

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT1. CONTRACT ID CODE
UPAGE OF PAGES
1 22. AMENDMENT/MODIFICATION NO.
693. EFFECTIVE DATE
11-Feb-20184. REQUISITION/PURCHASE REQ. NO.
1300399552-00015. PROJECT NO. (If applicable)
N/A

6. ISSUED BY CODE

N00421

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

S0701A

NAVAIR Aircraft Division Pax River
21983 BUNDY ROAD, Bldg 441
Patuxent River MD 20670DCMA HARTFORD
130 DARLIN STREET
EAST HARTFORD CT 06108-3234

SCD: C

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

SCIENCE APPLICATIONS INTERNATIONAL CORP
12010 Sunset Hills Road
Reston VA 20190

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-04-D-4119-M806

10B. DATED (SEE ITEM 13)

05-Oct-2009

CAGE CODE
6XWA8

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

SEE SECTION G

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

(*) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

[]

[] B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

[X] C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
FAR 43.103(a); FAR 52.232-22

[] D. OTHER (Specify type of modification and authority)

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

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

SEE PAGE 2

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

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

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

11-Feb-2019

BY

11-Feb-2019

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (Rev. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA

FAR (48 CFR) 53.243

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GENERAL INFORMATION

The purpose of this modification is to deobligate funds from CLIN/SLIN 442004 ACRN CL in the amount of \$18,953.96. 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 decreased from \$50,017,440.74 by \$18,953.96 to \$49,998,486.78.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
442004	SCN	98,500.00	(18,953.96)	79,546.04

The total value of the order is hereby increased from \$60,421,379.58 by \$0.00 to \$60,421,379.58.

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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	LABOR BASE YR. Program Management & Engineering Services provided IAW SOW & DD Forms 1423. (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4001	R425	Technical Data (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4010	R425	BASE YR. OMN-N Refer to SOW 5.0. (O&MN,N)	1.0	LO	██████████	██████████	\$4,699,436.00
401001	R425	OMN FUNDING in support of 4010 (O&MN,N)					
401002	R425	OMN FUNDING in support of 4010 (O&MN,N)					
401003	R425	OMN FUNDING in support of 4010 (O&MN,N)					
401004	R425	OMN FUNDING in support of 4010 (O&MN,N)					
4020	R425	BASE YR. WPN/OPN/SCN - Refer SOW 4.0 (Fund Type - OTHER)	1.0	LO	██████████	██████████	\$1,860,910.00
402001	R425	WPN FUNDING in support of 4020 (WPN)					
402002	R425	SCN FUNDING in support of 4020 (SCN)					
402003	R425	SCN FUNDING in support of 4020 (SCN)					
4030	R425	BASE YR. RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	██████████	██████████	\$1,156,408.20
403001	R425	RDT&E FUNDING in support of 4030 (RDT&E)					
403002	R425	RDT&E FUNDING in support of 4030 (RDT&E)					
403003	R425	RDT&E FUNDING in support of 4030 (RDT&E)					
4040	R425	BASE YR. FMS is spread across the SOW (FMS Case #UK-P-GEK)	1.0	LO	██████████	██████████	\$619,435.78
404001	R425	FMS FUNDING in support of 4040 (FMS)					
404002	R425	FMS Funding in support of 4040 (FMS Case #UK-P-GEK)					
404003	R425	FMS Funding in support of 4040 (FMS)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4100	R425	LABOR OPTION YR 1. Program Management & Engineering Services provided IAW SOW & DD Forms 1423. (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4101	R425	Technical Data Option Year 1 (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4102	R425	OPTION YEAR I: INCENTIVE PAYMENT IAW FAR 52.226-1 FOR SUBCONTRACT SUPPORT PROVIDED BY CHUGACH TELECOMMUNICATIONS & COMPUTERS INCORPORATED (Fund Type - OTHER)	1.0	LO	██████████	██████████	\$13,930.77
410201	R425	OPTION YEAR I: INCENTIVE PAYMENT IAW FAR 52.226-1 FOR SUBCONTRACT SUPPORT PROVIDED BY CHUGACH TELECOMMUNICATIONS & COMPUTERS INCORPORATED (Fund Type - OTHER)					
4110	R425	OPTION YR 1. OMN - Refer to SOW 5.0 (O&MN,N)	1.0	LO	██████████	██████████	\$5,127,119.00
411001	R425	Funding in Support of CLIN 4110 (O&MN,N)					
411002	R425	Funding in Support of CLIN 4110 (O&MN,N)					
411003	R425	Funding in Support of CLIN 4110 (O&MN,N)					
411004	R425	Funding in Support of CLIN 4110 (O&MN,N)					
411005	R425	Funding in Support of CLIN 4110 (O&MN,N)					
4120	R425	OPTION YR 1. WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO	██████████	██████████	\$2,291,565.00
412001	R425	Funding in Support of CLIN 4120 (WPN)					
412002	R425	Funding in Support of CLIN 4120 (SCN)					
412003	R425	Funding in Support of CLIN 4120 (WPN)					
412004	R425	Funding in Support of CLIN 4120 (SCN)					
412005	R425	Funding in Support of CLIN 4120 (WPN)					
4130	R425	OPTION YR 1. RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	██████████	██████████	\$1,854,392.00
413001	R425	Funding and Support of CLIN 4130 (RDT&E)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
413002	R425	Funding and Support of CLIN 4130 (RDT&E)					
413003	R425	Funding and Support of CLIN 4130 (RDT&E)					
413004	R425	Funding and Support of CLIN 4130 (RDT&E)					
4140	R425	OPTION YR 1. FMS is spread across SOW. (FMS Case #UK-P-GEK)	1.0	LO			\$1,257,587.00
414001	R425	Funding in Support of CLIN 4140 (FMS)					
414002	R425	Funding in Support of CLIN 4140 (FMS ADMIN) (FMS)					
414003	R425	Funding in Support of CLIN 4140 (FMS ADMIN) (FMS)					
4200	R425	LABOR OPTION YR 2. Program Management & Engineering Services provided IAW SOW & DD Forms 1423. (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4201	R425	Technical Data Option Year 2 (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4210	R425	Option YR 2. OMNN - Refer to SOW 5.0 (O&MN,N)	1.0	LO			\$5,039,402.00
421001	R425	Funding in Support of CLIN 4210 (O&MN,N)					
421002	R425	Funding in Support of CLIN 4210 (O&MN,N)					
421003	R425	Funding in Support of CLIN 4210 (O&MN,N)					
421004	R425	Funding in Support of CLIN 4210 (O&MN,N)					
4220	R425	Option YR 2. WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO			\$2,768,327.00
422001	R425	Funding in Support of CLIN 4220 (WPN)					
422002	R425	Funding in Support of CLIN 4220 (SCN)					
422003	R425	Funding in Support of CLIN 4220 (SCN)					
422004	R425	Funding in Support of CLIN 4220 (WPN)					
422005	R425	Funding in Support of CLIN 4220 (SCN)					
422006	R425	Funding in Support of CLIN 4220 (SCN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4230	R425	Option YR 2. RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO			\$1,718,827.00
423001	R425	Funding in Support of CLIN 4230 (RDT&E)					
423002	R425	Funding in Support of CLIN 4230 (RDT&E)					
4240	R425	OPTION YR 2. FMS is spread across the SOW. (FMS Case #UK-P-GEK)	1.0	LO			\$994,000.00
424001	R425	Funding in Support of CLIN 4240 (FMS)					
424002	R425	Funding in Support of CLIN 4240 (FMS)					
424003	R425	Funding in Support of CLIN 4240 (FMS)					
4300	R425	LABOR OPTION YR 3. Program Management & Engineering Services provided IAW SOW & DD Forms 1423. (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4301	R425	Technical Data Option Year 3 (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4310	R425	OPTION YR 3. OMNN - Refer to SOW 5.0 (O&MN,N)	1.0	LO			\$4,425,983.00
431001	R425	Funding in support of CLIN 4310 (O&MN,N)					
431002	R425	Funding in support of CLIN 4310 (O&MN,N)					
431003	R425	Funding in support of CLIN 4310 (O&MN,N)					
431004	R425	Funding in support of CLIN 4310 (O&MN,N)					
431005	R425	Funding in support of CLIN 4310 (O&MN,N)					
4320	R425	OPTION YR 3. WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO			\$1,433,200.00
432001	R425	Funding in support of CLIN 4320. (WPN)					
432002	R425	Funding in support of CLIN 4320. (SCN)					
432003	R425	Funding in support of CLIN 4320. (WPN)					
432004	R425	Funding in support of CLIN 4320. (SCN)					
432005	R425	Funding in support of CLIN 4320. (SCN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
432006	R425	Funding in support of CLIN 4320. (WPN)					
432007	R425	Funding in support of CLIN 4320. (WPN)					
4330	R425	OPTION YR 3. RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	██████████	██████████	\$2,485,324.00
433001	R425	Funding in support of CLIN 4330. (RDT&E)					
433002	R425	Funding in support of CLIN 4330. (RDT&E)					
4340	R425	OPTION YR 3. FMS is spread across the SOW. (FMS Case #UK-P-GEK)	1.0	LO	██████████	██████████	\$1,057,524.40
434001	R425	Funding in support of CLIN 4340. (FMS)					
434002	R425	Funding in support of CLIN 4340. (FMS)					
434003	R425	Funding in support of CLIN 4340. (FMS)					
4400	R425	LABOR OPTION YR 4. Program Management & Engineering Services provided IAW SOW & DD Forms 1423. (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4401	R425	Technical Data Option year 4 (Fund Type - OTHER)	1.0	LO	\$0.00	\$0.00	\$0.00
4410	R425	OPTION YR 4. OMN - Refer to SOW 5.0 (O&MN,N)	1.0	LO	██████████	██████████	\$2,983,900.29
441001	R425	Funding in Support of CLIN 4410 (O&MN,N)					
441002	R425	Funding in Support of CLIN 4410 (O&MN,N)					
441003	R425	Funding in Support of CLIN 4410 (O&MN,N)					
441004	R425	Funding in Support of CLIN 4410 (O&MN,N)					
4420	R425	OPTION YR 4. WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO	██████████	██████████	\$2,583,410.00
442001	R425	Funding in Support of CLIN 4420 (WPN)					
442002	R425	Funding in Support of CLIN 4420 (SCN)					
442003	R425	Funding in Support of CLIN 4420 (SCN)					
442004	R425	Funding in Support of CLIN 4420 (SCN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
442005	R425	Funding in Support of CLIN 4420 (SCN)					
442006	R425	Funding in Support of CLIN 4420 (WPN)					
442007	R425	Funding in Support of CLIN 4420 (WPN)					
442008	R425	Funding in Support of CLIN 4420 (SCN)					
4430	R425	OPTION YR 4. RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	██████████	██████████	\$938,701.58
443001	R425	Funding in Support of CLIN 4430 (RDT&E)					
443002	R425	Funding in Support of CLIN 4430 (RDT&E)					
443003	R425	Funding in Support of CLIN 4430 (RDT&E)					
443004	R425	Funding in Support of CLIN 4430 (fund source: RDT&E) (WCF)					
443005	R425	Funding in Support of CLIN 4430 (RDT&E)					
4440	R425	OPTION YR 4. FMS is spread across the SOW (FMS Case #UK-P-GEK)	1.0	LO	██████████	██████████	\$1,103,200.00
444001	R425	Funding in Support of CLIN 4440 (FMS)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6000	R425	ODC BASE YR IN SUPPORT OF CLIN 4000. (EST TRAVEL \$483,000; NMCI \$72,000; MATERIAL \$25,000) (Fund Type - OTHER)	1.0	LO	\$0.00
6010	R425	OMN-N Refer to SOW 5.0. (O&MN,N)	1.0	LO	\$372,200.00
601001	R425	OMN FUNDING in support of 6010 for NMCI. (O&MN,N)			
601002	R425	OMN FUNDING in support of 6010 for Travel. (O&MN,N)			
601003	R425	OMN FUNDING in support of 6010 for Material. (O&MN,N)			
601004	R425	OMN FUNDING in support of 6010 for Travel (O&MN,N)			
601005	R425	OMN FUNDING in support of 6010 for Material (O&MN,N)			
601006	R425	OMN FUNDING in support of 6010 for Travel (O&MN,N)			
601007	R425	OMN FUNDING in support of 6010 for Travel (O&MN,N)			
6020	R425	WPN/OPN/SCN - SOW 4.0 (Fund Type - OTHER)	1.0	LO	\$87,000.00
602001	R425	WPN FUNDING in support of 6020 (WPN)			
602002	R425	WPN FUNDING in support of 6020 (WPN)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
602003	R425	WPN FUNDING in support of 6020 (WPN)			
602004	R425	WPN FUNDING in support of 6020 (WPN)			
6030	R425	RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	\$45,000.00
603001	R425	RDT&E FUNDING in support of CLIN 6030 for Travel (RDT&E)			
603002	R425	RDT&E FUNDING in support of CLIN 6030 for Travel (RDT&E)			
6040	R425	FMS is spread across the SOW (FMS Case #UK-P-GEK)	1.0	LO	\$59,000.00
604001	R425	FMS FUNDING in support of 6040 (FMS Case #UK-P-GEK)			
6100	R425	ODC OPTION YR 1 IN SUPPORT OF CLIN 4100. (EST TRAVEL \$497,490; NMCI 72,000; MATERIAL \$25,750) (Fund Type - OTHER)	1.0	LO	\$0.00
6110	R425	Option Yr 1 OMN - Refer to SOW 5.0 (O&MN,N)	1.0	LO	\$394,296.00
611001	R425	Funding in Support of 6110 (O&MN,N)			
611002	R425	Funding in Support of 6110 (O&MN,N)			
6120	R425	Option YR 1. WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO	\$91,970.00
612001	R425	Funding in Support of CLIN 6120 (WPN)			
612002	R425	Funding in Support of CLIN 6120 (SCN)			
612003	R425	Funding in Support of CLIN 6120 (WPN)			
612004	R425	Funding in Support of CLIN 6120 (SCN)			
612005	R425	Funding in Support of CLIN 6120 (WPN)			
6130	R425	Option YR 1. RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	\$41,445.00
613001	R425	Funding an Support of CLIN 6130 (RDT&E)			
613002	R425	Funding an Support of CLIN 6130 (RDT&E)			
6140	R425	Option Yr 1 FMS is spread across SOW. (FMS Case #AA-A-AAA)	1.0	LO	\$61,577.00
614001	R425	Funding in Support of CLIN 6140 (FMS Case #AA-A-AAA)			
6200	R425	ODC OPTION YR 2 IN SUPPORT OF CLIN 4200. (EST TRAVEL \$512,414.70; NMCI \$72,000; MATERAL \$26,522.50) (Fund Type - OTHER)	1.0	LO	\$0.00
6210	R425	Option YR 2. OMNN - Refer to SOW 5.0 (O&MN,N)	1.0	LO	\$404,695.00
621001	R425	Funding in Support of CLIN 6210 (O&MN,N)			
621002	R425	Reserved. (O&MN,N)			
621003	R425	Funding in Support of CLIN 6210 (O&MN,N)			
621004	R425	Funding in Support of CLIN 6210 (O&MN,N)			
6220	R425	Option YR 2. WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO	\$79,000.00
622001	R425	Funding in Support of CLIN 6220 (WPN)			
622002	R425	Funding in Support of CLIN 6220 (SCN)			
622003	R425	Funding in Support of CLIN 6220 (SCN)			
622004	R425	Funding in Support of CLIN 6220 (WPN)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6230	R425	Option YR 2. RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	\$57,933.00
623001	R425	Funding in Support of CLIN 6230 (RDT&E)			
623002	R425	Funding in Support of CLIN 6230 (RDT&E)			
6240	R425	OPTION YR 2. FMS is spread across the SOW. (FMS Case #UP-P-GEK)	1.0	LO	\$63,201.00
624001	R425	Funding in Support of CLIN 6240 (FMS)			
624002	R425	Funding in Support of CLIN 6240 (FMS)			
624003	R425	Funding in Support of CLIN 6240 (FMS)			
6300	R425	ODC OPTION YR 3 IN SUPPORT OF CLIN 4300. (EST TRAVEL \$527,787.14; NMCI \$72,000; MATERIAL \$27,318.18) (Fund Type - OTHER)	1.0	LO	\$0.00
6310	R425	OPTION YR 3. OMNN - Refer to SOW 5.0 (O&MN,N)	1.0	LO	\$415,404.00
631001	R425	Funding in support of CLIN 6310. (O&MN,N)			
631002	R425	Funding in support of CLIN 6310. (O&MN,N)			
6320	R425	OPTION YR 3. WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO	\$81,091.00
632001	R425	Funding in support of CLIN 6320. (WPN)			
632002	R425	Funding in support of CLIN 6320. (SCN)			
6330	R425	OPTION YR 3. RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	\$59,466.00
633001	R425	Funding in support of CLIN 6330. (RDT&E)			
6340	R425	OPTION YR 3. FMS is spread across the SOW. (FMS Case #UK-P-GEK)	1.0	LO	\$64,873.00
634001	R425	Funding in support of CLIN 6340. (FMS)			
6400	R425	ODC OPTION YR 4 IN SUPPORT OF CLIN 4400. (EST TRAVEL \$543,620.76; NMCI \$72,000; MATERIAL \$28,137.72) (Fund Type - OTHER)	1.0	LO	\$0.00
6410	R425	OPTION YR 4. OMNN - Refer to SOW 5.0 (O&MN,N)	1.0	LO	\$100,000.00
641001	R425	Funding in Support of CLIN 6410 (O&MN,N)			
641002	R425	Funding in Support of CLIN 6410 (O&MN,N)			
641003	R425	Funding in Support of CLIN 6410 (O&MN,N)			
6420	R425	OPTION YR 4. WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO	\$50,500.00
642001	R425	Funding in Support of CLIN 6420 (WPN)			
642002	R425	Funding in Support of CLIN 6420 (WPN)			
642003	R425	Funding in Support of CLIN 6420 (SCN)			
6430	R425	OPTION YR 4. RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	\$31,000.00
643001	R425	Funding in Support of CLIN 6430 (RDT&E)			
643002	R425	Funding in Support of CLIN 6430 (RDT&E)			
6440	R425	OPTION YR 4. FMS is spread across the SOW (FMS Case #UK-P-GEK)	1.0	LO	\$48,800.00

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
644001	R425	Funding in Support of CLIN 6440 (FMS)					

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7010	R425	O&MN - Refer to SOW 5.0 (O&MN,N)	1.0	LO	██████████	██████████	\$3,241,600.00
701001	R425	Funding in Support of CLIN 7010 (O&MN,N)					
701002	R425	Funding in Support of CLIN 7010 SOW Para 51.12, 5.4.4, 5.5.5, 5.9.1 (O&MN,N)					
7020	R425	WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO	██████████	██████████	\$1,242,058.00
702001	R425	Funding in Support of CLIN 7020 (WPN)					
702002	R425	Funding in Support of CLIN 7020 (WPN)					
702003	R425	Funding in Support of CLIN 7020; Tomahawk VA-CLASS 786 (SCN)					
702004	R425	Funding in Support of CLIN 7020; DDG 117 TTWCS (SCN)					
702005	R425	Funding in Support of CLIN 7020; DDG 118 TTWCS (SCN)					
702006	R425	Funding in Support of CLIN 7020 SOW Para 4.0 (WPN)					
7030	R425	RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	██████████	██████████	\$723,449.00
703001	R425	Funding and Support of CLIN 7030 (RDT&E)					
703002	R425	Funding and Support of CLIN 7030 SOW Para 3.0 (RDT&E)					
703003	R425	Funding in support of CLIN 7030 TTWCS 6989 (RDT&E)					
703004	R425	Funding in support of CLIN 7030 TTWCS 6987 (RDT&E)					
7040	R425	FMS is spread across the SOW (FMS Case #00-0-000)	1.0	LO	██████████	██████████	\$928,300.00
704001	R425	Funding in Support of CLIN 7040 (FMS)					
704002	R425	Funding in Support of CLIN 7040 SOW Para 1.0, 2.1, 4.6, 5.1.4, 5.6.1 (FMS)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7050	R425	INDIAN INCENTIVE PAYMENT IAW FAR 52.226-1 FOR SUBCONTRACT SUPPORT PROVIDED BY CHUGACH TELECOMMUNICATIONS & COMPUTERS INCORPORATED (Fund Type - OTHER)	1.0	LO	██████████	██████████	\$26,407.41
7060	R425	O&MMN - Refer to SOW 5.0 (O&MN,N)	1.0	EA	██████████	██████████	\$1,693,538.57
706001	R425	Funding in support of CLIN 7060 SOW Para 5.1.2, 5.4.4, 5.5.5 & 5.9.1 (O&MN,N)					
706002	R425	Reserved (O&MN,N)					
706003	R425	Reserved (O&MN,N)					
706004	R425	Reserved (O&MN,N)					
706005	R425	Funding in support of CLIN 7060 (O&MN,N)					
7070	R425	WPN/OPN/SCN - Refer to SOW 4.0 (WPN)	1.0	EA	██████████	██████████	\$2,068,528.94
707001	R425	Funding in support of CLIN 7070; SOW Para. 4.0 (WPN)					
707002	R425	Funding in support of CLIN 7070 (WPN)					
707003	R425	Funding in support of CLIN 7070; SOW Para. 3.9.1 5.9.1. 5.9.2 5.9.3 (WPN)					
707004	R425	Funding in support of CLIN 7070; DDG 118 (WPN)					
707005	R425	Funding in support of CLIN 7070; DDG 117 (WPN)					
707006	R425	Funding in support of CLIN 7070 (WPN)					
707007	R425	Funding in support of CLIN 7070 Tomahawk Contractor Support VA Class 786. SOW Paragraphs 3.9.1, 5.9.1, 5.9.2 and 5.9.3 (SCN)					
707008	R425	Funding in support of CLIN 7070 TTWCS DDG 119 (SCN)					
707009	R425	Funding in support of CLIN 7070 TTWCS DDG 120 (SCN)					
7080	R425	RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	EA	██████████	██████████	\$549,382.42
708001	R425	Funding in support of CLIN 7080 SOW 3.0 (RDT&E)					
708002	R425	Funding in support of CLIN 7080 (RDT&E)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
708003	R425	Funding in support of CLIN 7080 (RDT&E)					
7090	R425	FMS spread across SOW. (FMS Case #00-0-000)	1.0	EA			\$509,060.22
709001	R425	Funding in support of CLIN 7090 (FMS)					
709002	R425	Funding in support of CLIN 7090 (FMS)					
709003	R425	Funding in support of CLIN 7090 (FMS)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9010	R425	ODC O&MN - Refer to SOW 5.0 (O&MN,N)	1.0	LO	\$15,000.00
901001	R425	Funding in Support of CLIN 9010 (O&MN,N)			
901002	R425	Funding in Support of CLIN 9010 (Travel) (O&MN,N)			
9020	R425	ODC, WPN/OPN/SCN - Refer to SOW 4.0 (Fund Type - OTHER)	1.0	LO	\$10,000.00
902001	R425	Funding in Support of CLIN 9020 (WPN)			
9030	R425	ODC, RDT&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	\$15,000.00
903001	R425	Funding in Support of CLIN 9030 (RDT&E)			
903002	R425	Funding in Support of CLIN 9030 (Travel) (RDT&E)			
9040	R425	ODC,FMS is spread across the SOW (FMS Case #00-0-000)	1.0	LO	\$15,000.00
904001	R425	Funding in Support of CLIN 9040 (FMS)			
904002	R425	Funding in Support of CLIN 9040 (Travel) (FMS)			
9050	R425	OM&N - Refer to SOW 5.1.2, 5.4.4, 5.5.5, 5.9.1 (O&MN,N)	1.0	LO	\$311,136.00
905001	R425	Funding in support of CLIN 9050 SOW Para 5.1.2, 5.4.4, 5.5.5, 5.9.1 (O&MN,N)			
905002	R425	Funding in support of CLIN 9050 (O&MN,N)			
905003	R425	Funding in support of CLIN 9050 (O&MN,N)			
9060	R425	WPD/OPN/SCN - Refer to SOW 4.0 (WPN)	1.0	LO	\$22,744.00
906001	R425	Funding in support of CLIN 9060 SOW Para 4.0 (WPN)			
906002	R425	Funding in support of CLIN 9060 (WPN)			
9070	R425	RD&E - Refer to SOW 3.0 (RDT&E)	1.0	LO	\$25,405.00
907001	R425	Funding in support of CLIN 9070 SOW 3.0 (RDT&E)			
907002	R425	Funding in support of CLIN 9070 (RDT&E)			
9080	R425	FMS spread across SOW. (FMS Case #00-0-000)	1.0	LO	\$3,736.00
908001	R425	Funding in Support of CLIN 9080 (FMS)			
908002	R425	Funding in Support of CLIN 9080 (FMS)			

*** The Effective Date of the Task Order is dated 5 October 2009; however, Period of Performance does not start until 1 December 2009.

***Cost Proposal Sections 4.4.1.2 B & C and 4.4.2.2 B & C are incorporated by reference.

Block 5

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

Block 21

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

Notes:

- (1) This acquisition is applicable to Zone 2, National Capital as a full and open competition.
- (2) This task order is issued in accordance with the terms and conditions of Task Order N00178-04-D-4119 M806. Only clauses and provisions requiring fill-ins, or unique to the task order have been included in full text in the task order.
- (3) The task order is for a total performance period of five (5) years inclusive of all options.
- (4) The Contract Line Item Number (CLIN) structure of task order is as follows:

CLIN	Period of Performance	Dates of Performance
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Services:

4000	Base	1 December 2009 - 30 November 2010
4001	Base Technical Data	1 December 2009 - 30 November 2010
4100	Option 1	1 December 2010 - 30 November 2011
4101	Option 1 Technical Data	1 December 2010 - 30 November 2011
4200	Option 2	1 December 2011 - 30 November 2012
4201	Option 2 Technical Data	1 December 2011 - 30 November 2012
4300	Option 3	1 December 2012 - 30 November 2013
4301	Option 3 Technical Data	1 December 2012 - 30 November 2013
4400	Option 4	1 December 2013 - 30 November 2014
4401	Option 4 Technical Data	1 December 2013 - 30 November 2014

ODC

6000	Base	1 December 2009 - 30 November 2010
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6100	Option 1	1 December 2010 - 30 November 2011
6200	Option 2	1 December 2011 - 30 November 2012
6300	Option 3	1 December 2012 - 30 November 2013
6400	Option 4	1 December 2013 - 30 November 2014

(5) Funding for each CLIN will be added at the subClin (SLIN) level.

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 percent [REDACTED] 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.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

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**Tomahawk Weapon System (TWS)
PMA280 Contract Support Services
Performance Based Work Statement**

1.0 SCOPE

This Performance Based Work Statement (PBWS) defines a wide range of engineering and program management support including investigations and integration analyses for the PMA280 Program Office on the Tomahawk Weapon System (TWS), and associated systems and subsystems. This includes systems aboard US and Foreign Military Sales (FMS) platforms and shore site facilities. The TWS is comprised of the All Up Round (AUR) and the Weapon Control System (WCS).

2.0 GENERAL REQUIREMENTS

This section of the PBWS summarizes the overall requirements to include summary of efforts, personnel, facility, security and deliverables.

2.1 Summary of Efforts

In performing the general requirements of this PBWS, the Contractor shall:

- a. Provide support in an Integrated Product Team (IPT) environment for a wide range of technical investigations and integration analyses for the TWS, and associated systems and subsystems.

- b. Draft, review and support investigations, integration analyses, technical documents, project plans, research reports, and project schedules.

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- c. Participate as a member on various engineering teams conducting TWS engineering efforts, and support those team's (engineering, test and evaluation) meetings, working groups, teleconferences, and special investigations.
- d. Draft, review and support special studies of the TWS, its subsystems and interfaces with other systems when directed by the Contracting Officer's Representative (COR).
- e. Provide systems engineering support as necessary to integrate the TWS external systems such as the SSGN Attack Weapons System (AWS), the next generation destroyer (DDG-1000), and other launch platforms to include those of US allies.
- f. Draft, review and support efforts for TWS emerging and advanced technologies.
- g. Provide administrative support to PMA280 to ensure the smooth operation of the program office.
- h. Provide support for both domestic and FMS in the areas of financial planning, budget preparation and budget execution.
- i. Provide support and preparation of international technology transfer, disclosure and release documentation in support of security assistance programs and projects.

2.2 Personnel and Computer Requirements

The Contractor personnel shall meet the following requirements in support of this PBWS.

- a. The Contractor shall provide personnel that have extensive experience in relevant technical disciplines and recognized stature within the cruise missile community. In addition, the Contractor shall have experience working with the Naval Sea System Command (NAVSEA) community and with the Tomahawk surface and subsurface platforms.
- b. The Contractor shall provide qualified personnel to temporarily support emergent technical and programmatic issues within 2 business days.
- c. All Contractor personnel shall have a current Secret security clearance or be able to obtain a secret clearance. In addition, the Program Manager and at least one Senior Engineer must possess a Top Secret clearance.

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- d. Contractor personnel supporting section 5.8 “TWS Nuclear Safety Support” shall obtain the Critical Nuclear Weapons Design Information (CNWDI) briefing to obtain access to National Nuclear Security Administration (NNSA) facilities and personnel.
- e. The Contractor shall have expertise in the DoD 5000 series of acquisition documentation.
- f. The Contractor shall be proficient in Microsoft (MS) Office including MS Word, MS PowerPoint, MS Excel, MS Project and Adobe Acrobat Exchange.
- g. The Contractor shall have the capability to use an electronic mail application to communicate with the program office (MS Outlook mail is preferred).
- h. The Contractor shall have sufficient computer resources to support the PBWS tasking including proper encryption and Public Key Infrastructure (PKI) as required. PKI shall be requested no later than 2 business days from date of hire and/or contract award.
- i. Effective 01 October 2105, the Government will provide all Navy Marine Corps Intranet (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.
- j. The Contractor shall be proficient with the Government electronic travel and financial systems.
- k. The Contractor shall obtain Secure Internet Protocol Routed Network (SIPRNET) accounts for required personnel in order to access SIPRNET at the Government program office. Accounts shall be requested no later than 2 business days from date of hire and/or contract award.
- l. The Contractor shall ensure that the appropriate personnel are provided access and are proficient with the following Government and Contractor database systems.
 - i. Tomahawk Information System (TOMIS) – the Government status accounting and data storage system used primarily for AUR related data.

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- ii. Tomahawk Calendar, Action Item and Presentation (TCAP) system – the Government status accounting and data storage system used primarily for the WCS related data.
- iii. Contractor Integrated Technical Information Service (CITIS) – the AUR Prime Contractor’s information database.
- iv. The Cruise Test Data Mall – the data mall is a web based tool which supports all test planning, execution, and reporting documentation for TWS test and evaluation.
- m. The Contractor shall be available to meet immediate commitments that may involve extensive travel.
- n. The Contractor shall have extensive expertise in the Security Assistance Management Manual (SAMM) DoD 5105.38-M and shall be proficient in FMS case and financial management systems including Defense Security Assistance Management System (DSAMS), Defense Integrated Financial System (DIFS), Management Information System for International Logistics (MISIL), Case Execution Performance Tool (CEPT), Consolidated and Expenditure Reporting System (CERPS) and Information Warehouse.

2.3 Facility Requirements

At least 85% of the Contractor support team shall be located within 15 miles of the Program Office at its present location in Patuxent River, MD or at Program Office designated locations (i.e. Raytheon Missile Systems in Tucson, AZ).

2.4 Security Requirements

The Contractor shall employ security protection and ensure security for all efforts. The Contractor shall develop an Operations Security (OPSEC) Plan (CDRL A004). The OPSEC Plan will describe how the Contractor will protect classified and sensitive information to be held, provided, used, handled, discussed, processed, stored, transmitted, or delivered at a Contractor’s or Subcontractor’s facilities during performance of this contract. The Contractor’s OPSEC program is to be described in a facility level OPSEC planning document. The Contractor will submit the document to the Government (AIR-7.4.4) for approval.

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

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the requisite background investigation (or provide proof of a current background investigation) prior to accessing any Navy IT resources . Instructions for processing the SAAR-N forms are available at: http://www.navair.navy.mil/index.cfm?fuseaction=home.contractor_forms.

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

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

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

2.5 Deliverables

The Contractor shall deliver the following products:

- a. A monthly activity status report (DI-MGMT-80368), (CDRL A001)
- b. A funds and man-hour expenditure report (DI-FNCL-80331), (CDRL A002)
- c. Technical reports as required (DI-MISC-80711), (CDRL A003)
- d. OPSEC Plan (DI-MGMT-80934), (CDRL A004)

2.6 References

ANSI/EIA-649 – National Consensus Standard for Configuration Management
CJCSI 3260.01 Series – Joint Policy Governing Positive Control Material and Services

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CJCSI 3170.01 Series – Joint Capabilities Integration and Development System
 CJCSI 6212.01 Series – Interoperability and Supportability of Information Technology and National Security Systems
 CJCSM 3170.01 Series – Operation of the Joint Capabilities Integration and Development System
 CNO Memo Ser 814E/3U637112 of 15 Sep 03
 CNO Memo Ser 814/3U638518 of 10 Mar 03
 CNO Memo Ser 814/638503 of 3 Dec 03
 CNO Memo Ser N81/2004U797202 of 23 Jan 04
 COMNAVSUBFORINST 8120.2 Series – Submarine Force Nuclear Weapons Manual
 DODD 3150.2 Series – DoD Nuclear Weapon System Safety Program
 DOD 4145.26 Series – DoD Contractors Safety Requirements for Ammunition and Explosives
 DoDD 5000.1 Series – The Defense Acquisition System
 DoDI 5000.2 Series – Operation of the Defense Acquisition System
 DoD 5105.38-M – Security Assistance Management Manual
 DODD O-5210.41 – Security Policy for Protecting Nuclear Weapons
 MIL-STD 882 Series – System Safety Program Requirements
 NAVSEAINST 8020.5 Series
 NAVSEAINST 8020.8 Series
 NAVSEAINST 8020.6 Series
 OPNAVINST 4850.1 Series – Conventional Ordnance Assessment and Maintenance Requirements Policy
 OPNAVINST 8110.18 Series – Department of the Navy Nuclear Weapon System Safety Program
 PEO(CU)INST 4855.5 Series
 PEO(CU)INST 8110.1 Series
 PEO(CU)INST 8110.2 Series
 PEO(CU)INST 8110.3 Series
 PEO(W)INST 8120.2 Series
 OPNAVINST 4855.1 Series – Policy Procedures and Responsibilities for DON Nuclear Weapon Stockpile Evaluation and Reliability Assessment (SEARA)
 SECNAVINST 5510.35 Series – Nuclear Weapon Reliability Program
 SECNAVINST S8126.1 Series – Navy Nuclear Security Policy

The specific/detailed engineering support requirements of this PBWS are defined and allocated to the following sub-sections.

Section 3.0 RESEARCH DEVELOPMENT AND ADVANCED CONCEPT SUPPORT
 Section 4.0 PRODUCTION SUPPORT
 Section 5.0 POST PRODUCTION SUPPORT

3.0 RESEARCH, DEVELOPMENT AND ADVANCED CONCEPT SUPPORT

This section of the PBWS provides for a range of technology research, engineering

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support, technical investigations and integration analyses for research, development and advanced concept design for the TWS, and its associated subsystems. Advanced concepts include, but are not limited to such technologies as Precision Terrain Aided Navigation (PTAN), Warhead Improvements, Anti Surface Warfare (ASUW) and Super Sonic variants.

3.1 Systems Engineering

The Contractor shall assist the Government in providing systems engineering support of the TWS, its subsystems and interfaces. The Contractor shall assist in performing technical assessments of the TWS Prime Contractors' implementation of the system/sub-system specifications and statements of work. This shall include analysis of the TWS and associated subsystems and the system segment interfaces. The Contractor shall assist the Government in reviewing, preparing and maintaining a variety of specifications, interface control and design documents, interface requirements documents and other engineering documentation as necessary.

The Contractor shall assist in evaluating program and technical risks and making recommendations to the Program Office and monitoring progress of the risk mitigation activities.

The following paragraphs provide the detailed tasking.

3.1.1 Program/Design Reviews

The Contractor shall support and participate in the following Program activities with the AUR contractor and its subcontractors, contractors supporting Launch Platform/WCS and Mission Planning Systems, and Government Agencies to prepare assessments on the overall status of the TWS system. The Contractor shall when required:

- a. Participate in the following reviews and meetings.
 - i. Program Management Reviews (PMRs)
 - ii. Design Reviews
 - iii. Readiness Reviews
 - iv. Verification Reviews
 - v. Technical Interchange Meetings (TIMs)
 - vi. Other technical reviews/boards/panels
- b. Perform the following activities in support of the above reviews and meetings.
 - i. Preparation of agendas and review criteria
 - ii. Preparation and/or presentation of briefings
 - iii. Identifying, responding to and monitoring action items

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- iv. Draft and distribute approved meeting minutes
- v. Assist the Government in assessing the overall status of the TWS
- vi. Assist the Government in assessing project progress

3.1.2 Design

The Contractor shall assist the Government in performing technical engineering and integration analyses for the purpose of determining compliance of the evolving TWS design with specification requirements and shall recommend corrective measures as necessary. In addition, the Contractor analysis shall verify that the design includes appropriate Anti Tamper measures.

The Contractor shall assist the Government in assessing the maturity of the design as it relates to issues pertaining to depot/logistics, safety, product assurance, and software quality. The Contractor shall use these assessments to evaluate the robustness of the developmental design and determine if it is ready for fabrication and production.

The Contractor shall assist the Government in assessing the TWS design readiness for production by doing the following.

- a. Review production plans and delivery schedules and determine the impact of delays or changes resulting from the requirement for failure resolution.
- b. Monitor parts obsolescence issues and report as the TWS transitions from development into production.
- c. Review and evaluate the manufacturing processes of the TWS Contractors and their subcontractors.

3.1.3 Interfaces

The Contractor shall draft, review and support technical evaluations of the current state of the AUR internal and AUR external (launch platform/WCS and mission planning systems) interfaces to examine the potential impacts of proposed interface changes for completeness and accuracy, placing particular emphasis upon:

- a. Internal interfaces between the flight computer (and its software), and other components of the guidance system and AUR.
- b. External interfaces between the AUR (and its guidance system), and the launch platform/WCS and mission planning systems.

3.1.4 Technical Performance Measurements (TPMs)

The Contractor shall monitor the TPMs of the TWS to determine the status of the design as it relates to key performance parameters (KPPs) and technical performance

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parameters (TPPs) used by the program to determine if the design meets requirements as specified in the performance specification.

The Contractor shall participate in the development, implementation, and assessment of the Integrated Verification Test Plans used by the program to determine if the design meets requirements as specified in the performance specification.

3.1.5 Program Protection Plan (PPP)

The Contractor shall draft, review and support the development and maintenance of the TWS Program Protection Plan.

3.1.6 External Systems

The Contractor shall provide systems engineering support of the TWS as necessary to interface with external systems, to include but not be limited to the SSGN AWS including the Attack Weapons Control System (AWCS) and the Missile AUR Canister (MAC), the DDG(1000), CG(X), other surface ships and submarines and FMS platforms. In support of this effort the Contractor shall:

- a. Support meetings addressing the interfaces of the TWS to these other systems.
- b. Assist the Government in reviewing system specifications, interface specifications, drawings, and other documentation related to the external interfaces to evaluate their impact on the TWS.
- c. Support system demonstrations.
- d. Draft, review and support documentation changes as necessary to incorporate the external weapon system interface into the TWS.

3.2 Test and Evaluation (T&E)

The Contractor shall draft, review and support technical assessments of the T&E requirements and test plans to assure planning supports achievement of stated objectives. In addition assist the Government in reviewing and evaluating the test results as necessary. The following paragraphs provide the detailed tasking.

3.2.1 Interface/System/Subsystem/Component Tests

The Contractor shall assist the Government in reviewing and assessing the interface, system, subsystem and component testing conducted by the TWS Prime Contractors to demonstrate that system specifications, and performance and interface requirements are be met. Examples of this type of testing include Highly Accelerated Life Testing (HALT), Design Verification Testing (DVT) and Functional Qualification Testing (FQT).

3.2.2 Functional Ground Test (FGT)

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The Contractor shall assist the Government by providing technical and engineering support to ensure that the Functional Ground Test Program meets the Program and engineering test objectives.

The Contractor shall perform hardware and software design, development, and integration for the modernization of Tomahawk-Missile-in-the-Loop (TMIL) located at the Naval Surface Warfare Center – Indian Head Division (NSWC-IHD), to support the testing of new Tomahawk Block III and Block IV cruise missile variants and related subsystems. Specific support shall include hardware and software systems engineering, interface design, integration, network development, and update of required written specifications. The Contractor shall recommend any software changes needed to obtain simulation accreditation. The Contractor shall evaluate simulation changes as part of end-to-end Functional Ground Test support. The Contractor shall also perform end-to-end functional ground test support, real-time mission data and telemetry analysis, network management and troubleshooting, communications support, and general hardware/software hands-on support as applicable.

In support of end-to-end FGT, the Contractor shall provide a simulation operator that is certified as a Team Member Explosive Operator. This certification will include completion of the Basics of Naval Explosives Hazard Control (AAMMO-18-CBT, CDROM) training resulting in a Certificate of Training (CDRL A005) and the completion of a Chronological Record of Medical Care by a Licensed Physician (and other qualified medical personnel where applicable). The Contractor shall maintain the completed Chronological Record of Medical Care form and provide a copy of this form along with a certification memo (CDRL A006) to NSWC/IHD. The Chronological Record of Medical Care shall be valid for two years following completion of the examination.

3.2.3 Flight Test

The Contractor shall assist the Government by providing engineering and technical support to ensure that the Flight Test Program meets all established test objectives of the various Developmental Tests (DTs), Development Tests/Operational Tests (DT/OTs), Operational Test (OTs) and other tests as required. The flight test support activities include:

- a. Customer Acceptance Readiness Reviews (CARRs)
- b. Flight test mission planning and coordination meetings
- c. Mission Control Panels (MCPs)
- d. Mission Readiness Reviews (MRR)
- e. Post Mission Quick Looks (PMQLs)
- f. Assist with test missile management and tracking

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- g. Assist in tracking and reporting on Recovery Exercise Module (REM), Range Safety System (RSS), and associated test hardware.
- h. Other associated meetings

The Contractor shall assist the Government by providing failure information and engineering analyses on performance anomalies, and support Failure Review Boards (FRBs) and TWS flight failure investigations.

3.3 Configuration Management (CM) / Data Management (DM)

The Contractor shall assist the Government in providing general Configuration Management support using ANSI/EIA-649 as guidance, and also provide recommendations for configuration identification by assessing, analyzing and providing recommendations for the selection of Configuration Items (CIs), and level of Government documentation control.

The Contractor shall provide technical support in developing data and data submittal requirements, and continually monitor and assess the processes related to data management and recommend changes when needed to meet government acquisition requirements/initiatives or improve efficiency of data acquisition activities. The Contractor shall copy and upload applicable documents to the Government and Prime Contractors' database systems as well as download, distribute, review and evaluate applicable documents.

The following paragraphs provide the detailed tasking.

3.3.1 Configuration Control Board (CCB)

The Contractor shall provide CCB technical support for the review of change documentation. In addition, the Contractor shall assist the Government in facilitating the CCB through the following:

- a. Provide support related to system change verification and validation.
- b. Support investigations and provide recommendations to resolve issues of data inconsistencies and documentation requirements.
- c. Provide data entry support for Class I Engineering Change Proposals (ECP), Major Deviation/Waivers, and Technical Directives.
- d. Provide support regarding missile configuration/status and product baseline data and analysis.
- e. Draft and distribute CCB minutes and actions.

3.3.2 Improvements and Changes

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The Contractor shall assist the Government in evaluating technical, cost, safety, and schedule impacts of proposed changes including an assessment of the compliance to applicable standards for change documentation requirements of engineering changes, deviations, and waivers.

The Contractor shall assist the Government in performing technical and other evaluations of TWS ECPs, deviations and waivers that are submitted.

3.3.3 TWS Configuration

The Contractor shall participate in configuration audits including Functional Configuration Audits (FCA) and/or Physical Configuration Audits (PCA). FCA/PCA participation shall include review of FCA/PCA plans, monitoring the implementation of the techniques and methods described in the approved plans, and assisting in the preparation of technical reports.

3.4 Product Assurance

The Contractor shall provide support for technical investigation and integration analysis for the Reliability, Maintainability and Quality Assurance (RM&QA) engineering program, which includes TWS reliability, maintainability and availability assessments and product assurance engineering studies and investigations. The following paragraphs provide the detailed tasking.

3.4.1 Document Review and Evaluation

The Contractor shall provide the recommendations necessary to support preparation, performance, and monitoring of programmatic actions, initiatives and reviews, which includes, but is not limited to these efforts.

- a. Assist the Government in providing assessments required for the definition and development of RM&QA related requirements such as specifications.
- b. Provide recommendations for the development and/or revision of technical aspects of applicable documentation that may impact the Product Assurance Program. Such documentation is typically identified as quality plans, reliability planning, Reliability Improvement Program (RIP) plans, and Storage Reliability Assessment Program (STRAP) plans.
- c. Assist the Government in evaluating and reporting the technical adequacy of the TWS Contractors' documentation, including plans, procedures and reports, in complying with the TWS program requirements.

3.4.2 Product Assurance Engineering

The Contractor shall assist the Government in providing in-depth product assurance engineering and analyses on investigations into technical problems impacting reliability,

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maintainability, and quality assurance, which includes, but is not limited to these efforts.

- a. Draft, review and support engineering investigations into specific problems relating to the TWS, as well as specific systems, subsystems and replaceable assemblies of the TWS. Provide results and recommendations for corrective action commensurate with program requirements and initiatives.
- b. Provide engineering support required to evaluate the TWS Contractors' efforts in failure reporting, analysis and corrective actions, environmental stress screening and manufacturing/test programs. This includes investigation and analysis for adequacy and effectiveness.
- c. Assist the Government in evaluating the impact of hardware/software changes under consideration by the CCB on missile, system and component reliability/quality. These studies should relate results to the TWS mission and program requirements.
- d. Conduct independent technical investigations, as required, to correlate field failure causes with production related quality defects and test failures.

3.4.3 Reliability, Maintainability and Availability

The Contractor shall assist the Government in providing assessments of TWS reliability, maintainability and availability, which includes but is not limited to these efforts.

- a. Assess/predict flight and field TWS reliability including individual missiles, specific variants or total AUR population. Utilize or modify existing prediction computer programs developed for TWS whenever required by this effort.
- b. Assist the Government by performing reliability growth assessments as a function of mission reliability goals and configuration baseline.
- c. Assist the Government by monitoring, reviewing and assessing production, depot and field reject rates for missiles and the weapon control system. Assess trends and analyze effectiveness of corrective actions.
- d. Assist the Government by performing assessments of the AUR in association with STRAP requirements to include monitoring and assessing trends, which impact the STRAP and Service Life Assessment Program (SLAP).

3.4.4 Reliability/Failure Analyses

The Contractor shall assist the Government in conducting and/or assessing the results of reliability and failure analysis of technical issues arising during the TWS life cycle (i.e. development, production, operation and maintenance activities), which includes but is not limited to these efforts.

- a. Review test equipment requirements and assess the need to conduct acceptance or other tests beyond those required by the appropriate specifications prior to full-rate production.

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- b. Review test results, failure analysis findings and conclusions and provide recommendations in the case of a test failure.
- c. Provide recommendations on parts obsolescence issues.

3.4.5 Product Assurance Database System (PADS)

The Contractor shall assist the Government in providing support for the utilization and improvement/enhancement of the TOMIS PADS, including data modeling, data analysis and reporting, recommendations to update and improve user's manuals and data element dictionaries, and PADS specifications.

The Contractor shall assist in coordinating with the PADS System administration for recommended enhancements and improvements, and maintain ability to access PADS data and assess quality, quantity and completeness of required data input into PADS.

3.4.6 Quality Assurance Audits

The Contractor shall participate in the implementation of quality assurance audits including review of plans, monitoring of the implementation of the techniques and methods described in the approved plans, preparation of technical reports that present the results of the quality assurance audit activities, and review of quality assurance audit reports.

3.5 Software

The Contractor shall provide support for the development/upgrade; documentation; and evaluation of products, processes, interfaces, simulations, and systems associated with all TWS flight software.

The Contractor shall review draft PBWSs, technical documents, and data (e.g., software quality plans, software development plans, configuration management plans, software test plans, procedures and reports) that specify Cruise Missiles Software Program Requirements.

The Contractor shall identify problems and concerns, and recommend solutions to maximize potential for achieving and maintaining quality TWS software products.

3.5.1 Contract Data Items

The Contractor shall assist the Government in reviewing contract data items submitted by the Prime Contractors in response to the CDRLs, and identifying areas of non-conformance with requirements. The CDRL documents to be tracked and monitored include, but are not limited to:

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- a. System/ software performance/ requirement specifications
- b. Software design specifications
- c. Database documents
- d. Data design documents
- e. Interface documents
- f. Software trouble reports
- g. Software change proposals
- h. Engineering change proposals

3.5.2 Tomahawk Software Status Reviews (TSSRs)

The Contractor shall assist the Government as required in TSSRs by conducting engineering analyses; developing plans and agendas; generating minutes; monitoring the Software Change Proposal (SCP) and Software Trouble Report (STR) database for status and actions; responding to assigned actions; and recommending disposition of SCPs and STRs.

3.5.3 Functional and Physical Configuration Audits

The Contractor shall assist in auditing software processes and products as a team member in software program audits to determine their adequacy, verify that design and physical products meet contractual specifications and fulfill deliverable requirements, prepare government audit discrepancy sheets documenting such findings, and prepare audit check lists and FCA/PCA Reports.

3.5.4 Verification and Validation Activities and Safety Programs

The Contractor shall define, review, monitor, and assess the plans, procedures, and results of activities implemented for Independent (or integrated) Verification and Validation (IV&V and iVV respectively). These IV&V or iVV activities are conducted in support of the development and test of new versions of software. IV&V activities are characterized as tests conducted on a test system "independent" of the software developer, while iVV is characterized as tests defined by the Government or independent agent, but conducted by the developer on the test system(s).

The Contractor shall assist the Government in reviewing, monitoring, and assessing the plans, procedures, and results of activities implemented for the Independent Software Nuclear Safety Analysis (ISNSA) conducted for software changes to the TWS nuclear software.

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The Contractor shall review plans and procedures that describe test and evaluation, verification and validation, simulation, and safety analysis programs, and the data resulting from the implementation of these programs. These documents/data shall be reviewed to determine their adequacy for verifying software product quality and conformance to requirements.

3.5.5 Policies, Standards, Plans and Procedures

The Contractor shall assist the Government in providing technical analyses of methods and techniques used in implementing software programs; and recommend necessary changes in policies, standards, plans and procedures for the TWS Program to effectively complement and implement DoD and Navy project applicable standards, initiatives, and directives governing the acquisition, maintenance and export of software products.

3.6 TWS Conventional Safety Support

The Contractor shall provide technical expertise to support a range of technical investigation and integration analysis for the Government-authorized/regulating conventional systems safety program and FMS customer safety case(s), as required. These analyses shall be performed in compliance with relevant Navy Instructions as promulgated by PEO(W) INST 5100.1 series, the Tomahawk Weapons System Safety Program.

The following paragraphs provide the detailed tasking.

3.6.1 Safety Engineering

The Contractor shall assist the Government in identifying and reporting progression of system safety program milestones as implemented under MIL-STD 882 series, including major program upgrades for software, hardware, and changes to logistical movements or procedures, which could affect system safety.

The Contractor shall assist the Government in performing tasks that include finding and troubleshooting potential hazards, analyzing those found and advising the results of the analysis relative to the overall TWS Safety Programs.

The Contractor shall review ECP inputs to identify safety hazards and ensuring proper analyses have been completed and coordinated with the Nuclear Safety community as required.

3.6.2 Hazardous Materials

The Contractor shall assist the Government in evaluating and reporting on safety qualifications of explosives, pyrotechnics, fuels, hydraulic fluids and other hazardous materials or devices per NAVSEAINST 8020.5 series. Navy, DoD and DOT hazardous materials handling, shipping and storage explosives safety criteria and standards shall

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be the evaluation basis per DOD 4145.26 series.

The Contractor shall provide support to evaluate any material modifications identified to the TWS to ensure that they comply with the submarine materials control list.

3.6.3 DoD/DoT Hazard Classification

The Contractor shall recommend revisions to data packages in accordance with Navy directives and NAVSEAINST 8020.8 series as required to establish DoD/DOT Hazard Classification of all TWS explosives components and devices.

3.6.4 Explosives Facility Site Approval

The Contractor shall provide assistance to TWS Safety and to contractor activities requiring explosives facility site approval by the Navy per DOD 4145.26 series.

3.6.5 Weapon System Explosives Safety Review Board (WSESRB)

The Contractor shall assist the Government in recommending data package inputs, updates, and additional material in support of the WSESRB, the Software Systems Safety Technical Review Panel (SSSTRP) and the Fuzing and Initiation Systems Technical Review Panel (FISTRP) as required by NAVSEAINST 8020.6 series and program acquisition and deployment milestones.

3.6.6 Document Review and Evaluation

The Contractor shall analyze and provide comments on the safety compliance of documents received from contractors, integrating contractors, Primary Support Laboratories (PSL), System Engineering Integrating Agents (SEIA), and other government support activities. Documents reviewed shall include drawings, specifications, reports, engineering change proposals, analyses, safety assessment reports (SARs) and system safety program plans (SSPPs).

The Contractor shall evaluate analyses such as Preliminary Hazard Analysis (PHA), Subsystem Hazard Analysis (SSHA), System Hazard Analysis (SHA), Operating and Support Hazard Analysis (O&SHA), Failure Modes and Effects Analysis (FMEA), Inadvertent Launch Analysis (ILA), and Sneak Circuit Analysis (SCA) for conventional missile variants.

The Contractor shall assist the Government in evaluating flight and ground test plans and results, as they relate to system safety.

3.7 TWS Simulation & Modeling Support

The Contractor shall participate in Tomahawk Simulation Management Board (TSMB) meetings, AUR Simulation Control Panel (SCP) meetings, and Test Configuration SCP

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meetings as required. The Contractor shall review modeling and simulation test data and provide engineering assessments on the adequacy of Tomahawk models and simulations during the accreditation process.

3.8 Advanced Concept Support

The Contractor shall provide programmatic and engineering support for program development efforts for the various emerging and advanced technology programs. These efforts may include aerodynamic, mechanical, electrical, navigational, and software simulations and analyses as well as acquisition planning. These technology areas may include, but are not limited, to the Joint Multi-Effects Warhead (JMEWS), Multi Mission Tomahawk, PTAN, supersonic design, and those technologies specified in the Baseline IV Operational Requirements Document (ORD) Phase 2. The efforts may support future programs as well as assist in the emerging technology assessment and technology roadmap plans. These efforts will provide support to investigate research and development projects, initiate analyses, and evaluate new concepts that support the conduct of technology demonstrations. Typical tasks include:

- a. Perform research in support of advanced technology initiatives.
- b. Research current and emerging technologies in support of program roadmap directives.
- c. Draft white papers, presentations, and reports describing scope of the potential impact of advanced technology insertion on the missile, the operational concept and weapon system.
- d. Participate in technical seminars, meetings and conferences associated with advanced technologies applicable to the TWS.
- e. Assist the Government in performing strategic planning and engineering analyses for evolving missile systems and upgrades to the existing systems.

The Contractor shall provide acquisition planning support to assist in program planning for transition of advanced concepts into program of record for the TWS.

3.9 Program Support

The Contractor shall provide program management support of the TWS development programs, its subsystems and interfaces. The following paragraphs provide the detailed tasking.

3.9.1 Management Support

The Contractor shall perform program planning and coordination support among government and commercial activities to include review of documents, preparation of plans and coordination of program schedules. The Contractor shall when required:

- a. Participate as a member on program IPTs by participating in IPT meetings, working groups, and teleconferences. Tasks shall include:

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- i. Drafting agendas and reviewing criteria.
 - ii. Preparing briefings.
 - iii. Identifying and monitoring action items.
 - iv. Preparing meeting minutes for Government review.
 - v. Assist the Government in assessing the overall status of the TWS.
 - vi. Assist the Government in assessing project progress.
- b. Participate in other TWS IPTs within the Program Office and other TWS organizations as required to represent Program Office efforts.
 - c. Assist the Government in performing programmatic assessments of the requirements for the TWS and associated subsystems, the system segment interfaces, and the TWS Contractors' implementation of their PBWS.
 - d. Assist in reviewing, preparing/maintaining acquisition and security assistance documentation as necessary.
 - e. Participate in preparation of all acquisition reports and documentation for an Acquisition Category (ACAT) I program (Selected Acquisition Report (SAR), Dashboard, Acquisition Program Baseline (APB), Acquisition Strategy Report (ASR), ORD) required to support an ACAT I program and security assistance programs and projects.
 - f. Provide support in creating and maintaining a program Integrated Master Schedule.
 - g. Assess the TWS Contractor's and subcontractor's manufacturing processes prior to production.
 - h. Provide support to the Risk Management Board.
 - i. Assess impact of schedule delays or changes.
 - j. Assess recommended schedule changes for compatibility with program objectives.

4.0 PRODUCTION SUPPORT (WPN)

This section of the PBWS provides for a range of engineering support, technical investigations and integration analyses for production of the TWS.

4.1 Production Engineering

The Contractor shall assist the Government in providing production engineering support of the TWS, its subsystems and interfaces. The Contractor shall assist in performing technical assessments of the TWS Prime Contractors' implementation of the system/sub-system specifications and statements of work. This shall include analysis of the TWS and associated subsystems and the system segment interfaces. The Contractor shall assist the Government in reviewing, preparing and maintaining a variety

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of specifications, interface control and design documents, interface requirements documents and other engineering documentation as necessary.

The Contractor shall assist in evaluating program and technical risks and make recommendations to the Program Office and monitor progress of the risk mitigation activities.

The Contractor shall assist in reviewing and monitoring parts obsolescence issues and making recommendations.

The following paragraphs provide the detailed tasking.

4.1.1 Design Modifications

The Contractor shall assist the Government in performing technical engineering and integration analyses of proposed design modifications for the purpose of determining compliance of the evolving TWS design with specification requirements and shall recommend corrective measures as necessary. In addition, the Contractor analysis shall verify that the modifications include appropriate Anti-Tamper measures.

The Contractor shall assist the Government in assessing the proposed design modifications as they relate to issues pertaining to depot/logistics, safety, SLAP/ In Service Engineering Agent (ISEA), product assurance, and software quality. The Contractor shall use these assessments to evaluate the robustness of the proposed design modifications and provide a recommendation for implementation.

4.1.2 Interfaces

The Contractor shall draft, review and support technical evaluations of the current state of the TWS internal and external (launch platform/WCS and mission planning systems) interfaces to examine the potential impacts of proposed interface modifications for completeness and accuracy, placing particular emphasis upon:

- a. Internal interfaces between the flight computer (and its software), and other components of the guidance system and AUR.
- b. External interfaces between the AUR (and its guidance system), and the launch platform/WCS and mission planning systems.

4.1.3 External Systems

The Contractor shall provide production engineering support of the TWS as necessary to interface with external systems, to include but not be limited to the SSGN AWS including the AWCS and the MAC, the DDG(1000), CG(X), other surface ships and submarines and FMS platforms. In support of this effort the Contractor shall:

- a. Support meetings addressing the interfaces of the TWS to these other systems

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- b. Assist the Government in reviewing system specifications, interface specifications, drawings, and other documentation related to the external interfaces to evaluate their impact on the TWS production.
- c. Support system demonstrations.
- d. Draft, review and support documentation changes as necessary to incorporate the external weapon system interface into the TWS production.

4.2 Acceptance Test and Evaluation (T&E)

The Contractor shall assist the Government in providing technical assessments of the Acceptance T&E requirements and test plans to assure planning supports achievement of stated objectives. The following paragraphs provide the detailed tasking:

4.2.1 Interface/System/Subsystem/Component Tests

The Contractor shall assist in reviewing and assessing the interface, system, subsystem and component testing conducted by the TWS Prime Contractors to demonstrate that system specifications, and performance and interface requirements are met. Examples of this type of testing include HALT, DVT, and FQT.

4.2.2 Functional Ground Test (FGT)

The Contractor shall assist the Government in providing technical and engineering support to ensure that the FGT Program fulfills the SLAP, Production Verification Testing (PVT), Stockpile Evaluation and Reliability Assessment (SEARA), and engineering test objectives.

The Contractor shall perform hardware and software modifications and integration for the modernization of Tomahawk-Missile-in-the-Loop (TMIL) located at the Naval Surface Warfare Center – Indian Head Division (NSWC-IHD), to support the testing of new Tomahawk Block III and Block IV cruise missile variants and related subsystems. Specific support shall include hardware and software engineering, interface, integration, network modifications, and update of required written specifications. The Contractor shall recommend any software changes needed to obtain simulation accreditation. The Contractor shall evaluate simulation changes as part of end-to-end Functional Ground Test support. The Contractor shall also perform end-to-end functional ground test support, real-time mission data and telemetry analysis, network management and troubleshooting, communications support, and general hardware/software hands-on support as applicable.

In support of end-to-end FGT, the Contractor shall provide a simulation operator that is certified as a Team Member Explosive Operator. This certification will include completion of the Basics of Naval Explosives Hazard Control (AAMMO-18-CBT,

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CDROM) training resulting in a Certificate of Training (CDRL A005) and the completion of a Chronological Record of Medical Care by a Licensed Physician (and other qualified medical personnel where applicable). The Contractor shall maintain the completed Chronological Record of Medical Care form and provide a copy of this form along with a certification memo (CDRL A006) to NSWC/IHD. The Chronological Record of Medical Care shall be valid for two years following completion of the examination.

4.2.3 Flight Test

The Contractor shall assist the Government by providing engineering and technical support to ensure that the Flight Test Program meets all established test objectives of the various Flight Tests (FTs), Operational Test Launches (OTLs), and other test as required. The flight test support activities include:

- a. Customer Acceptance Readiness Review (CARR)s
- b. Flight test mission planning and coordination meetings
- c. Mission Control Panel (MCP)s
- d. Mission Readiness Review (MRR)s
- e. Post Mission Quick Look (PMQL)s
- f. Assist with test missile management and tracking
- g. Assist in tracking and reporting on REMs, RSSs, and associated test hardware.
- h. Other associated meetings

The Contractor shall assist the Government in providing failure information and engineering analyses on performance anomalies, and support FRBs and TWS flight failure investigations.

4.3 Configuration Management / Data Management

The Contractor shall assist the Government by providing general Configuration Management support using ANSI/EIA-649 as guidance, and also provide recommendations for configuration identification by assessing, analyzing and providing recommendations for the selection of CIs, and level of government documentation control.

The Contractor shall provide technical support in developing data and data submittal requirements, and continually monitor and assess the processes related to data management and recommend changes when needed to meet government acquisition requirements/initiatives or improve efficiency of data acquisition activities. The Contractor shall copy and upload applicable documents to the Government and Prime

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Contractor's database systems as well as download, distribute, review and evaluate applicable documents.

The following paragraphs provide the detailed tasking.

4.3.1 Configuration Control Board

The Contractor shall provide CCB technical support for the review of change documentation. In addition, the Contractor shall assist the Government in facilitating the CCB through the following:

- a. Provide support related to system change verification and validation.
- b. Support investigations and provide recommendations to resolve issues of data inconsistencies and documentation requirements.
- c. Provide data entry support for Class I ECPs, Major Deviation/Waivers, and Technical Directives.
- d. Provide support regarding missile configuration/status and product baseline data and analysis.
- e. Draft and distribute CCB minutes and actions.

4.3.2 Improvements and Changes

The Contractor shall assist the Government in evaluating technical, cost, safety, and schedule impacts of proposed changes including an assessment of the compliance to applicable standards for change documentation requirements of engineering changes, deviations, and waivers.

The Contractor shall assist the Government in performing technical and other evaluations of TWS ECPs, and perform a detailed review of the technical and other related impacts of TWS deviations and waivers that are submitted.

4.3.3 TWS Configuration

The Contractor shall participate in the implementation of configuration audits including TWS FCA and/or PCA. FCA/PCA participation shall include review of FCA/PCA plans, monitoring of the implementation of the techniques and methods described in the approved plans, and assisting in the preparation of technical reports.

4.4 Product Assurance

The Contractor shall provide support for technical investigation and integration analysis for the RM&QA engineering program, which includes TWS reliability, maintainability and availability assessments and product assurance engineering studies and investigations. The following paragraphs provide the detailed tasking.

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4.4.1 Document Review and Evaluation

The Contractor shall provide the recommendations necessary to support preparation, performance, and monitoring of programmatic actions, initiatives and reviews, which includes, but is not limited to these efforts:

- a. Assist the Government in providing assessments required for the definition and development of RM&QA related requirements such as specifications.
- b. Provide recommendations for the development and/or revision of technical aspects of applicable documentation that may impact the Product Assurance Program. Such documentation is typically identified as quality plans, reliability planning, RIP plans, and STRAP plans.
- c. Assist the Government in evaluating and reporting the technical adequacy of the TWS Contractors' documentation, including plans, procedures and reports, in complying with the TWS program requirements.

4.4.2 Product Assurance Engineering

The Contractor shall assist the Government in providing in-depth product assurance engineering and analyses on investigations into technical problems impacting reliability, maintainability, and quality assurance, which includes, but is not limited to these efforts.

- a. Draft, review and support engineering investigations into specific problems relating to the TWS, as well as specific systems, subsystems and replaceable assemblies of the TWS. Provide results and recommendations for corrective action commensurate with program requirements and initiatives.
- b. Provide engineering support required to evaluate the TWS Contractors' efforts in failure reporting, analysis and corrective actions, environmental stress screening and manufacturing/test programs. This includes investigation and analysis for adequacy and effectiveness.
- c. Assist the Government in evaluating the impact of hardware/software changes under consideration by the CCB on missile, system and component reliability/quality. These studies should relate results to the TWS mission and program requirements.
- d. Conduct independent technical investigations, as required, to correlate field failure causes with production related quality defects and test failures.

4.4.3 Reliability, Maintainability and Availability

The Contractor shall assist the Government in providing assessments of TWS reliability, maintainability and availability, which includes but is not limited to these efforts.

- a. Assess/predict flight and field TWS reliability including individual missiles, specific variants or total AUR population. Utilize or modify existing prediction computer programs developed for

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TWS whenever required by this effort.

- b. Assist the Government in performing reliability growth assessments as a function of mission reliability goals and configuration baseline.
- c. Assist the Government by monitoring, reviewing and assessing production, depot and field reject rates for missiles and the weapon control system. Assess trends and analyze effectiveness of corrective actions.
- d. Assist the Government by performing assessments of the AUR in association with STRAP requirements to include monitoring and assessing trends, which impact the STRAP and SLAP.

4.4.4 Reliability/Failure Analyses

The Contractor shall assist the Government in conducting and/or assessing the results of reliability and failure analysis of technical issues arising during the TWS life cycle (i.e. development, production, operation and maintenance activities) which includes but is not limited to these efforts.

- a. Review test equipment requirements and assess the need to conduct acceptance or other tests beyond those required by the appropriate specifications for full-rate production.
- b. Review test results, failure analyses findings and conclusions and provide recommendations in the case of a test failure.
- c. Provide recommendations on parts obsolescence issues.

4.4.5 Product Assurance Database System (PADS)

The Contractor shall assist the Government in providing support for the utilization and improvement/enhancement of the TOMIS PADS, including data modeling, data analysis and reporting, recommendations to update and improve user's manuals and data element dictionaries, and PADS specifications.

The Contractor shall assist in coordinating with the PADS System administration for recommended enhancements and improvements, and maintain ability to access PADS data and assess quality, quantity and completeness of required data input into PADS.

4.4.6 Quality Assurance Audits

The Contractor shall participate in the implementation of quality assurance audits including review of plans, monitoring of the implementation of the techniques and methods described in the approved plans, preparation of technical reports that present the results of the quality assurance audit activities, and review of quality assurance audit reports.

4.5 Software

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The Contractor shall provide support for modifications required by production; documentation; and evaluation of products, processes, interfaces, simulations, and systems associated with all TWS flight software.

The Contractor shall review draft PBWSs, technical documents, and data (e.g., software quality plans, software modification plans, configuration management plans, software test plans, procedures and reports) that specify Cruise Missiles Software Program Requirements.

The Contractor shall identify problems and concerns, and recommend solutions to maximize potential for achieving and maintaining quality TWS software products.

The Contractor shall evaluate software programs as they pertain to software modified and maintained in accordance with legacy standards and specifications and as they evolve to meet current and future acquisition requirements.

The following paragraphs provide the detailed tasking.

4.5.1 Contract Data Items

The Contractor shall assist the Government in reviewing contract data items submitted by the Prime Contractors in response to the CDRLs, and identifying areas of non-conformance with requirements. The CDRL documents to be tracked and monitored include, but are not limited to:

- a. System/ software performance/ requirement specifications.
- b. Software design specifications.
- c. Database documents.
- d. Data design documents.
- e. Interface documents.
- f. Software trouble reports.
- g. Software change proposals.
- h. Engineering change proposals

4.5.2 Tomahawk Software Status Reviews

The Contractor shall assist the Government as required in TSSRs by conducting engineering analyses; developing plans and agendas; generating minutes; monitoring the SCP and STR database for status and actions; responding to assigned actions; and

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recommending disposition of SCPs and STRs.

4.5.3 Functional and Physical Configuration Audits

The Contractor shall assist in auditing software processes and products as a team member in software program audits to determine their adequacy, verify that design and physical products meet contractual specifications and fulfill deliverable requirements, prepare government audit discrepancy sheets documenting such findings, and prepare audit check lists and FCA/PCA Reports.

4.5.4 Verification and Validation Activities and Safety Programs

The Contractor shall define, review, monitor, and assess the plans, procedures, and results of activities implemented for IV&V and iVV. These IV&V or iVV activities are conducted in support of the development and test of new versions of software. IV&V activities are characterized as tests conducted on a test system "independent" of the software developer, while iVV is characterized as tests defined by the Government or independent agent, but conducted by the developer on the test system(s).

The Contractor shall assist the Government in reviewing, monitoring, and assessing the plans, procedures, and results of activities implemented for the ISNSA conducted for software changes to the TWS nuclear flight software.

The Contractor shall review plans and procedures that describe test and evaluation, verification and validation, simulation, and safety analysis programs, and the data resulting from the implementation of these programs. These documents/data shall be reviewed to determine their adequacy for verifying software product quality and conformance to requirements.

4.5.5 Policies, Standards, Plans and Procedures

The Contractor shall assist the Government in providing technical analyses of methods and techniques used in implementing software programs; and recommend necessary changes in policies, standards, plans and procedures for the TWS Program to effectively complement and implement DoD and Navy project applicable standards, initiatives, and directives governing the acquisition, maintenance and export of software products.

4.6 TWS Conventional Safety Support

The Contractor shall provide technical expertise to support a range of technical investigation and integration analysis for the Government-authorized/regulated conventional systems safety program and FMS customer safety case(s), as required. These analyses shall be performed in compliance with relevant Navy Instructions as promulgated by PEO(W) INST 5100.1 series, the Tomahawk Weapons System Safety Program.

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The following paragraphs provide the detailed tasking

4.6.1 Safety Engineering

The Contractor shall assist the Government in identifying and reporting progression of system safety program milestones as implemented under MIL-STD 882 series, including major program upgrades for software, hardware, and changes to logistical movements or procedures, which could affect system safety.

The Contractor shall assist the Government in performing tasks that include finding and troubleshooting potential hazards, analyzing those found and advising the results of the analysis relative to the overall TWS Safety Programs.

The Contractor shall review ECP inputs to identify safety hazards and ensuring proper analyses have been completed and coordinated with the Nuclear Safety community as required.

4.6.2 Hazardous Materials

The Contractor shall assist the Government in evaluating and reporting on safety qualifications of explosives, pyrotechnics, fuels, hydraulic fluids and other hazardous materials or devices per NAVSEAINST 8020.5 series. Navy, DoD and DOT hazardous materials handling, shipping and storage explosives safety criteria and standards shall be the evaluation basis per DOD 4145.26 series.

The Contractor shall provide support to evaluate any material modifications identified to the TWS to ensure that they comply with the submarine materials control list.

4.6.3 DoD/DoT Hazard Classification

The Contractor shall recommend revisions to data packages in accordance with Navy directives and NAVSEAINST 8020.8 series as required to establish DoD/DOT Hazard Classification of all TWS explosives components and devices.

4.6.4 Explosives Facility Site Approval

The Contractor shall provide assistance to the TWS Safety and to contractor activities requiring explosives facility site approval by the Navy per DOD 4145.26 series.

4.6.5 Weapon System Explosives Safety Review Board (WSESRB)

The Contractor shall assist the Government in recommending data package inputs, updates and additional material in support of the WSESRB, the SSSTRP and the FISTRP as required by NAVSEAINST 8020.6 series and program acquisition and deployment milestones.

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4.6.6 Document Review and Evaluation

The Contractor shall analyze and provide comments on the safety compliance of documents received from contractors, integrating contractors, PSL, SEIA, and other Government support activities. Documents reviewed shall include drawings, specifications, reports, engineering change proposals, analyses, SARs and SSPPs.

The Contractor shall evaluate analyses such as PHA, SSHA, SHA, O&SHA, FMEA, ILA, and Sneak Circuit Analysis (SCA) for conventional missile variants.

The Contractor shall assist the Government in evaluating flight and ground test plans and results, as they relate to system safety.

4.7 TWS Simulation & Modeling Support

The Contractor shall participate in TSMB meetings, AUR SCP meetings, and Test Configuration SCP meetings as required. The Contractor shall review modeling and simulation test data and provide engineering assessments on the adequacy of Tomahawk models and simulations during the accreditation process.

4.8 Program Management Support

The Contractor shall provide program management support of the TWS, its subsystems and interfaces. The following paragraphs provide the detailed tasking.

4.8.1 Management Support

The Contractor shall perform program planning and coordination support among government and commercial activities to include review of documents, preparation of plans and coordination of program schedules. The Contractor shall when required:

- a. Participate as a member on program IPTs by participating in IPT meetings, working groups, and teleconferences. Tasks shall include:
 - i. Drafting agendas and reviewing criteria.
 - ii. Preparing briefings.
 - iii. Identifying and monitoring action items.
 - iv. Preparing meeting minutes for Government review.
 - v. Assist the Government in assessing the overall status of the TWS.
 - vi. Assist the Government in assessing project progress.
- b. Participate in other TWS IPTs within the Program Office and other TWS organizations as

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required to represent Program Office efforts.

- c. Assist the Government in performing programmatic assessments of the requirements for the TWS and associated subsystems, the system segment interfaces, and the TWS Contractors' implementation of their PBWS.
- d. Assist in reviewing, preparing/maintaining acquisition and security assistance documentation as necessary.
- e. Participate in preparation of all acquisition reports and documentation for an ACAT I program (SAR, Dashboard, APB, ASR, ORD) required to support the TWS production decisions and security assistance programs and projects.
- f. Provide support in creating and maintaining a program Integrated Master Schedule.
- g. Assess the TWS contractor's and subcontractor's manufacturing processes prior to cutting in any production changes.
- h. Provide support to the Risk Management Board.
- i. Assess impact of schedule delays or changes as a result of failures.
- j. Assist the Government in analyzing ECPs, technical changes and production problems for impact to production.
- k. Assess recommended schedule changes for compatibility with program objectives.
- l. Provide technical Analysis of contract proposals from the TWS prime contractors.
- m. Provide support to maintain PMA 280 prime contracts.

The Contractor shall monitor the procurement and delivery status of Government Furnished Material/Property (GFM/P) and review the Prime Contractor's status summary reports. Additionally, the Contractor shall conduct the necessary research to determine responsibility for GFM/P repair and monitor accountable balance reports to maintain visibility of material in the repair cycle. The Contractor shall ensure all GFM/P is processed for repair, recertification, or modification, or disposal to support recurring production requirements. The Contractor shall be responsible for the management of this material in a manner that supports contract requirements, including all specified periods of performance. In performing the following duties the Contractor shall:

- a. Retrieve, analyze, and document database information for the supply and demand of GFE.
- b. Provide recommendations to the program office on disposition of GFE on plant clearances.
- c. Attend Program Management Reviews (PMRs) and Integrated Product Team (IPT) meetings.

5.0 POST PRODUCTION SUPPORT

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This section of the PBWS provides for a range of program management support, technical investigations and integration analyses for post production of the AUR, and its associated systems and subsystems.

5.1 Systems Engineering

The Contractor shall assist the Government in providing technical, engineering, integration, and analyses/assessments of the proposed design changes of the TWS, its subsystems and interfaces to include engineering analyses of contract proposals, ECPs, post-production problems, and technical changes. In addition, the Contractor shall participate in any related on-site reviews at the production facilities.

The Contractor shall assist the Government by providing systems engineering support of the TWS, its subsystems and interfaces. The Contractor shall assist in performing technical assessments of the TWS Prime Contractors' implementation of the system/sub-system specifications and statements of work. This shall include analysis of the TWS and associated subsystems and the system segment interfaces. The Contractor shall assist the Government in reviewing, preparing and maintaining a variety of specifications, interface control and design documents, interface requirements documents and other engineering documentation as necessary.

The Contractor shall assist in reviewing and monitoring parts obsolescence issues and making recommendations.

The following paragraphs provide the detailed tasking.

5.1.1 Design Changes

The Contractor shall assist the Government in performing technical engineering and integration analyses of proposed design changes for the purpose of determining compliance of the evolving TWS design with specification requirements and shall recommend corrective measures as necessary. In addition, the Contractor analysis shall verify that the design includes appropriate Anti Tamper measures.

The Contractor shall assist the Government in assessing the proposed design changes as they relate to issues pertaining to depot/logistics, safety, SLAP / ISEA, product assurance, and software quality. The Contractor shall use these assessments to evaluate the robustness of the proposed design changes and provide a recommendation for implementation.

5.1.2 Interfaces

The Contractor shall draft, review and support technical evaluations of the current state of the TWS internal and external (launch platform/WCS and mission planning systems) interfaces to examine the potential impacts of proposed interface changes for

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completeness and accuracy, placing particular emphasis upon:

- a. Internal interfaces between the flight computer (and its software), and other components of the guidance system and AUR.
- b. External interfaces between the AUR (and its guidance system), and the launch platform/WCS and mission planning systems.

5.1.3 Service Life Assessment Program Technical Support

The Contractor shall assist the Government in coordinating the conduct of all independent technical investigation and integration analysis for the TWS SLAP related tasks , which includes the following:

- a. Perform data analyses from existing test programs (STRAP, OTL, FGT, SEARA, component surveillance test program, etc.) and from maintenance activities to evaluate relevance to proposed Maintenance Due Dates and Service Life extensions.
- b. Provide recommendations to the Program Office regarding future depot and Operational and Intermediate (O&I) level maintenance activities and test/equipment requirements.
- c. Participate in on-going Recertification Interval Extension Program (RIEP) studies to extend depot level maintenance intervals and to streamline maintenance at the depot/intermediate levels.
- d. Recommend AUR candidates for FGT, OTL, SEARA, and STRAP testing.
- e. Monitor relevant AUR system/ subsystem production, depot, and O&I level technical issues and provide recommendations for resolution.

5.1.4 External Systems

The Contractor shall provide systems engineering support of the TWS as necessary to interface with external systems, to include but not be limited to the SSGN AWS including the AWCS and the MAC, the DDG(1000), CG(X), other surface ships and submarines and FMS platforms. In support of this effort the Contractor shall:

- a. Support meetings addressing the interfaces of the TWS to these other systems.
- b. Assist the Government in reviewing system specifications, interface specifications, drawings, and other documentation related to the external interfaces to evaluate their impact on the TWS.
- c. Support system demonstrations.
- d. Draft, review and support documentation changes as necessary to incorporate the external weapon system interface into the TWS.

5.2 Test and Evaluation

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The Contractor shall draft, review and support technical assessments of the T&E requirements and test plans to assure planning supports achievement of stated objectives. In addition, assist the Government in reviewing and evaluating the test results as necessary. The following paragraphs provide the detailed tasking.

5.2.1 Interface/System/Subsystem/Component Tests

The Contractor shall assist the Government in reviewing and assessing the interface, system, subsystem and component testing conducted by the TWS Prime Contractors to demonstrate that system specifications, and performance and interface requirements are be met. Examples of this type of testing include HALT, DVT, and FQT.

5.2.2 Functional Ground Test

The Contractor shall assist the Government by providing technical and engineering support to ensure that the FGT Program fulfills the SLAP, PVT, SEARA, and engineering test objectives.

The Contractor shall perform hardware and software design, development, and integration for the modernization of Tomahawk-Missile-in-the-Loop (TMIL) located at the Naval Surface Warfare Center – Indian Head Division (NSWC-IHD), to support the testing of new Tomahawk Block III and Block IV cruise missile variants and related subsystems. Specific support shall include hardware and software systems engineering, interface design, integration, network development, and update of required written specifications. The Contractor shall recommend any software changes needed to obtain simulation accreditation. The Contractor shall evaluate simulation changes as part of end-to-end Functional Ground Test support. The Contractor shall also perform end-to-end functional ground test support, real-time mission data and telemetry analysis, network management and troubleshooting, communications support, and general hardware/software hands-on support as applicable.

In support of end-to-end FGT, the Contractor shall provide a simulation operator that is certified as a Team Member Explosive Operator. This certification will include completion of the Basics of Naval Explosives Hazard Control (AAMMO-18-CBT, CDROM) training resulting in a Certificate of Training (CDRL A005) and the completion of a Chronological Record of Medical Care by a Licensed Physician (and other qualified medical personnel where applicable). The Contractor shall maintain the completed Chronological Record of Medical Care form and provide a copy of this form along with a certification memo (CDRL A006) to NSWC/IHD. The Chronological Record of Medical Care shall be valid for two years following completion of the examination.

5.2.3 Flight Test

The Contractor shall assist the Government by providing engineering and technical

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support to ensure that the Flight Test Program meets all established test objectives of the various FTs, OTLs, and other test as required. The flight test support activities include:

- a. CARRs
- b. Flight test mission planning and coordination meetings
- c. MCPs
- d. MRRs
- e. PMQLs
- f. Assist with test missile management and tracking
- g. Assist in tracking and reporting on REMs, RSS's, and associated test hardware.
- h. Other associated meetings.

The Contractor shall assist the Government by providing failure information and engineering analyses on performance anomalies, and support FRBs and TWS flight failure investigations.

5.3 Configuration Management / Data Management

The Contractor shall assist the Government in providing general CM support using ANSI/EIA-649 as guidance, and also provide recommendations for configuration identification by assessing, analyzing and providing recommendations for the selection of CIs, and level of government documentation control.

The Contractor shall provide technical support in developing data and data submittal requirements, and continually monitor and assess the processes related to data management and recommend changes when needed to meet government acquisition requirements/initiatives or improve efficiency of data acquisition activities. The Contractor shall copy and upload applicable documents to the Government and Prime Contractors' database system as well as download, distribute, review and evaluate applicable documents.

The Contractor shall copy and upload applicable documents to the Government and Prime Contractor's database systems as well as download, distribute, review and evaluate applicable documents.

The following paragraphs provide the detailed tasking:

5.3.1 Configuration Control Board

The Contractor shall provide CCB technical support for the review of change

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documentation. In addition, the Contractor shall assist the Government in facilitating the CCBs through the following:

- a. Provide support related to system change verification and validation.
- b. Support investigations and provide recommendations to resolve issues of data inconsistencies and documentation requirements.
- c. Provide data entry support for Class I ECPs, Major Deviation/Waivers, and Technical Directives.
- d. Provide support regarding missile configuration/status and product baseline data and analysis.
- e. Draft and distribute CCB minutes and actions.

5.3.2 Improvements and Changes

The Contractor shall assist the Government in evaluating technical, cost, safety, and schedule impacts of proposed changes including an assessment of the compliance to applicable standards for change documentation requirements of engineering changes, deviations, and waivers.

The Contractor shall assist the Government perform technical and other evaluations of TWS ECPs, deviations and waivers that are submitted.

5.3.3 TWS Configuration

The Contractor shall participate in configuration audits including FCAs and/or PCAs. FCA/PCA participation shall include review of FCA/PCA plans, monitoring the implementation of the techniques and methods described in the approved plans, and assisting in the preparation of technical reports.

5.4 Product Assurance

The Contractor shall provide support for technical investigation and integration analysis for the RM&QA engineering program, which includes TWS reliability, maintainability and availability assessments and product assurance engineering studies and investigations. The following paragraphs provide the detailed tasking.

5.4.1 Document Review and Evaluation

The Contractor shall provide the recommendations necessary to support preparation, performance, and monitoring of programmatic actions, initiatives and reviews, which includes, but is not limited to these efforts:

- a. Assist the Government in providing assessments required for the definition and development of RM&QA related requirements such as specifications.

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- b. Provide recommendations for the development and/or revision of technical aspects of applicable documentation that may impact the Product Assurance Program. Such documentation is typically identified as quality plans, reliability planning, RIP plans, and STRAP plans.
- c. Assist the Government in evaluating and reporting the technical adequacy of the TWS Contractors' documentation, including plans, procedures and reports, in complying with the TWS program requirements.

5.4.2 Product Assurance Engineering

The Contractor shall assist the Government in providing in-depth product assurance engineering and analyses on investigations into technical problems impacting reliability, maintainability, and quality assurance, which includes, but is not limited to these efforts:

- a. Draft, review and support engineering investigations into specific problems relating to the TWS, as well as specific systems, subsystems and replaceable assemblies of the TWS. Provide results and recommendations for corrective action commensurate with program requirements and initiatives.
- b. Provide engineering support required to evaluate the TWS Contractors' efforts in failure reporting, analysis and corrective actions, environmental stress screening and manufacturing/test programs. This includes investigation and analysis for adequacy and effectiveness.
- c. Assist the Government in evaluating the impact of hardware/software changes under consideration by the CCB on missile, system and component reliability/quality. These studies should relate results to the TWS mission and program requirements.
- d. Conduct independent technical investigations, as required, to correlate field failure causes with production related quality defects and test failures.

5.4.3 Reliability, Maintainability and Availability

The Contractor shall assist the Government in providing assessments of TWS reliability, maintainability and availability, which includes but is not limited to these efforts:

- a. Assess/predict flight and field TWS reliability including individual missiles, specific variants or total AUR population. Utilize or modify existing prediction computer programs developed for TWS whenever required by this effort.
- b. Assist the Government by performing reliability growth assessments as a function of mission reliability goals and configuration baseline.
- c. Assist the Government by monitoring, reviewing and assessing production, depot and field reject rates for missiles and the weapon control system. Assess trends and analyze effectiveness of corrective actions.

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- d. Assist the Government by performing assessments of the TWS in association with STRAP requirements to include monitoring and assessing trends, which impact the STRAP and SLAP.

5.4.4 Reliability/Failure Analyses

The Contractor shall assist the Government in conducting and/or assessing the results of reliability and failure analysis of technical issues arising during the TWS life cycle (i.e. development, production, operation and maintenance activities) which includes but is not limited to the following:

- a. Review test equipment requirements and assess the need to conduct acceptance or other tests beyond those required by the appropriate specifications prior to full-rate production.
- b. Review test results, failure analyses findings and conclusions and provide recommendations in the case of a test failure.
- c. Provide recommendations on parts obsolescence issues.

5.4.5 Product Assurance Database System

The Contractor shall assist the Government in providing support for the utilization and improvement/enhancement of the TOMIS PADS, including data modeling, data analysis and reporting, recommendations to update and improve user's manuals and data element dictionaries, and PADS specifications.

The Contractor shall assist in coordinating with the PADS System administration for recommended enhancements and improvements, and maintain ability to access PADS data and assess quality, quantity and completeness of required data input into PADS.

5.4.6 Quality Assurance Audits

The Contractor shall participate in the implementation of quality assurance audits including review of plans, monitoring of the implementation of the techniques and methods described in the approved plans, preparation of technical reports that present the results of the quality assurance audit activities, and review of quality assurance audit reports.

5.5 Software

The Contractor shall provide support for the development/upgrade; documentation; and evaluation of products, processes, interfaces, simulations, and systems associated with all TWS flight software.

The Contractor shall review draft PBWSs, technical documents, and data (e.g., software quality plans, software development plans, configuration management plans, software test plans, procedures and reports) that specify Cruise Missiles Software Program

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Requirements.

The Contractor shall identify problems and concerns, and recommend solutions to maximize potential for achieving and maintaining quality TWS software products.

The Contractor shall evaluate software programs as they pertain to software developed and maintained in accordance with legacy standards and specifications and as they evolve to meet current and future acquisition requirements.

The following paragraphs provide the detailed tasking.

5.5.1 Contract Data Items

The Contractor shall assist the Government in reviewing contract data items submitted by the Prime Contractors in response to the CDRLs, and identifying areas of non-conformance with requirements. The CDRL documents to be tracked and monitored include, but are not limited to:

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- h. Engineering change proposals

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The Contractor shall assist the Government as required in TSSRs by conducting engineering analyses; developing plans and agendas; generating minutes; monitoring the SCP and STR database for status and actions; responding to assigned actions; and recommending disposition of SCPs and STRs.

5.5.3 Functional and Physical Configuration Audits

The Contractor shall assist in auditing software processes and products as a team member in software program audits to determine their adequacy, verify that design and physical products meet contractual specifications and fulfill deliverable requirements, prepare government audit discrepancy sheets documenting such findings, and prepare

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audit check lists and FCA/PCA Reports.

5.5.4 Verification and Validation Activities and Safety Programs

The Contractor shall define, review, monitor, and assess the plans, procedures, and results of activities implemented for IV&V and iVV. These IV&V or iVV activities are conducted in support of the development and test of new versions of software. IV&V activities are characterized as tests conducted on a test system “independent” of the software developer, while iVV is characterized as tests defined by the Government or independent agent, but conducted by the developer on the test system(s).

The Contractor shall assist the Government in reviewing, monitoring, and assessing the plans, procedures, and results of activities implemented for the ISNSA conducted for software changes to the TWS nuclear software.

The Contractor shall review plans and procedures that describe test and evaluation, verification and validation, simulation, and safety analysis programs, and the data resulting from the implementation of these programs. These documents/data shall be reviewed to determine their adequacy for verifying software product quality and conformance to requirements.

5.5.5 Policies, Standards, Plans and Procedures

The Contractor shall assist the Government in providing technical analyses of methods and techniques used in implementing software programs; and recommend necessary changes in policies, standards, plans and procedures for the TWS Program to effectively complement and implement DoD and Navy project applicable standards, initiatives, and directives governing the acquisition, maintenance and export of software products.

5.6 TWS Conventional Safety Support

The Contractor shall provide technical expertise to support a range of technical investigation and integration analysis for the Government-authorized/regulated conventional systems safety program and FMS customer safety case(s), as required. These analyses shall be performed in compliance with relevant Navy Instructions as promulgated by PEO(W) INST 5100.1 series, the Tomahawk Weapons System Safety Program.

The following paragraphs provide the detailed tasking.

5.6.1 Safety Engineering

The Contractor shall assist the Government in identifying and reporting progression of system safety program milestones for all variants of the AUR and launch platforms/WCS as implemented under MIL-STD 882 series, including major program upgrades for software, hardware, and changes to logistical movements or procedures, which could

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affect system safety.

The Contractor shall assist the Government in performing tasks that include finding and troubleshooting potential hazards, analyzing those found and advising the results of the analysis relative to the overall TWS Safety Programs.

The Contractor shall review ECP inputs to identify safety hazards and ensuring proper analyses have been completed and coordinated with the Nuclear Safety community as required.

5.6.2 Hazardous Materials

The Contractor shall assist the Government in evaluating and reporting on safety qualifications of explosives, pyrotechnics, fuels, hydraulic fluids and other hazardous materials or devices per NAVSEAINST 8020.5 series. Navy, DoD and DOT hazardous materials handling, shipping and storage explosives safety criteria and standards shall be the evaluation basis per DOD 4145.26 series.

The Contractor shall provide support to evaluate any material modifications identified to the TWS to ensure that they comply with the submarine materials control list.

5.6.3 DoD/DoT Hazard Classification

The Contractor shall recommend revisions to data packages in accordance with Navy directives and NAVSEAINST 8020.8 series as required to establish DoD/DOT Hazard Classification of all TWS explosives components and devices.

5.6.4 Explosives Facility Site Approval

The Contractor shall provide assistance to the TWS safety and to contractor activities requiring explosives facility site approval by the Navy per DOD 4145.26 series.

5.6.5 Weapon System Explosives Safety Review Board

The Contractor shall assist the Government in recommending data package inputs, updates, and additional material in support of the WSESRB, the SSSTRP and the FISTRP as required by NAVSEAINST 8020.6 series and program acquisition and deployment milestones.

5.6.6 Document Review and Evaluation

The Contractor shall analyze and provide comments on the safety compliance of documents received from contractors, integrating contractors, PSL, SEIA, and other government support activities. Documents reviewed shall include drawings, specifications, reports, engineering change proposals, analyses, SARs and SSPPs.

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The Contractor shall evaluate analyses such as PHA, SSHA, SHA, O&SHA, FMEA, ILA, and SCA for conventional missile variants.

The Contractor shall assist the Government in evaluating flight and ground test plans and results, as they relate to system safety.

5.7 TWS Simulation & Modeling Support

The Contractor shall participate in TSMB meetings, AUR SCP meetings, and Test Configuration SCP meetings as required. The Contractor shall review modeling and simulation test data and provide engineering assessments on the adequacy of Tomahawk models and simulations during the accreditation process.

5.8 TWS Nuclear Safety Support

The Contractor shall provide for a range of technical investigation, integration analyses and coordination required to maintain or achieve nuclear certification of any TWS in the Fleet capable of launching the Tomahawk Land Attack Missile-Nuclear (TLAM-N). This section supports the PEO(U&W) Nuclear Programs function and provides the detailed tasking.

5.8.1 Nuclear TWS

The Contractor shall support the PEO(U&W) mission, which includes fielding and maintaining the Navy's nuclear TWS, the system capable of launching the TLAM-N with W80 Mod 0 nuclear warhead. The Program Office is responsible for maintaining the Block II nuclear missile airframe, the UGM-109A, and fulfilling the overall guidance and requirements of the DoD and of the Navy nuclear safety programs.

5.8.2 DoD Direction

The Contractor shall support DoD direction for the TWS, which requires that nuclear weapon systems be evaluated throughout their DoD life cycles for compliance with the four DoD nuclear weapon system safety standards (Reference: DoDD 3150.2). Direction requires that the systems shall be designed, maintained, transported, stored, and employed to incorporate maximum safety, consistent with operational requirements, and requires that nuclear weapon systems shall be designed or improved to the maximum extent practical with current and approved advanced safety technologies, consistent with cost and operational feasibility.

5.8.3 PEO(U&W) Nuclear Programs

The Contractor shall support the PEO(U&W) Nuclear Programs which implement the requirements of higher authority by ensuring that safety, consistent with operational requirements, is designed into the nuclear TWS including subsystems, packaging, handling, storage and transportation equipment, support equipment, and facilities.

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5.8.4 Certification of Nuclear-Capable TWS

The Contractor shall assist the Government in providing a range of management support, investigations, and analyses for the Nuclear Programs function to ensure that nuclear TWS continues to meet DoD nuclear safety requirements and certifications.

5.8.5 Continued Certification of Nuclear TWS

The Contractor shall provide the following engineering and program services for the continued certification of the existing nuclear-capable TWS.

- a. Recommend Plans of Action and Milestones (POA&M) for nuclear certification as required by the DoDD 3150.2 and OPNAVINST 8110.18 series and as implemented under PEO(CU) instructions 8110.1, 8110.2 and 8110.3.
- b. Assist the Government in providing analysis for critical milestones and problem areas, with recommended solutions, as part of coordinating preparations for, and conduct of, all TWS nuclear weapon system safety studies and operational safety reviews as required by DoDD 3150.2 and OPNAVINST 8110.18 series.
- c. Provide support to PEO(U&W) Nuclear Programs for nuclear weapon systems safety studies and operational safety reviews, as convened by OPNAV N411C, by assisting in preparing the purpose, scope, agenda, data package, and assisting the overall coordinator for the study or review in concert with the Chair of the Nuclear Weapon System Safety Group (NWSSG) in accordance with DoDD 3150.2, DoDD O-5210.41, CJCSI 3260.01, OPNAVINST 8110.18 Series, OPNAVINST S8126.1 series and SECNAVINST 5510.35.
- d. Assist the Government in preparing for, planning, and reporting on safety study interface working group (IWG) meetings, safety study rehearsals, and other planning and coordinating meetings, and tracking of action items for safety studies and reviews.
- e. Assist the Government by maintaining a database for all Tomahawk related nuclear safety findings and proposed nuclear safety studies and operational safety reviews and drafting annual status reports on NWSSG findings as required by OPNAVINST 8110.18 series.
- f. Work with the Type Commanders to ensure the draft Concept of Operations for TLAM-N and the draft safety rules are complete and accurate and meet Fleet requirements in accordance with DoDD 3150.2 and OPNAVINST 8110.18 series.
- g. Assist the Type Commanders in ensuring that the TLAM-N Force Regeneration process and procedures are current and accurate in accordance with PEO(CU)INST 8110.1 and COMNAVSUBFORINST 8120.2 series.
- h. Support PEO(U&W) Nuclear Programs in formulation of nuclear safety policy and methodology in accordance with DoDD 3150.2, OPNAVINST 8110.18 series, SECNAVINST 5510.35, PEO(CU)INST 8110.2, JCMPINST 8120.1A and PEO(W)INST 8120.2 Series.

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- i. Assist in the planning, development and recommend responses to requests for assessment of specific W80/TLAM-N nuclear issues from higher authority.
- j. Review and comment on the conduct of an Independent Software Nuclear Safety Analysis (ISNSA) for nuclear critical software involved in the nuclear TWS as implemented under PEO(CU)INST 8110.3.
- k. Support Unauthorized Launch Analysis (ULA) for SSN 688 Class submarines for torpedo tube launching, as implemented under JCMPINST 8120.1A.
- l. Support ILA for SSN 688 Class submarines for torpedo tube launching and related components as implemented under PEO(W)INST 8120.2 Series.
- m. Assist the Government in ensuring that DoD and DON nuclear safety requirements flow down to the design agents and program participants as part of the nuclear certification plans whenever improvements or enhancements are made to the nuclear TWS, as implemented under PEO(CU)INST 8110.2.
- n. Participate in the review for continued certification of storage facilities for nuclear missile airframes (the torpedo tube configured UGM-109A-1), warheads, and TLAM-N AURs in accordance with DoDD O-5210.41, CJCSI 3260.01, OPNAVINST S8126.1 series, SECNAVINST 5510.35, CMPINST 8120.3A, PEO(W)INST 8110.2 and JCMPINST 8120.1A.
- o. Participate in the review of depot facilities involved in the re-certification of the nuclear missile airframe, UGM-109A-1, including an annual audit of depot procedures and facilities as implemented by the manufacturer's Nuclear Certification Plan.
- p. Participate in the review of the Stockpile Evaluation and Reliability Assessment (SEARA) program for the TLAM-N in accordance with OPNAVINST 4855.1 series and PEO(CU)INST 4855.5 Series.
- q. Participate in the W80 Project Officers Group and subgroup meetings as requested.
- r. Participate in the review of Special Weapons Ordinance Publications (SWOPs) applicable to the nuclear TWS and the W80 warhead and other publications.
- s. Draft Functional Flow Diagrams for all aspects of the nuclear TWS, emphasizing completeness and logical development, and ensuring inclusion of all contributing elements with the proper levels of security.
- t. Assist in provide technical analysis and support in the areas of computer security, including cryptographic techniques and methods appropriate to protecting nuclear critical Tomahawk data assets in accordance with OPNAVINST S8126.1 series, OPNAVINST 8023.19 series and SECNAVINST 5510.35.
- u. Assist the Government in coordinating with Director Strategic Systems Programs (DIRSSP) for the continued nuclear safety of the Military First Destinations and Service Storage Facilities for the UGM-109A airframe, warhead, and TLAM-N AUR.

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5.8.6 Liaison Requirements

The Contractor shall support fulfillment of DoD and DON requirements for nuclear safety and continued and new nuclear certification by assisting the Government in providing continual liaison with the commands and activities external to PEO(U&W). These include but are not limited to:

- a. Program offices and other components within the PEO(U&W) and their contractors.
- b. Naval Air Systems Command (NAVAIR), laboratories, and contractors.
- c. DIRSSP, Special Weapons Facilities, and contractors.
- d. Program Executive Office Submarines (PEO(SUB)).
- e. NAVSEA components, laboratories, and contractors.
- f. Fleet components.
- g. Air Force components.
- h. Other DoD components and contractors.
- i. NNSA components and national laboratories.
- j. National Security Agency (NSA)

5.8.7 Documentation/Instruction Review and Evaluation

The Contractor shall analyze and provide comments on the safety compliance and maintenance of nuclear safety documents assigned to the PEO(U&W) Nuclear Programs.

The Contractor shall analyze and provide comments on the safety compliance of documents received from Contractors, integrating Contractors, Support Laboratories, SEIA and other government support activities. Documents reviewed shall include drawings, specifications, reports, engineering change proposals, analyses, and activity SSPP. The evaluation of certain analyses shall be of specific importance. These include System Requirements/Criticality Analysis (SR/CA), System Nuclear Criticality Analysis (SNCA), PHA, SSHA, SHA, O&SHA, ILA, ULA and ISNSA.

The Contractor shall maintain instructions assigned to the PEO(U&W) Nuclear Programs function.

5.9 Program Management Support

The Contractor shall provide program management support of the TWS, its subsystems and interfaces. The following paragraphs provide the detailed tasking.

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5.9.1 Management Support

The Contractor shall perform program planning and coordination support among government and commercial activities to include review of documents, preparation of plans and coordination of program schedules. The Contractor shall when required:

- a. Participate as a member on program IPTs by conducting IPT meetings, working groups, and teleconferences. Tasks shall include:
 - i. Drafting agendas and reviewing criteria.
 - ii. Preparing and presenting briefings.
 - iii. Identifying and monitoring action items.
 - iv. Preparing meeting minutes for Government review.
 - v. Assist the Government in assessing the overall status of the TWS.
 - vi. Assist the Government in assessing project progress.
- b. Participate in other TWS IPTs within the Program Office and other TWS organizations as required to represent Program Office efforts.
- c. Assist the Government in performing programmatic assessments of the requirements for the TWS and associated subsystems, the system segment interfaces, and the TWS Contractors' implementation of their PBWS.
- d. Assist in reviewing, preparing/maintaining acquisition and security assistance documentation as necessary.
- e. Participate in preparation of all acquisition reports and documentation for an ACAT I program (SAR, Dashboard, APB, ASR, ORD) required to support ACAT I program production decisions and security assistance programs and projects.
- f. Provide support in creating and maintaining a program Integrated Master Schedule.
- g. Assess the TWS contractor's and subcontractor's depot processes prior to incorporating retrofits.
- h. Provide administrative support to the Risk Management Board.
- i. Assess impact of schedule delays or changes.
- j. Analyze ECPs, technical changes and production problems for impact to depot repair processes.

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- k. Assess recommended schedule changes for compatibility with program objectives.
- l. Provide technical analysis of contract proposals from the TWS prime contractors.
- m. Provide administrative support to maintain PMA 280 prime contracts.

The Contractor shall make recommendations to the Program Office regarding the AUR contractor's depot workload planning, implementation, and management. The Contractor shall when required:

- a. Provide recommended changes to depot maintenance planning documents.
- b. Assist in performing depot workload planning.
- c. Monitor depot operations.
- d. Track warranty issue resolution.
- e. Review depot data management systems.
- f. Analyze AUR missile support.
- g. Assist the Government in assessing the maintenance impact related to ECPs, Deviation/Waivers, and Technical Directives (TDs).
- h. Provide recommendations for depot maintenance concept and cost reduction based on analyses of historical data.

The Contractor shall monitor the procurement and delivery status of GFM/P and review the Prime Contractor's status summary reports. Additionally, the Contractor shall assist the Government in conducting the necessary research to determine responsibility for GFM/P repair and monitor accountable balance reports to maintain visibility of material in the repair cycle. The Contractor shall assist in ensuring all GFM/P is processed for repair, recertification, or modification, or disposal to support recurring production and maintenance requirements. The Contractor shall be responsible for the management of this material in a manner that supports contract requirements, including all specified periods of performance. In performing the following duties the Contractor shall:

- a. Retrieve, analyze, and document database information for the supply and demand of GFE.
- b. Provide recommendations to the program office on disposition of GFE on plant clearances.
- c. Attend PMRs and IPT meetings.

When directed by the COR, the Contractor shall rent and be reimbursed for meeting space inclusive of incidental costs in support of Tomahawk meetings.

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5.9.2 Financial/Budget Support

The Contractor shall provide financial and budget support to include the following:

- a. Provide support for budget execution and recommendations for optimal allocation of available resources.
- b. Provide budgetary impacts of cost, schedule, and performance analysis assessment and recommendations on how to reduce cost and schedule risk.
- c. Create budget documents for government release.
- d. Collect, compile and analyze financial, project, and cost data for incorporation into team work plans, financial addendums, budgetary support documentation, and other financial sheets. Assist the Government in answering data calls.
- e. Support the development of PIDs.
- f. Track and schedule, obligations, and expenditures of funds, update/develop spreadsheets, and financial status reports as required.
- g. Enter PIDs and other data into the Government electronic financial system used to process funding documents.

5.9.3 Administrative Support

The Contractor shall provide administrative support to the program office to include the following.

- a. Update schedules and resolve scheduling conflicts.
- b. Prepare and process travel documents in accordance with the Government electronic travel system.
- c. Assist and draft various documents, correspondence, awards, and naval messages in accordance SECNAVINST 5216.5D (Naval Correspondence Manual), directives and systems.
- d. Establish and maintain associated correspondence logs, records and files.
- e. Participate in meetings related to assist in the preparation of briefs, presentations, and other documentation.
- f. Provide support for program execution.
- g. Apply knowledge of office management, methods, and procedures in producing and maintaining documentation, correspondence, records or directives.
- h. Assist in the development of Country Clearance Requests and Request for Visits.

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5.9.4 Performance Cost Model

The Contractor shall provide support for ensuring the accuracy of O&M,N requirements are properly captured within the cost model data structure. The Contractor shall:

- a. Ensure accurate data entry to the funding element level.
- b. Map all elements to the appropriate ABC dictionary element.
- c. Provide recommendations for model enhancements.
- d. Assist IPTs in ensuring all requirements are accurately reflected.
- e. Provide recommendation to PMA-280 for selecting appropriate readiness metrics.

The following references provide guidance to the requirements for this task:

- a. OPNAV INST 4850.1B
- b. CNO Memo Ser 814/638503 of 3 Dec 03
- c. CNO Memo Ser 814/3U638518 of 10 Mar 03
- d. CNO Memo Ser 814E/3U637112 of 15 Sep 03
- e. CNO Memo Ser N81/2004U797202 of 23 Jan 04

5.9.5 Requirements Assessment and Resource Allocation Planning

The Contractor shall provide support to the program office for collection of requirements from all field and contractor activities, including:

- a. Recommending the prioritization of requirements.
- b. Assisting IPT leads in balancing resources available to optimize funding of requirements.
- c. Assisting in balancing appropriations to current controls.
- d. Advising team leads when controls are adjusted recommend changes and improvements to PMA 280 management tools.
- e. Assisting field activities in resolving questions with respect to requirements and projected funding.
- f. Preparing management summary reports for Team Leads that show planning, allocation and funds expended.

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- g. Providing support as a TOMIS team member in the continued development and maintenance of the PMA-280's Budget Planning System.
- h. Providing support on the training program for TOMIS budget system users. This support includes the development of training material, distribution, and actual instruction and presentation of the training material.
- i. Providing support in the development and maintenance of requirement controls relating to programmatic needs.
- j. Maintaining a running list of unfunded requirements by appropriation.
- k. Maintaining detailed audit log of management reserve disbursement.
- l. Maintaining activity logs for Government Support Activities and Contractors; including funding modifications through the fiscal year, programmatic issues, man-year tracking, supply and equipment acquisition outside the supply system (along with justification for purchases).
- m. Providing support in tracking contracts located at the government activity support level.

5.10 Information Integration Support

The Contractor shall provide information integration support. This support falls into five broad areas: data acquisition and correlation; information extraction and formatting; information preparation and presentation; maintaining historical documentation of systems from cradle to grave; information transmission to all levels of the Government and civil recipients; as directed by PMA-280. The following paragraphs provide the detailed tasking.

- a. Provide Public Affairs assistance in drafting briefings to Congressional, Government and State officials concerning all variants of the TWS.
- b. Support development and update of Tomahawk history documentation.
- c. Support the logistics and execution of special events for both U.S. and foreign dignitaries.
- d. Prepare detailed, complex, technical graphics suitable for specifications, conferences or publications.
- e. Develop graphic designs to help portray complex relations among components or to simplify system concepts.
- f. Maintain a library of presentations, videos and animations for PMA 280 with storage capability to the secret level.
- g. Maintain the created PMA-280 website. Provide weekly updates to press releases, current Tomahawk diagrams and text for the web page. The Contractor's design for public-facing

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websites shall be compliant with Section 508 accessibility requirements. The Contractor shall provide support in creating, maintaining and upgrading content for PMA-280's web-site under the guidance of SECNAV Instructions and provide day-to-day site design and creation.

- h. Prepare and coordinate viewgraphs, posters, displays, video and animated products for presentations, white papers, reports to Congress, and technical reports in accordance with Navy directives and systems.
- i. Design, create, and print logos, brochures, flyers, newsletters, multimedia presentations, animations, and photo quality posters relative to the Tomahawk programs; design and install wallboard displays to represent PMA-280 programs with historic and current material

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 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 [REDACTED] hours per week.

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

(c) During the civilian furlough period, unless otherwise authorized by the contracting officer, the Government Installation Work Schedule will consist of an 8-hour work day Monday through Thursday. Therefore, Friday will not be part of the Government

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Installation Work Schedule. At the conclusion of the civilian furlough period, the Government Installation 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.

ACRONYM LIST

ACAT	Acquisition Category
ACO	Administrative Contracting Officer
APB	Acquisition Program Baseline
ASR	Acquisition Strategy Report
ASuW	Anti Surface Warfare
AUR	All Up Round
AWCS	Attack Weapon Control System
AWS	Attack Weapon System
CARR	Customer Acceptance Readiness Reviews
CCB	Configuration Control Board
CDRL	Contract Data Requirement List
CEPT	Case Execution Performance Tool
CERPS	Consolidated and Expenditure Reporting System
CI	Configuration Items
CITIS	Contractor Integrated Technical Information Service
CM	Configuration Management
CNWDI	Critical Nuclear Weapons Design Information
COR	Contracting Officer's Representative
DIFS	Defense Integrated Financial System
DM	Data Management
DOD	Department of Defense
DON	Department of the Navy
DIRSSP	Director Strategic Systems Programs
DOT	Department of Transportation
DSAMS	Defense Security Assistance Management System
DT	Developmental Tests
DVT	Design Verification Testing
ECP	Engineering Change Proposal
FCA	Functional Configuration Audit
FGT	Functional Ground Test
FISTRP	Fuzing and initiation Systems Technical Review Panel
FMEA	Failure Modes and Effects Analysis
FMS	Foreign Military Sales
FQT	Functional Qualification Testing
FRB	Failure Review Board
FT	Flight Test
GFM/P	Government Furnished Material/Property
HALT	Highly Accelerated Life Testing

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ILA	Inadvertent Launch Analysis
IPT	Integrated Product Team
ISEA	In Service Engineering Agent
ISNSA	Independent Software Nuclear Safety Analysis
IV&V	Independent Verification and Validation
iVV	Integrated Verification and Validation
IWG	Interface Working Group
JMEWS	Joint Multi-Effects Warhead
KPP	Key Performance Parameters
MAC	Missile AUR Canister
MCO	Mission Control Panel
MISIL	Management Information System for International Logistics
MRR	Mission Readiness Review
MS	Microsoft
NAVSEA	Naval Sea Systems Command
NMCI	Navy Marine Corps Intranet
NNSA	National Nuclear Security Administration
NWSSG	Nuclear Weapon System Safety Group
O&I	Operational and Intermediate
O&MN	Operations and Maintenance Navy
O&SHA	Operating and Support Hazard Analysis
OPSEC	Operations Security
ORD	Operational Requirements Document
OT	Operational Test
OTL	Operational Test Launches
PADS	Product Assurance Database System
PBWS	Performance Based Work Statement
PEO(SUB)	Program Executive officer Submarines
PEO(U&W)	Program Executive Officer Unmanned Aviation and Strike Weapons
PCA	Physical Configuration Audit
PCO	Procuring Contracting Officer
PHA	Preliminary Hazard Analysis
PID	Program Initiation Document
PKI	Public Key Infrastructure
PMQL	Post Mission Quick Look
PMR	Program Management Review
POA&M	Plan of Action and Milestones
PMR	Program Management Review
PPP	Program Protection Plan
PSL	Primary Support Laboratories
PTAN	Precision Terrain Aided Navigation
PVT	Production Verification Testing
REM	Recovery Exercise Module
RIEP	Recertification Interval Extension Program
RIP	Reliability Improvement Program
RM&QA	Reliability, Maintainability and Quality Assurance

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RSS	Range Safety System
SAMM	Security Assistance Management Manual
SAR	Selected Acquisition Report
SAR	Safety Assessment Reports
SCA	Sneak Circuit Analysis
SCP	Simulation Control Panel
SCP	Software Change Proposal
SEARA	Stockpile Evaluation and Reliability Assessment
SECNAV	Secretary of the Navy
SEIA	Systems Engineering Integrating Agents
SHA	System Hazard Analysis
SIPRNET	Secure Internet Protocol Routed Network
SLAP	Service Life Assessment Program
SNCA	System Nuclear Criticality Analysis
SR/CA	System Requirements/Criticality Analysis
SSHA	Subsystem Hazard Analysis
SSPP	System Safety Program Plans
SSSTRP	Software Systems Safety Technical Review Panel
STR	Software Trouble Report
STRAP	Storage Reliability Assessment Program
SWOP	Special Weapons Ordinance Publications
T&E	Test and Evaluation
TCAP	Tomahawk Calendar, Action Item and Presentation
TD	Technical Directive
TOMIS	Tomahawk Information System
TIM	Technical Interchange Meeting
TLAM-N	Tomahawk Land Attack Missile-Nuclear
TPM	Technical Performance Measurement
TPP	Technical Performance Parameters
TSMB	Tomahawk Simulation Management Board
TSSRs	Tomahawk Software Status Reviews
TWS	Tomahawk Weapon System
ULA	Unauthorized Launch Analysis
WCS	Weapon Control System
WSESRB	Weapon System Explosives Safety Review Board

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SECTION D PACKAGING AND MARKING

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

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

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

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

All Deliverables shall be packaged and marked in accordance with Best Commercial Practices.

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SECTION E INSPECTION AND ACCEPTANCE

Inspection and acceptance for CLINs of this order, as reflected in Section B, shall be performed in accordance with the clauses identified in Section E of the Seaport-e Multiple Award IDIQ contract and the Quality Assurance Surveillance Plan as attached to this Solicitation.

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

Inspection and acceptance of technical data and information will be performed by the Procuring Contracting Officer (PCO) or his duly authorized representative. Inspection of technical data and information will be performed by ensuring successful completion of the requirements set forth in the DD Form 1423, Contract Data Requirements List (CDRL) and incorporation/resolution of Government review comments on the data items. Acceptance will be evidenced by execution of an unconditional DD Form 250, Material Inspection and Receiving Report, as appropriate, and/or upon receipt of a second endorsement acceptance by the PCO on the attachment to this contract entitled N/A. The attached form will not be used for high cost data such as drawings, specifications, and technical manuals.

5252.246-9529 SURVEILLANCE OF SERVICES AND TIME RECORDS (NAVAIR) (JUL 1998)

(a) The official(s) designated in paragraph (b) shall be responsible for appropriate surveillance of all services to be performed under this contract. In so doing, such official(s) shall (1) review the accuracy and approve or disapprove the contractor's time and attendance records of all workers assigned under the contract, and (2) make frequent periodic visits to the work site to check on the presence of workers whose time is charged thereto.

(b) Name: Edward Chow
Activity: NAVAIR PMA 280

Address: Patuxent River, MD

Phone: (301) 757-6390

(c) When performance is at a Government site, the contractor's representative shall contact the Government representative named above upon arrival and departure from the work site. If access to a security area is required, the designated Government representative will provide continuous escort service for the contractor's representative.

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SECTION F DELIVERABLES OR PERFORMANCE

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

4000	12/1/2009 - 11/30/2010
4001	12/1/2009 - 11/30/2010
4010	12/1/2009 - 11/30/2010
4020	12/1/2009 - 11/30/2010
4030	12/1/2009 - 11/30/2010
4040	12/1/2009 - 11/30/2010
4100	12/1/2010 - 11/30/2011
4101	12/1/2010 - 11/30/2011
4102	12/1/2010 - 11/30/2011
4110	12/1/2010 - 11/30/2011
4120	12/1/2010 - 11/30/2011
4130	12/1/2010 - 11/30/2011
4140	12/1/2010 - 11/30/2011
4200	12/1/2011 - 11/30/2012
4201	12/1/2011 - 11/30/2012
4210	12/1/2011 - 11/30/2012
4220	12/1/2011 - 11/30/2012
4230	12/1/2011 - 11/30/2012
4240	12/1/2011 - 11/30/2012
4300	12/1/2012 - 11/30/2013
4301	12/1/2012 - 11/30/2013
4310	12/1/2012 - 11/30/2013
4320	12/1/2012 - 11/30/2013
4330	12/1/2012 - 11/30/2013
4340	12/1/2012 - 11/30/2013
4400	12/1/2013 - 11/30/2014
4401	12/1/2013 - 11/30/2014
4410	12/1/2013 - 11/30/2014
4420	12/1/2013 - 11/30/2014
4430	12/1/2013 - 11/30/2014
4440	12/1/2013 - 11/30/2014
6000	12/1/2009 - 11/30/2010
6010	12/1/2009 - 11/30/2010
6020	12/1/2009 - 11/30/2010
6030	12/1/2009 - 11/30/2010
6040	12/1/2009 - 11/30/2010
6100	12/1/2010 - 11/30/2011
6110	12/1/2010 - 11/30/2011
6120	12/1/2010 - 11/30/2011

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6130	12/1/2010 - 11/30/2011
6140	12/1/2010 - 11/30/2011
6200	12/1/2011 - 11/30/2012
6210	12/1/2011 - 11/30/2012
6220	12/1/2011 - 11/30/2012
6230	12/1/2011 - 11/30/2012
6240	12/1/2011 - 11/30/2012
6300	12/1/2012 - 11/30/2013
6310	12/1/2012 - 11/30/2013
6320	12/1/2012 - 11/30/2013
6330	12/1/2012 - 11/30/2013
6340	12/1/2012 - 11/30/2013
6400	12/1/2013 - 11/30/2014
6410	12/1/2013 - 11/30/2014
6420	12/1/2013 - 11/30/2014
6430	12/1/2013 - 11/30/2014
6440	12/1/2013 - 11/30/2014
7010	12/1/2014 - 9/20/2015
7020	12/1/2014 - 9/20/2015
7030	12/1/2014 - 9/20/2015
7040	12/1/2014 - 9/20/2015
7050	12/1/2014 - 9/20/2015
7060	9/21/2015 - 3/7/2016
7070	9/21/2015 - 3/7/2016
7080	9/21/2015 - 3/7/2016
7090	9/21/2015 - 3/7/2016
9010	12/1/2014 - 9/20/2015
9020	12/1/2014 - 9/20/2015
9030	12/1/2014 - 9/20/2015
9040	12/1/2014 - 9/20/2015
9050	9/21/2015 - 3/7/2016
9060	9/21/2015 - 3/7/2016
9070	9/21/2015 - 3/7/2016
9080	9/21/2015 - 3/7/2016

CLIN - DELIVERIES OR PERFORMANCE

The periods of performance for the following firm items are from date of task order award through 12 months thereafter, estimated at:

4000	12/1/2009 - 11/30/2010
4001(Tech Data for Base Labor)	12/1/2009 - 11/30/2010
6000	12/1/2009 - 11/30/2010

The period of performance for the following option items are from date of option exercise through 12 months

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thereafter, estimated at:

Services

4100	12/1/2010 - 11/30/2011
4101 (Tech Data for Option 1)	12/1/2010 - 11/30/2011
4200	12/1/2011 - 11/30/2012
4201 (Tech Data for Option 2)	12/1/2011 - 11/30/2012
4300	12/1/2012 - 11/30/2013
4301 (Tech Data for Option 3)	12/1/2012 - 11/30/2013
4400	12/1/2013 - 11/30/2014
4401 (Tech Data for Option 4)	12/1/2013 - 11/30/2014

ODC

6100	12/1/2010 - 11/30/2011
6200	12/1/2011 - 11/30/2012
6300	12/1/2012 - 11/30/2013
6400	12/1/2013 - 11/30/2014

Services to be performed hereunder will be provided at (insert specific address and building etc.)

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

(a) The contract shall commence on 1 December 2009 and shall continue through 30 November 2010. However, the period of performance may be extended in accordance with the option provisions contained herein.

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

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

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

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

(1) PCO, Code: 2.5.1.3

(2) ACO, Code: [TBD]

(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 Address:

Tomahawk Weapons Systems Program PMA-280
47123 Buse Rd, Bldg 2272
Patuxent River, MD 20670-1547

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SECTION G CONTRACT ADMINISTRATION DATA

CONTRACTOR CENTRAL REGISTRATION - The Contractor must be registered with the Contractor Central Registration in order to be eligible for award. The Contractor must maintain registration throughout the ordering period. PAYMENT will not be made to the contractor if the Contractor's registration lapses.

PAYMENT ---- Performance-based payments or progress payments are authorized for interim payments for any task orders, where the contractor so requests and has been granted approval.

TOM APPOINTMENT

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

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(b) The TOM is responsible for those specific functions assigned in the COR Appointment Letter.

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

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

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

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

(c) The designated CCR EB point of contact is responsible for activating the company's CAGE code on WAWF by calling 1-866-618-5988. Once the company is activated, the CCR EB point of contact will self-register under the company's CAGE code on WAWF and follow the instructions for a group administrator. After the company is

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set-up on WAWF, any additional persons responsible for submitting invoices must self-register under the company's CAGE code at <https://wawf.eb.mil>.

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

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

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

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

Issue DODAAC	_____
Admin DODAAC	*Block 6 of TO cover _____
Pay Office DODAAC	*Block 12 of TO cover _____
Inspector DODAAC	_____
Service Acceptor DODAAC	_____
Service Approver DODAAC	_____
Ship To DODAAC	See Section F _____
DCAA Auditor DODAAC	_____
LPO DODAAC	_____
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.

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Send Additional Email Notification To:

(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 or the NAVSEA WAWF point of contact [REDACTED]

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

(a) Contract Administration Office.

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

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

(2) Contract administration functions withheld, additional contract administration functions assigned, or special instructions (see FAR 42.202) are: NONE.

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

5252.204-9503 EXPEDITING CONTRACT CLOSEOUT (NAVAIR) (JAN 2007)

(a) As part of the negotiated fixed price or total estimated amount of this contract, both the Government and the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of \$1,000 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the contract, except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party might be considered to the extent permitted by law.

(b) This agreement to waive entitlement to residual dollar amounts has been considered by both parties. It is agreed that the administrative costs for either party associated with collecting such small dollar amounts could exceed the amount to be recovered.

Accounting Data

SLINID PR Number

Amount

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BASE Funding 0.00
Cumulative Funding 0.00

MOD 01 Funding 0.00
Cumulative Funding 0.00

MOD 02

401001 1300138732 1484000.00

LLA :

AA 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732
CIN 130013873200001

402001 1300138516 2018910.00

LLA :

AB 1701507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000317009
Standard Number: 1300138516
CIN 130013851600001

403001 1300138739 75000.00

LLA :

AC 1701319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000319074
Standard Number: 1300138739
CIN 130013873900001

404001 1300138823 889550.00

LLA :

AD 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785200GEK
Standard Number: 1300138823
CIN 130013882300001

601001 1300138732 87500.00

LLA :

AE 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732
CIN 130013873200002

601002 1300138732 116000.00

LLA :

AF 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732
CIN 130013873200003

601003 1300138732 10000.00

LLA :

AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732
CIN 130013873200004

602001 1300138732 42000.00

LLA :

AH 1701507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000317009
Standard Number: 1300138732
CIN 130013851600002

604001 1300138823 48750.00

LLA :

AD 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785200GEK
Standard Number: 1300138823
CIN 130013882300002

MOD 02 Funding 4771710.00
Cumulative Funding 4771710.00

MOD 03

404002 1300143433 16652.00

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LLA :
AK 97-11X8242 PRK4 251 00019 0 050120 2D 000000
AIR 1.4

MOD 03 Funding 16652.00
Cumulative Funding 4788362.00

MOD 04 Funding 0.00
Cumulative Funding 4788362.00

MOD 05

401002 1300138732-0001 3074140.00
LLA :
AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732-0001
CIN: 130013873200005

403002 1300138739-0001 1627190.00
LLA :
AC 1701319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000319074
Standard Number: 1300138739-0001
CIN: 130013873900002

601004 1300138732-0001 69000.00
LLA :
AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732-0001
CIN: 130013873200006

601005 1300138732-0001 10000.00
LLA :
AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732-0001
CIN: 130013873200007

603001 1300138739-0001 30000.00
LLA :
AC 1701319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000319074
Standard Number: 1300138739-0001
CIN: 130013873900003

MOD 05 Funding 4810330.00
Cumulative Funding 9598692.00

MOD 06

403003 1300152391 229645.00
LLA :
AL 1701319 15A9 252 SASHP 0 068342 2D 205240 COST CODE: 324640000010
CIN: 130015239100001

603002 1300152391 15000.00
LLA :
AL 1701319 15A9 252 SASHP 0 068342 2D 205240 COST CODE: 324640000010
CIN: 130015239100002

MOD 06 Funding 244645.00
Cumulative Funding 9843337.00

MOD 07

401003 1300154618 61000.00
LLA :
AM 1701804 3D3D 253 VA031 068342 2D 000000 COST CODE: 803000000000
CIN: 130015461800001

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601006 1300154618 1000.00
 LLA :
 AM 1701804 3D3D 253 VA031 068342 2D 000000 COST CODE: 803000000000
 CIN: 130015461800002

MOD 07 Funding 62000.00
 Cumulative Funding 9905337.00

MOD 08

402002 1300156421 38000.00
 LLA :
 AN 1771811 H232 253 WAWRL 0 068342 2D 000000 COST CODE: 200804000000
 CIN: 130015642100001

602002 1300156421 1000.00
 LLA :
 AN 1771811 H232 253 WAWRL 0 068342 2D 000000 COST CODE: 200804000000
 CIN: 130015642100002

MOD 08 Funding 39000.00
 Cumulative Funding 9944337.00

MOD 09

401002 1300138732-0002 (150000.00)
 LLA :
 AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
 Standard Number: 1300138732-0001
 CIN: 130013873200005

404003 1300143433-0001 48304.00
 LLA :
 AP 97-11X8242 PRK4 251 00019 0 050120 2D 000000 COST CODE: A00000351379
 CIN: 130014343300002

MOD 09 Funding -101696.00
 Cumulative Funding 9842641.00

MOD 10

401002 1300138732-0002 (10000.00)
 LLA :
 AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
 Standard Number: 1300138732-0001
 CIN: 130013873200005

402003 1300159417 107000.00
 LLA :
 AQ 1701811 1224 253 SUWMW 0 068342 2D 000000 COST CODE: 20010900101B
 Standard Number: 1300159417
 CIN: 130015941700001

601007 1300138732-0003 10000.00
 LLA :
 AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
 Standard Number: 1300138732
 CIN: 130013873200005

602003 1300159417 3000.00
 LLA :
 AQ 1701811 1224 253 SUWMW 0 068342 2D 000000 COST CODE: 20010900101B
 Standard Number: 1300159417
 CIN: 130015941700002

MOD 10 Funding 110000.00

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Cumulative Funding 9952641.00

MOD 11

401004 1300138732-0005 95000.00
 LLA :
 AA 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
 Standard Number: CIN130013873200012

402001 1300138516 (40000.00)
 LLA :
 AB 1701507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000317009
 Standard Number: 1300138516
 CIN 130013851600001

403002 1300138739-0001 (540000.00)
 LLA :
 AC 1701319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000319074
 Standard Number: 1300138739-0001
 CIN: 130013873900002

404001 1300138823 (220000.00)
 LLA :
 AD 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785200GEK
 Standard Number: 1300138823
 CIN 130013882300001

601002 1300138732 (95000.00)
 LLA :
 AF 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
 Standard Number: 1300138732
 CIN 130013873200003

602004 1300138516-0001 40000.00
 LLA :
 AH 1701507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000317009
 Standard Number: CIN 130013851600004

MOD 11 Funding -760000.00
 Cumulative Funding 9192641.00

MOD 12

411001 1300183558 2654444.00
 LLA :
 AR 1711804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000606369
 Standard Number: CIN 130018355800001

412001 1300183849 1796700.00
 LLA :
 AS 1711507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000608461
 Standard Number: CIN 130018384900001

412002 1300185088 169000.00
 LLA :
 AV 1701811 1224 252 SUWMW 0 068342 2D 000000 COST CODE 20010900101B
 Standard Number: CIN 130018508800001

413001 1300184696 240000.00
 LLA :
 AT 1711319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000613829
 Standard Number: CIN 130018469600001

414001 1300184708 1008750.00
 LLA :
 AU 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785240GEK
 Standard Number: CIN 130018470800001:

611001 1300183558 394296.00

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LLA :

AR 1711804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000606369
Standard Number: CIN 130018355800003

612001 1300183849 63546.00

LLA :

AS 1711507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000608461
Standard Number: CIN 130018384900002:

612002 1300185088 3000.00

LLA :

AV 1701811 1224 252 SUWMW 0 068342 2D 000000 COST CODE 20010900101B
Standard Number: CIN 130018508800001

613001 13001844696 10000.00

LLA :

AT 1711319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000613829
Standard Number: CIN 130018469600002

614001 1300184708 48750.00

LLA :

AU 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785240GEK
Standard Number: CIN 130018470800002

MOD 12 Funding 6388486.00

Cumulative Funding 15581127.00

MOD 13 Funding 0.00

Cumulative Funding 15581127.00

MOD 14

411002 1300187708 152600.00

LLA :

AW 1711804 3D3D 253 VA031 0 068342 2D 000000 COST CODE: 803000000000
Standard Number: CIN 130018770800001

412003 1300183849-0002 111730.00

LLA :

AS 1711507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000608461
Standard Number: CIN 130018384900003

612003 1300183849-0002 10424.00

LLA :

AS 1711507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000608461
Standard Number: CIN 130018384900004

MOD 14 Funding 274754.00

Cumulative Funding 15855881.00

MOD 15

411003 1300183558-0001 1470310.00

LLA :

AY 1711804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000606369
Standard Number: CIN 130018355800004

412004 1300191348 172450.00

LLA :

AX 1791811 H232 252 WAWRL 0 068342 2D 000000 COST CODE: 200374000000
Standard Number: CIN 130019134800001

414002 1300195617 84500.00

LLA :

AZ 97-11X8242 PRL4 251 00019 0 050120 2D 000000 A00000686297
Standard Number: CIN No. 130019561700001

612004 1300191348 1000.00

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LLA :
 AX 1791811 H232 252 WAWRL 0 068342 2D 000000 COST CODE: 200374000000
 Standard Number: CIN 130019134800001

MOD 15 Funding 1728260.00
 Cumulative Funding 17584141.00

MOD 16

413002 1300184696-0001 150000.00
 LLA :
 AT 1711319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000613829
 Standard Number: CIN 130018469600004

MOD 16 Funding 150000.00
 Cumulative Funding 17734141.00

MOD 17

403003 1300152391 (229645.00)
 LLA :
 AL 1701319 15A9 252 SASHP 0 068342 2D 205240 COST CODE: 324640000010
 CIN: 130015239100001

603002 1300152391 (15000.00)
 LLA :
 AL 1701319 15A9 252 SASHP 0 068342 2D 205240 COST CODE: 324640000010
 CIN: 130015239100002

MOD 17 Funding -244645.00
 Cumulative Funding 17489496.00

MOD 18

412005 1300205117 146859.00
 LLA :
 BA 1741711 1224 253 SUWMW 0 068342 2D 000000 COST CODE: 55685900103H
 Standard Number: CIN 130020511700001

413003 130184696-0002 125450.00
 LLA :
 AT 1711319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000613829
 Standard Number: CIN 130018469600005:

612005 1300205117 1000.00
 LLA :
 BA 1741711 1224 253 SUWMW 0 068342 2D 000000 COST CODE: 55685900103H
 Standard Number: CIN 130020511700001

MOD 18 Funding 273309.00
 Cumulative Funding 17762805.00

MOD 19

412004 1300191348 (130000.00)
 LLA :
 AX 1791811 H232 252 WAWRL 0 068342 2D 000000 COST CODE: 200374000000
 Standard Number: CIN 130019134800001

414003 1300205118 100000.00
 LLA :
 BB 97-11X8242 PRL4 251 00019 0 050120 2D 000000 COST CODE: A00000752398
 Standard Number: CIN 130020511800001

MOD 19 Funding -30000.00

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Cumulative Funding 17732805.00

MOD 20

413004 1300184696-0003 478400.00
 LLA :
 AT 1711319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000613829
 Standard Number: CIN 130018469600006:

613002 1300184696-0003 15000.00
 LLA :
 AT 1711319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000613829
 Standard Number: CIN 130018469600007:

MOD 20 Funding 493400.00
 Cumulative Funding 18226205.00

MOD 21

414001 1300184708 (205000.00)
 LLA :
 AU 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785240GEK
 Standard Number: CIN 130018470800001:

MOD 21 Funding -205000.00
 Cumulative Funding 18021205.00

MOD 22

411004 1300183558-0002 294000.00
 LLA :
 AR 1711804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000606369
 Standard Number: CIN 130018355800003

611001 1300183558 (294000.00)
 LLA :
 AR 1711804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000606369
 Standard Number: CIN 130018355800003

MOD 22 Funding 0.00
 Cumulative Funding 18021205.00

MOD 23

410201 1300223554 13930.77
 LLA :
 BC 9710300 2011 P10 25000 0 060744 15 0S4944 7DHAM10226 049447
 Standard Number: CIN:130022355400001
 INDIAN INCENTIVE PREBATE

MOD 23 Funding 13930.77
 Cumulative Funding 18035135.77

MOD 24

421001 1300232363-0001 3172250.00
 LLA :
 BD 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000919296
 Standard Number: CIN 130023236300001

422001 1300232340 1517250.00
 LLA :
 BG 1721507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000919430
 Standard Number: CIN 130023234000001

422002 1300234740 215644.00

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LLA :

BF 1701811 1224 253 SUWMW 0 068342 2D 000000 COST CODE: 20010900101H
Standard Number: CIN 130023474000001

424001 1300230777 810000.00

LLA :

BE 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785270GEK
Standard Number: CIN 130023077700001

621001 1300232363-0001 90000.00

LLA :

BD 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000919296
Standard Number: CIN 130023236300002

622001 1300232340 35000.00

LLA :

BG 1721507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000919430
Standard Number: CIN 130023234000002

622002 1300234740 1000.00

LLA :

BF 1701811 1224 253 SUWMW 0 068342 2D 000000 COST CODE: 20010900101H
Standard Number: CIN 130023474000001

624001 1300230777 40000.00

LLA :

BE 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785270GEK
Standard Number: CIN 130023077700002

MOD 24 Funding 5881144.00

Cumulative Funding 23916279.77

MOD 25

422003 1300234153 37552.00

LLA :

BH 1701811 H232 252 WAWRL 0 068342 2D 000000 COST CODE: 200384000000
Standard Number: CIN 130023415300001

622003 1300234153 500.00

LLA :

BH 1701811 H232 252 WAWRL 0 068342 2D 000000 COST CODE: 200384000000
Standard Number: CIN 130023415300001

MOD 25 Funding 38052.00

Cumulative Funding 23954331.77

MOD 26

423001 1300236502 114000.00

LLA :

BJ 1721319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000950101
Standard Number: CIN 130023650200001

623001 1300236502 10000.00

LLA :

BJ 1721319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000950101
Standard Number: CIN 130023650200002

MOD 26 Funding 124000.00

Cumulative Funding 24078331.77

MOD 27

413004 1300184696-0003 (130000.00)

LLA :

AT 1711319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000613829

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Standard Number: CIN 130018469600006:

MOD 27 Funding -130000.00
Cumulative Funding 23948331.77

MOD 28

421002 1300232363-0002 1570000.00
LLA :
BD 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000919296
Standard Number: CINN 130023236300004

424002 1300243279 44000.00
LLA :
BK 97-11X8242 2884 000 74842 0 065916 2D PAT044 COST CODE:119080110GSL
Standard Number: CIN: 130024327900001

621002 1300232363-0002 60000.00
LLA :
BD 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000919296
Standard Number: CIN:130023236300005

624002 1300243279 8000.00
LLA :
BK 97-11X8242 2884 000 74842 0 065916 2D PAT044 COST CODE:119080110GSL
Standard Number: CIN: 130024327900002

MOD 28 Funding 1682000.00
Cumulative Funding 25630331.77

MOD 29

421003 1300243944 93000.00
LLA :
BM 1721804 4D4D 252 00019 0 050120 2D 000000 COST CODE: A20001012904
Standard Number: CIN 130024394400003

422004 1300232340-0001 338471.88
LLA :
BG 1721507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000919430
Standard Number: CIN 130023234000003

424003 1300246471 40000.00
LLA :
BL 97-11X8242 PRM4 251 00019 0 050120 2D 000000 COST CODE: A00001032683
Standard Number: CIN 130024647100001

621003 1300243944 7000.00
LLA :
BM 1721804 4D4D 252 00019 0 050120 2D 000000 COST CODE: A20001012904
Standard Number: CIN 130024394400004

622004 1300232340-0001 7968.12
LLA :
BG 1721507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000919430
Standard Number: CIN 130023234000004

MOD 29 Funding 486440.00
Cumulative Funding 26116771.77

MOD 30

423002 1300236502-0001 594500.00
LLA :
BJ 1721319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000950101
Standard Number: CIN 130023650200003

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623002 1300236502-0001 20000.00
 LLA :
 BJ 1721319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000950101
 Standard Number: CIN 130023650200004

MOD 30 Funding 614500.00
 Cumulative Funding 26731271.77

MOD 31

421004 1300249518 72652.00
 LLA :
 BN 1721804 3D3D 253 VA031 068342 2D 000000 COST CODE: 803000000000
 Standard Number: CIN 130024951800001

621004 1300249518 2000.00
 LLA :
 BN 1721804 3D3D 253 VA031 068342 2D 000000 COST CODE: 803000000000
 Standard Number: CIN 130024951800001

MOD 31 Funding 74652.00
 Cumulative Funding 26805923.77

MOD 32

421001 1300232363-0001 (7950.00)
 LLA :
 BD 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000919296
 Standard Number: CIN 130023236300001

624003 1300243279-0001 5500.00
 LLA :
 BK 97-11X8242 2884 000 74842 0 065916 2D PAT044 COST CODE:119080110GSL
 Standard Number: CIN 130024327900003

MOD 32 Funding -2450.00
 Cumulative Funding 26803473.77

MOD 33

401002 1300138732-0002 (149430.60)
 LLA :
 AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
 Standard Number: 1300138732-0001
 CIN: 130013873200005

401003 1300154618 (61000.00)
 LLA :
 AM 1701804 3D3D 253 VA031 068342 2D 000000 COST CODE: 803000000000
 CIN: 130015461800001

401004 1300138732-0005 (90250.00)
 LLA :
 AA 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
 Standard Number: CIN130013873200012

402001 1300138516 (144735.79)
 LLA :
 AB 1701507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000317009
 Standard Number: 1300138516
 CIN 130013851600001

402002 1300156421 (36100.00)
 LLA :
 AN 1771811 H232 253 WAWRL 0 068342 2D 000000 COST CODE: 200804000000
 CIN: 130015642100001

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402003 1300159417 (101650.00)

LLA :

AQ 1701811 1224 253 SUWMW 0 068342 2D 000000 COST CODE: 20010900101B

Standard Number: 1300159417

CIN: 130015941700001

403002 1300138739-0001 (5781.80)

LLA :

AC 1701319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000319074

Standard Number: 1300138739-0001

CIN: 130013873900002

404001 1300138823 (95641.42)

LLA :

AD 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785200GEK

Standard Number: 1300138823

CIN 130013882300001

404003 1300143433-0001 (19428.80)

LLA :

AP 97-11X8242 PRK4 251 00019 0 050120 2D 000000 COST CODE: A00000351379

CIN: 130014343300002

601004 1300138732-0001 (56753.28)

LLA :

AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795

Standard Number: 1300138732-0001

CIN: 130013873200006

601005 1300138732-0001 (9500.00)

LLA :

AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795

Standard Number: 1300138732-0001

CIN: 130013873200007

601006 1300154618 (1000.00)

LLA :

AM 1701804 3D3D 253 VA031 068342 2D 000000 COST CODE: 803000000000

CIN: 130015461800002

601007 1300138732-0003 (9500.00)

LLA :

AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795

Standard Number: 1300138732

CIN: 130013873200005

602004 1300138516-0001 (14477.60)

LLA :

AH 1701507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000317009

Standard Number: CIN 130013851600004

603001 1300138739-0001 (1694.47)

LLA :

AC 1701319 J7XR 251 00019 0 050120 2D 000000 COST CODE: A00000319074

Standard Number: 1300138739-0001

CIN: 130013873900003

MOD 33 Funding -796943.76

Cumulative Funding 26006530.01

MOD 34

421002 1300232363-0002 (20550.00)

LLA :

BD 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000919296

Standard Number: CINN 130023236300004

422005 1300262112 69250.00

LLA :

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BP 1711611 1224 252 SH400 0 050120 2D 000000 COST CODE: A40001142224
Standard Number: CIN 130026211200005

422006 1300262112 69250.00

LLA :

BQ 1711611 1224 252 SH400 0 050120 2D 000000 COST CODE: A50001142224
Standard Number: CIN 130026211200006

MOD 34 Funding 117950.00
Cumulative Funding 26124480.01

MOD 35

411005 1300301544 48037.00

LLA :

BR 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00001373989
Standard Number: CIN: 130030154400001

611002 1300301544 12742.39

LLA :

BR 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00001373989
Standard Number: CIN: 130030154400002

MOD 35 Funding 60779.39
Cumulative Funding 26185259.40

MOD 36

421002 1300232363-0002 60000.00

LLA :

BD 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000919296
Standard Number: CIN 130023236300004

621002 1300232363-0002 (60000.00)

LLA :

BD 1721804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000919296
Standard Number: CIN:130023236300005

MOD 36 Funding 0.00
Cumulative Funding 26185259.40

MOD 37

431001 1300315323 1000000.00

LLA :

BS 1731804 4D1D 251 00019 0 050120 2D 000000 A00001493480
Standard Number: CIN: 130031532300003

432001 1300315323 400000.00

LLA :

BT 1731507 J2EL 251 00019 0 050120 2D 000000 A10001493480
Standard Number: CIN: 130031532300005

433001 1300315323 600000.00

LLA :

BU 1731319 J7XR 251 00019 0 050120 2D 000000 A20001493480
Standard Number: CIN: 130031532300007

434001 1300315323 1154250.00

LLA :

BV 97-11X8242 2880 000 74802 0 065916 2D PUK844 116580020GEK
Standard Number: CIN: 130031532300001

631001 1300315323 296067.00

LLA :

BS 1731804 4D1D 251 00019 0 050120 2D 000000 A00001493480
Standard Number: CIN: 130031532300004

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632001 1300315323 20000.00
 LLA :
 BT 1731507 J2EL 251 00019 0 050120 2D 000000 A10001493480
 Standard Number: CIN: 130031532300006

633001 1300315323 34000.00
 LLA :
 BU 1731319 J7XR 251 00019 0 050120 2D 000000 A20001493480
 Standard Number: CIN: 130031532300008

634001 1300315323 45000.00
 LLA :
 BV 97-11X8242 2880 000 74802 0 065916 2D PUK844 116580020GEK
 Standard Number: CIN: 130031532300002

MOD 37 Funding 3549317.00
 Cumulative Funding 29734576.40

MOD 38

434002 1300322348 173274.40
 LLA :
 BW 97-11X8242 2884 000 74842 0 065916 2D PUK044 119080130GSL
 Standard Number: CIN: 130032234800001

MOD 38 Funding 173274.40
 Cumulative Funding 29907850.80

MOD 39

431002 1300332114 600000.00
 LLA :
 BX 1731804 4D1D 251 00019 0 050120 2D 000000 A00001595833
 Standard Number: CIN 130033211400001

MOD 39 Funding 600000.00
 Cumulative Funding 30507850.80

MOD 40

434002 1300322348 (173274.40)
 LLA :
 BW 97-11X8242 2884 000 74842 0 065916 2D PUK044 119080130GSL
 Standard Number: CIN: 130032234800001

434003 1300322348-0001 173274.40
 LLA :
 BY 97-11X8242 2884 000 74842 0 065916 2D PAT044 119080130GSL
 Standard Number: CIN NO. 130032234800003

MOD 40 Funding 0.00
 Cumulative Funding 30507850.80

MOD 41

432002 1300324910 52000.00
 LLA :
 BZ 1711611 H232 252 SB450 0 050120 2D 000000 A00001548498
 Standard Number: 130032491000001

632002 1300324910 3000.00
 LLA :
 BZ 1711611 H232 252 SB450 0 050120 2D 000000 A00001548498
 Standard Number: 130032491000002

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MOD 41 Funding 55000.00
Cumulative Funding 30562850.80

MOD 42

431003 1300332114-0001 800000.00
LLA :
BX 1731804 4D1D 251 00019 0 050120 2D 000000 A00001595833
Standard Number: 130033211400002

432003 1300332114-0001 240000.00
LLA :
CA 1731507 J2EL 251 00019 0 050120 2D 000000 A10001595833
Standard Number: 130033211400004

MOD 42 Funding 1040000.00
Cumulative Funding 31602850.80

MOD 43

432004 1300334619 44875.00
LLA :
CB 1711611 1224 251 SH400 0 050120 2D 000000 A00001612146
Standard Number: CIN No. 130033461900001

432005 1300334619 44875.00
LLA :
CC 1711611 1224 251 SH400 0 050120 2D 000000 A10001612146
Standard Number: CIN No. 130033461900002

MOD 43 Funding 89750.00
Cumulative Funding 31692600.80

MOD 44

431004 1300332114-0002 1009000.00
LLA :
BX 1731804 4D1D 251 00019 0 050120 2D 000000 A00001595833
Standard Number: CIN 130033211400005

432006 1300332114-0002 240000.00
LLA :
CA 1731507 J2EL 251 00019 0 050120 2D 000000 A10001595833
Standard Number: CIN 130033211400007

433002 1300332114-0002 122000.00
LLA :
CD 1731319 J7XR 251 00019 0 050120 2D 000000 A20001595833
Standard Number: CIN 130033211400006

MOD 44 Funding 1371000.00
Cumulative Funding 33063600.80

MOD 45 Funding 0.00
Cumulative Funding 33063600.80

MOD 46

431005 1300332114-0004 1061983.00
LLA :
BX 1731804 4D1D 251 00019 0 050120 2D 000000 A00001595833
Standard Number: CIN 130033211400010

432007 1300332114-0004 411450.00
LLA :
CA 1731507 J2EL 251 00019 0 050120 2D 000000 A10001595833

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Standard Number: CIN 130033211400009

631002 1300332114-0004 7013.10
 LLA :
 BX 1731804 4D1D 251 00019 0 050120 2D 000000 A00001595833
 Standard Number: CIN 130033211400011

MOD 46 Funding 1480446.10
 Cumulative Funding 34544046.90

MOD 47

441001 1300389492 853573.00
 LLA :
 CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629
 Standard Number: CIN 130038949200001

442001 1300389492 735400.00
 LLA :
 CF 1741507 J2EL 251 00019 0 050120 2D 000000 A10002018629
 Standard Number: CIN 130038949200003

443001 1300389492 305000.00
 LLA :
 CE 1741319 J7XR 251 00019 0 050120 2D 000000 A20002018629
 Standard Number: CIN 130038949200005

444001 1300389492 1103200.00
 LLA :
 CH 97-11X8242 2880 000 74802 0 065916 2D PUK044 118080990AHJ
 Standard Number: CIN 130038949200007

641001 1300389492 40000.00
 LLA :
 CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629
 Standard Number: CIN 130038949200002

642001 1300389492 25000.00
 LLA :
 CF 1741507 J2EL 251 00019 0 050120 2D 000000 A10002018629
 Standard Number: CIN 130038949200004

643001 1300389492 30000.00
 LLA :
 CE 1741319 J7XR 251 00019 0 050120 2D 000000 A20002018629
 Standard Number: CIN 130038949200006

644001 1300389492 48800.00
 LLA :
 CH 97-11X8242 2880 000 74802 0 065916 2D PUK044 118080990AHJ
 Standard Number: CIN 130038949200008

MOD 47 Funding 3140973.00
 Cumulative Funding 37685019.90

MOD 48

422004 1300232340-0001 (74795.92)
 LLA :
 BG 1721507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000919430
 Standard Number: CIN 130023234000003

442002 1300393593 54175.00
 LLA :
 CJ 1711611 1224 251 SH400 0 050120 2D 000000 A20002050690
 Standard Number: CIN 130039359300001

442003 1300393593 54175.00

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LLA :
CK 1711611 1224 251 SH400 0 050120 2D 000000 A30002050690
Standard Number: CIN 130039359300002

442004 1300399558 98500.00
LLA :
CL 1701811 1224 253 SUWMW 0 068342 2D 000000 20010900101H
Standard Number: CIN 130039955800002

442005 1300399558 83000.00
LLA :
CM 1791811 H232 252 WAWRL 0 068342 2D 000000 200374000000
Standard Number: CIN 130039955800001

612001 1300183849 (33773.68)
LLA :
AS 1711507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000608461
Standard Number: CIN 130018384900002:

612003 1300183849-0002 (10424.00)
LLA :
AS 1711507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000608461
Standard Number: CIN 130018384900004

622001 1300232340 (20943.30)
LLA :
BG 1721507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000919430
Standard Number: CIN 130023234000002

622004 1300232340-0001 (7968.12)
LLA :
BG 1721507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000919430
Standard Number: CIN 130023234000004

MOD 48 Funding 141944.98
Cumulative Funding 37826964.88

MOD 49

441002 1300389492-0001 363365.00
LLA :
CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629
Standard Number: CIN 130038949200009

442006 1300389492-0001 1263890.00
LLA :
CF 1741507 J2EL 251 00019 0 050120 2D 000000 A10002018629
Standard Number: CIN 130038949200010

443002 1300389492-0001 343000.00
LLA :
CE 1741319 J7XR 251 00019 0 050120 2D 000000 A20002018629
Standard Number: CIN 130038949200011

641002 1300389492-0001 25000.00
LLA :
CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629
Standard Number: CIN 130038949200012

642002 1300389492-0001 25000.00
LLA :
CF 1741507 J2EL 251 00019 0 050120 2D 000000 A10002018629
Standard Number: CIN 130038949200013

MOD 49 Funding 2020255.00
Cumulative Funding 39847219.88

MOD 50

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441003 1300389492-0002 417249.00
 LLA :
 CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629
 Standard Number: CIN 130038949200014

442007 1300389492-0002 269160.00
 LLA :
 CF 1741507 J2EL 251 00019 0 050120 2D 000000 A10002018629
 Standard Number: CIN 130038949200015

442008 1300401087 25110.00
 LLA :
 CN 1721611 1224 251 SH400 0 050120 2D 000000 A00002105153
 Standard Number: CIN 130040108700001

443003 1300415026 209800.00
 LLA :
 CP 1741319 15A9 251 SH500 0 050120 2D 000000 A00002213804
 Standard Number: CIN 130041502600001

642003 1300401087 500.00
 LLA :
 CN 1721611 1224 251 SH400 0 050120 2D 000000 A00002105153
 Standard Number: CIN 130040108700001

643002 1300415026 1000.00
 LLA :
 CP 1741319 15A9 251 SH500 0 050120 2D 000000 A00002213804
 Standard Number: CIN 130041502600001

MOD 50 Funding 922819.00
 Cumulative Funding 40770038.88

MOD 51

441004 1300389492-0003 1349713.29
 LLA :
 CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629
 Standard Number: CIN 130038949200016

641003 1300389492-0003 35000.00
 LLA :
 CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629
 Standard Number: CIN 130038949200017

MOD 51 Funding 1384713.29
 Cumulative Funding 42154752.17

MOD 52

443004 1300451332 43254.00
 LLA :
 CQ 97X4930 NH2A 251 77777 0 050120 2F 000000 A00002473186
 Standard Number: CIN 130045133200001

443005 1300389492-0004 37647.58
 LLA :
 CE 1741319 J7XR 251 00019 0 050120 2D 000000 A20002018629
 Standard Number: CIN 130038949200018

MOD 52 Funding 80901.58
 Cumulative Funding 42235653.75

MOD 53

702001 1300459394 226000.00

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LLA :
CR 1751507 J2EL 251 00019 0 050120 2D 000000 A00002562404
Standard Number: CIN 130045939400001

MOD 53 Funding 226000.00
Cumulative Funding 42461653.75

MOD 54

701001 1300459394-0001 1767760.00

LLA :
CT 1751804 4D1D 251 00019 0 050120 2D 000000 A10002562404
Standard Number: CIN 130045939400002

702002 1300459394-0001 432880.00

LLA :
CR 1751507 J2EL 251 00019 0 050120 2D 000000 A00002562404
Standard Number: CIN 130045939400011

703001 1300459394-0001 150000.00

LLA :
CS 1751319 J7XR 251 00019 0 050120 2D 000000 A30002562404
Standard Number: CIN 130045939400009

704001 1300459394-0001 555980.00

LLA :
CU 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684510FAY
Standard Number: CIN 130045939400006

901001 1300459394-0001 10000.00

LLA :
CT 1751804 4D1D 251 00019 0 050120 2D 000000 A10002562404
Standard Number: CIN 130045939400008

902001 1300459394-0001 10000.00

LLA :
CR 1751507 J2EL 251 00019 0 050120 2D 000000 A00002562404
Standard Number: CIN 130045939400012

903001 1300459394-0001 10000.00

LLA :
CS 1751319 J7XR 251 00019 0 050120 2D 000000 A30002562404
Standard Number: CIN 130045939400010

904001 1300459394-0001 10000.00

LLA :
CU 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684510FAY
Standard Number: CIN 130045939400007

MOD 54 Funding 2946620.00
Cumulative Funding 45408273.75

MOD 55

702003 1300466271 50832.00

LLA :
CV 1711611 H232 251 SB450 0 050120 2D 000000 A00002627522
Standard Number: CIN 130046627100001

702004 1300460533 44855.00

LLA :
CW 1731611 1224 251 SH400 0 050120 2D 000000 A00002575713
Standard Number: CIN 130046053300001

702005 1300460533 44855.00

LLA :
CX 1731611 1224 251 SH400 0 050120 2D 000000 A10002575713
Standard Number: CIN 130046053300002

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MOD 55 Funding 140542.00
Cumulative Funding 45548815.75

MOD 56

431001	1300315323	(45000.00)
LLA :		
BS 1731804 4D1D 251 00019 0 050120 2D 000000 A00001493480		
Standard Number: CIN: 130031532300003		
432007	1300332114-0004	(55000.00)
LLA :		
CA 1731507 J2EL 251 00019 0 050120 2D 000000 A10001595833		
Standard Number: CIN 130033211400009		
433002	1300332114-0002	(20000.00)
LLA :		
CD 1731319 J7XR 251 00019 0 050120 2D 000000 A20001595833		
Standard Number: CIN 130033211400006		
631001	1300315323	(215000.00)
LLA :		
BS 1731804 4D1D 251 00019 0 050120 2D 000000 A00001493480		
Standard Number: CIN: 130031532300004		
632001	1300315323	(10000.00)
LLA :		
BT 1731507 J2EL 251 00019 0 050120 2D 000000 A10001493480		
Standard Number: CIN: 130031532300006		
633001	1300315323	(15000.00)
LLA :		
BU 1731319 J7XR 251 00019 0 050120 2D 000000 A20001493480		
Standard Number: CIN: 130031532300008		
701002	1300459394-0002	1473840.00
LLA :		
CT 1751804 4D1D 251 00019 0 050120 2D 000000 A10002562404		
Standard Number: CIN 13004593940013		
702006	1300459394-0002	442636.00
LLA :		
CR 1751507 J2EL 251 00019 0 050120 2D 000000 A00002562404		
Standard Number: CIN 130045939400017		
703002	1300459394-0002	433958.00
LLA :		
CS 1751319 J7XR 251 00019 0 050120 2D 000000 A30002562404		
Standard Number: CIN 130045939400015		
704002	1300459394-0002	372320.00
LLA :		
CU 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684510FAY		
Standard Number: CIN 130045939400018		
901002	1300459394-0002	5000.00
LLA :		
CT 1751804 4D1D 251 00019 0 050120 2D 000000 A10002562404		
Standard Number: CIN 130045939400014		
903002	1300459394-0002	5000.00
LLA :		
CS 1751319 J7XR 251 00019 0 050120 2D 000000 A30002562404		
Standard Number: CIN 130045939400016		
904002	1300459394-0002	5000.00
LLA :		
CU 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684510FAY		

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Standard Number: CIN 130045939400019

MOD 56 Funding 2377754.00
Cumulative Funding 47926569.75

MOD 57

443003 1300415026 (60000.00)
LLA :
CP 1741319 15A9 251 SH500 0 050120 2D 000000 A00002213804
Standard Number: CIN 130041502600001

703003 1300415026-0002 82740.00
LLA :
CY 1751319 15A9 251 SH500 0 050120 2D 000000 A20002213804
Standard Number: CIN 130041502600006
TTWCS 6989

703004 1300415026-0002 56751.00
LLA :
CZ 1751319 15A9 251 SH500 0 050120 2D 000000 A30002213804
Standard Number: CIN 130041502600007
TTWCS 6987

MOD 57 Funding 79491.00
Cumulative Funding 48006060.75

MOD 58

7050 1300520717 26407.41
LLA :
DA 9750300 2020 P50 25607 4 415000 00 000494 47DHAM50538 HQ0347
Standard Number: CIN 13005207170001
Indian Incentive Rebate
MIPR No. DHAM50538

MOD 58 Funding 26407.41
Cumulative Funding 48032468.16

MOD 59

706001 1300459394-0003 643366.00
LLA :
CT 1751804 4D1D 251 00019 0 050120 2D 000000 A10002562404
Standard Number: 130045939400020
SOW Para 5.1.2, 5.4.4, 5.5.5, & 5.9.1

707001 1300459394-0003 220304.00
LLA :
CR 1751507 J2EL 251 00019 0 050120 2D 000000 A00002562404
Standard Number: 130045939400022
SOW Para. 4.0

708001 1300459394-0003 86542.00
LLA :
CS 1751319 J7XR 251 00019 0 050120 2D 000000 A30002562404
Standard Number: 130045939400024
SOW 3.0

709001 1300459394-0003 186160.00
LLA :
CU 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684510FAY
Standard Number: 130045939400026

905001 1300459394-0003 10000.00
LLA :
CT 1751804 4D1D 251 00019 0 050120 2D 000000 A10002562404

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Standard Number: 130045939400021
SOW 5.1.2, 5.4.4, 5.5.5, 5.9.1

906001 1300459394-0003 2000.00

LLA :
CR 1751507 J2EL 251 00019 0 050120 2D 000000 A00002562404
Standard Number: CIN No. 130045939400023
SOW 4.0

907001 1300459394-0003 7500.00

LLA :
CS 1751319 J7XR 251 00019 0 050120 2D 000000 A30002562404
Standard Number: 130045939400025
SOW 3.0

908001 1300459394-0003 2500.00

LLA :
CU 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684510FAY
Standard Number: 130045939400027

MOD 59 Funding 1158372.00
Cumulative Funding 49190840.16

MOD 60

401002 1300138732-0002 (30000.00)

LLA :
AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732-0001
CIN: 130013873200005

402001 1300138516 (7617.67)

LLA :
AB 1701507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000317009
Standard Number: 1300138516
CIN 130013851600001

422004 1300232340-0001 (19841.37)

LLA :
BG 1721507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000919430
Standard Number: CIN 130023234000003

442007 1300389492-0002 (30000.00)

LLA :
CF 1741507 J2EL 251 00019 0 050120 2D 000000 A10002018629
Standard Number: CIN 130038949200015

601004 1300138732-0001 (2987.01)

LLA :
AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732-0001
CIN: 130013873200006

601005 1300138732-0001 (500.00)

LLA :
AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732-0001
CIN: 130013873200007

601007 1300138732-0003 (500.00)

LLA :
AG 1701804 4D1D 251 00019 0 050120 2D 000000 COST CODE: A00000318795
Standard Number: 1300138732
CIN: 130013873200005

602004 1300138516-0001 (761.98)

LLA :
AH 1701507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000317009
Standard Number: CIN 130013851600004

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
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612001 1300183849 (3000.00)

LLA :

AS 1711507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000608461

Standard Number: CIN 130018384900002:

622001 1300232340 (2000.00)

LLA :

BG 1721507 J2EL 251 00019 0 050120 2D 000000 COST CODE: A00000919430

Standard Number: CIN 130023234000002

631001 1300315323 (5500.00)

LLA :

BS 1731804 4D1D 251 00019 0 050120 2D 000000 A00001493480

Standard Number: CIN: 130031532300004

632001 1300315323 (996.05)

LLA :

BT 1731507 J2EL 251 00019 0 050120 2D 000000 A10001493480

Standard Number: CIN: 130031532300006

641001 1300389492 (9246.02)

LLA :

CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629

Standard Number: CIN 130038949200002

641002 1300389492-0001 (25000.00)

LLA :

CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629

Standard Number: CIN 130038949200012

641003 1300389492-0003 (35000.00)

LLA :

CG 1741804 4D1D 251 00019 0 050120 2D 000000 A00002018629

Standard Number: CIN 130038949200017

642001 1300389492 (25000.00)

LLA :

CF 1741507 J2EL 251 00019 0 050120 2D 000000 A10002018629

Standard Number: CIN 130038949200004

642002 1300389492-0001 (25000.00)

LLA :

CF 1741507 J2EL 251 00019 0 050120 2D 000000 A10002018629

Standard Number: CIN 130038949200013

MOD 60 Funding -222950.10

Cumulative Funding 48967890.06

MOD 61

424001 1300230777 (100000.00)

LLA :

BE 97-11X8242 2880 000 74802 0 065916 2D PUK844 COST CODE: 805785270GEK

Standard Number: CIN 130023077700001

434001 1300315323 (300000.00)

LLA :

BV 97-11X8242 2880 000 74802 0 065916 2D PUK844 116580020GEK

Standard Number: CIN: 130031532300001

434003 1300322348-0001 (37470.49)

LLA :

BY 97-11X8242 2884 000 74842 0 065916 2D PAT044 119080130GSL

Standard Number: CIN NO. 130032234800003

444001 1300389492 (200000.00)

LLA :

CH 97-11X8242 2880 000 74802 0 065916 2D PUK044 118080990AHJ

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Standard Number: CIN 130038949200007

MOD 61 Funding -637470.49
Cumulative Funding 48330419.57

MOD 62

701002 1300459394-0002 (250009.85)

LLA :
CT 1751804 4D1D 251 00019 0 050120 2D 000000 A10002562404
Standard Number: CIN 13004593940013

702006 1300459394-0002 (84910.91)

LLA :
CR 1751507 J2EL 251 00019 0 050120 2D 000000 A00002562404
Standard Number: CIN 130045939400017

703002 1300459394-0002 (33138.59)

LLA :
CS 1751319 J7XR 251 00019 0 050120 2D 000000 A30002562404
Standard Number: CIN 130045939400015

704002 1300459394-0002 (118147.77)

LLA :
CU 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684510FAY
Standard Number: CIN 130045939400018

707002 1300459394-0005 144570.14

LLA :
CR 1751507 J2EL 251 00019 0 050120 2D 000000 A00002562404
Standard Number: CIN No. 130045939400031

708002 1300459394-0005 33138.59

LLA :
CS 1751319 J7XR 251 00019 0 050120 2D 000000 A30002562404
Standard Number: CIN No. 130045939400030

709002 1300459394-0005 26228.27

LLA :
CU 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684510FAY
Standard Number: CIN No. 130045939400032

MOD 62 Funding -282270.12
Cumulative Funding 48048149.45

MOD 63

707003 1300527995 17029.00

LLA :
DB 1711611 H232 251 SB450 0 050120 2D 000000 A00003077704
Standard Number: 130052799500001
SOW Para. 3.9.1, 5.9.1, 5.9.2, 5.9.3

707004 1300460533-0001 12517.00

LLA :
CX 1731611 1224 251 SH400 0 050120 2D 000000 A10002575713
Standard Number: 130046053300007
DDG 118

707005 1300460533-0001 12517.00

LLA :
CW 1731611 1224 251 SH400 0 050120 2D 000000 A00002575713
Standard Number: 130046053300006
DDG 117

MOD 63 Funding 42063.00
Cumulative Funding 48090212.45

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MOD 64

706005 1300535404 1049306.67

LLA :
DE 1761804 4D1D 251 00019 0 050120 2D 000000 A10003155120
Standard Number: CIN 130053540400003

707006 1300535404 318464.07

LLA :
DD 1761507 J2EL 251 00019 0 050120 2D 000000 A00003155120
Standard Number: CIN 130053540400001

708003 1300535404 210855.35

LLA :
DC 1761319 J7XR 251 00019 0 050120 2D 000000 A20003155120
Standard Number: CIN 130053540400006

709003 1300535404 296545.50

LLA :
DF 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684530FAY
Standard Number: CIN 130053540400007
CASE #: UK-P-FAY RSN 009 PDLI 9CRZ PUK044/4016/8453

905002 1300535404 2500.00

LLA :
DE 1761804 4D1D 251 00019 0 050120 2D 000000 A10003155120
Standard Number: CIN 130053540400004

906002 1300535404 1000.00

LLA :
DD 1761507 J2EL 251 00019 0 050120 2D 000000 A00003155120
Standard Number: CIN 130053540400002

907002 1300535404 10000.00

LLA :
DC 1761319 J7XR 251 00019 0 050120 2D 000000 A20003155120
Standard Number: CIN 130053540400006

908002 1300535404 1000.00

LLA :
DF 97-11X8242 2880 000 74802 0 065916 2D PUK044 401684530FAY
Standard Number: CIN 130053540400008
CASE #: UK-P-FAY RSN 009 PDLI 9CRZ PUK044/4016/8453

MOD 64 Funding 1889671.59
Cumulative Funding 49979884.04

MOD 65 Funding 0.00
Cumulative Funding 49979884.04

MOD 66

707007 1300539929 21345.50

LLA :
DG 1711611 H232 251 SB450 0 050120 2D 000000 A00003195847
Standard Number: CIN 130053992900001
Tomahawk Contractor Support VA Class 786

MOD 66 Funding 21345.50
Cumulative Funding 50001229.54

MOD 67

702003 1300466271 (16441.20)

LLA :
CV 1711611 H232 251 SB450 0 050120 2D 000000 A00002627522
Standard Number: CIN 130046627100001

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707008 1300536652 16326.20
 LLA :
 DH 1741611 1224 251 SH400 0 050120 2D 000000 A000003166249
 Standard Number: 13005366520001
 TTWCS DDG-119

707009 1300536652 16326.20
 LLA :
 DJ 1731611 1224 251 SH400 0 050120 2D 000000 A10003166249
 Standard Number: 13005366520002
 TTWCS DDG-120

MOD 67 Funding 16211.20
 Cumulative Funding 50017440.74

MOD 68

706005 1300535404 (25000.00)
 LLA :
 DE 1761804 4D1D 251 00019 0 050120 2D 000000 A10003155120
 Standard Number: CIN 130053540400003

905003 1300535404-0002 25000.00
 LLA :
 DE 1761804 4D1D 251 00019 0 050120 2D 000000 A10003155120
 Standard Number: 130053540400015
 PMA 280

MOD 68 Funding 0.00
 Cumulative Funding 50017440.74

MOD 69

442004 1300399558 (18953.96)
 LLA :
 CL 1701811 1224 253 SUWMW 0 068342 2D 000000 20010900101H
 Standard Number: CIN 130039955800002

MOD 69 Funding -18953.96
 Cumulative Funding 49998486.78

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SECTION H SPECIAL CONTRACT REQUIREMENTS

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 the Performance Based SOW. The Task Order will specify to which suppliers and/or equipment subparagraph (f) restrictions apply.

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

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

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

(1) "System" includes system, major component, subassembly or subsystem, project, or item.

(2) "Nondevelopmental items" as defined in FAR 2.101.

(3) "Systems Engineering" (SE) includes, but is not limited to, the activities in FAR 9.505-1(b).

(4) "Technical direction" (TD) includes, but is not limited to, the activities in FAR 9.505-1(b).

(5) "Advisory and Assistance Services" (AAS) as defined in FAR 2.101.

(6) "Consultant services" as defined in FAR 31.205-33(a).

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

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

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

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

(e) Contracting restrictions.

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[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 two years after the date of completion of the contract. (FAR 9.505-1(a))

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

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

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

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

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

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

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

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

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

- (1) a description of the new conflict of interest (e.g., additional weapons systems supplier(s), corporate restructuring, new first-tier subcontractor(s), new contract) and identity of parties involved;
- (2) a description of the work to be performed;
- (3) the dollar amount;
- (4) the period of performance; and
- (5) a description of the contractor's internal controls and planned actions, to avoid any potential organizational conflict of interest.

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

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

SEA 5252.216-9122 LEVEL OF EFFORT (DEC 2000)

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

(b) Of the total man-hours of direct labor set forth above, it is estimated that **0 man-hours** are uncompensated effort.

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

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

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

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

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

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

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

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

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

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

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

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(a) Export of information contained herein, which includes release to foreign nationals within the United States, without first obtaining approval or license from the Department of State for items controlled by the International Traffic in Arms Regulations (ITARs), or the Department of Commerce for items controlled by the Export Administration Regulations (EAR), may constitute a violation of law.

(b) For violation of export laws, the contractor, its employees, officials or agents are subject to:

(1) Imprisonment and/or imposition of criminal fines; and

(2) Suspension or debarment from future Government contracting actions.

(c) The Government shall not be liable for any unauthorized use or release of export-controlled information, technical data or specifications in this contract.

(d) The contractor shall include the provisions or paragraphs (a) through (c) above in any subcontracts awarded under this contract.

**5252.227-9511 DISCLOSURE, USE AND PROTECTION OF PROPRIETARY INFORMATION
(NAVAIR) (FEB 2009)**

(a) During the performance of this contract, the Government may use an independent services contractor (ISC), who is neither an agent nor employee of the Government. The ISC may be used to conduct reviews, evaluations, or independent verification and validations of technical documents submitted to the Government during performance.

(b) The use of an ISC is solely for the convenience of the Government. The ISC has no obligation to the prime contractor. The prime contractor is required to provide full cooperation, working facilities and access to the ISC for the purposes stated in paragraph (a) above.

(c) Since the ISC is neither an employee nor agent of the Government, any findings, recommendations, analyses, or conclusions of such a contractor are not those of the Government.

(d) The prime contractor acknowledges that the Government has the right to use ISCs as stated in paragraph (a) above. It is possible that under such an arrangement the ISC may require access to or the use of information (other than restricted cost or pricing data), which is proprietary to the prime contractor.

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(e) To protect any such proprietary information from disclosure or use, and to establish the respective rights and duties of both the ISC and prime contractor, the prime contractor agrees to enter into a direct agreement with any ISC as the Government requires. A properly executed copy (per FAR 9.505-4) of the agreement will be provided to the Procuring Contracting Officer.

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

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

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

(c) Travel. Travel and subsistence are authorized for travel beyond a fifty-mile radius of the contractor's office whenever a task assignment requires work to be accomplished at a temporary alternate worksite. No travel or subsistence shall be charged for work performed within a fifty-mile radius of the contractor's office. The contractor 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.

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

Substitute the following paragraph (a) for the basic paragraph (a):

(a) The amount available for payment and allotted to this incrementally funded contract is:

CLIN 4010 - OMN Labor

██████████	██████████
██████████	██████████
Cost Plus Fixed Fee	\$ 4,223,459.40

CLIN 4020- Other (WPN/OPN/SCN) Labor

██████████	██████████
██████████	██████████
Cost Plus Fixed Fee	\$ 1,833,806.54

CLIN 4030- RDT&E Labor

██████████	██████████
██████████	██████████
Cost Plus Fixed Fee	\$ 1,156,408.20

CLIN 4040- FMS Labor

██████████	██████████
██████████	██████████
Cost Plus Fixed Fee	\$ 619,435.78

TOTAL LABOR FUNDS FOR BASE YEAR - \$7,833,109.92(CLINS 4010,4020,4030,4040)

OPTION YEAR I

CLIN 4110 - OMN Labor

██████████	██████████
██████████	██████████
Cost Plus Fixed Fee	\$ 4,691,391.00

CLIN 4120- Other (WPN/OPN/SCN) Labor

██████████	██████████
██████████	██████████
Cost Plus Fixed Fee	\$ 2,266,739.00

CLIN 4130- RDT&E Labor

██████████	██████████
██████████	██████████
Cost Plus Fixed Fee	\$ 863,850.00

CLIN 4140- FMS Labor

██████████	██████████
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[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 988,250.00

TOTAL LABOR FUNDS FOR OPTION YEAR 1 \$8,810,230.00 (CLINS 4110, 4120, 4130, 4140)

OPTION YEAR 2

CLIN 4210 - OMN Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 4,939,402.00

CLIN 4220 - WPN/OPN/SCN) Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 2,152,780.59

CLIN 4230 RDT&E Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 708,500.00

CLIN 4240 FMS Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 794,000.00

TOTAL LABOR FUNDS FOR OPTION YEAR 2 \$8,594,682.59 (CLINS 4210, 4220, 4230, 4240)

OPTION YEAR 3

CLIN 4310 - OMN Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 4,425,983.00

CLIN 4320 - WPN/OPN/SCN) Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 1,378,200.00

CLIN 4330 RDT&E Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 702,000.00

CLIN 4340 FMS Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 1,290,053.91

TOTAL LABOR FUNDS FOR OPTION YEAR 3 \$7,796,236.91 (CLINS 4310, 4320, 4330, 4340)

OPTION YEAR 4

CLIN 4410 - OMN Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 2,983,900.29

CLIN 4420 - (WPN/OPN/SCN) Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 2,553,410.00

CLIN 4430 RDT&E Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 878,701.58

CLIN 4440 FMS Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 903,200.00

TOTAL LABOR FUNDS FOR OPTION YEAR 4 \$7,319,211.87 (CLINS 4410, 4420, 4430, 4440)

CLIN 7010 - OMN Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 2,991,590.15

CLIN 7020 (WPN/OPN/SCN) Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 1,140,705.89

CLIN 7030 RDT&E Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 690,310.41

CLIN 7040 FMS Labor

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
Cost Plus Fixed Fee	\$ 810,152.23

CLIN 7050 OTHER Labor

██████████	█ ██████████
██████████	█ ██████████
Cost Plus Fixed Fee	\$ 26,407.41

TOTAL LABOR FUNDS: \$6,161,814.41 CLINS 7010, 7020, 7030, 7040, 7050)

CLIN 7060 O&MN

██████████	█ ██████████
██████████	█ ██████████
Cost Plus Fixed Fee	\$ 1,667,672.67

CLIN 7070 WPN/OPN/SCN

██████████	█ ██████████
██████████	█ ██████████
Cost Plus Fixed Fee	\$ 779,399.11

CLIN 7080 RDT&E

██████████	█ ██████████
██████████	█ ██████████
Cost Plus Fixed Fee	\$ 330,535.94

CLIN 7090 FMS

██████████	██████████
██████████	██████████
Cost Plus Fixed Fee	\$ 508,933.77

(Insert this paragraph (b):

(b) This contract is incrementally funded and the amount currently available for payment is limited to [see totals above] which includes the fixed fee. Subject to the provisions of the clause entitled "Limitation of Funds" (FAR 52.232-22) of the General Provisions of the Contract, no legal liability on the part of the Government for payment in excess of the revised total shall arise unless additional funds are made available and incorporated in a contract modification.

(c) the items covered by such amount are item(s) [4410; 4420; 4430; 4440]; 7010, 7020, 7030, 7040, 7050, 7060, 7070, 7080, and 7090.

(d) the period of performance for which it is estimated the allotted amount will cover is **21 September 2015 through 07 March 2016.**

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

- (a) A requirement of this contract is to maintain stability of personnel proposed in order to provide quality services. The contractor agrees to assign only those key personnel whose resumes were submitted and approved, and who are necessary to fulfill the requirements of the effort. The contractor agrees to assign to any effort requiring non-key personnel only personnel who meet or exceed the applicable labor category descriptions. No substitution or addition of personnel shall be made except in accordance with this clause.
- (b) If personnel for whatever reason become unavailable for work under the contract for a continuous period exceeding thirty (30) working days, or are expected to devote substantially less effort to the work than indicated in the proposal, the contractor shall propose a substitution to such personnel, in accordance with paragraph (d) below.
- (c) The contractor agrees that **during the first six months of the contract**, no key personnel substitutions or additions will be made unless necessitated by compelling reasons including, but not limited to: an individual's illness, death, termination of employment, declining an offer of employment (for those individuals proposed as contingent hires), or family friendly leave. In such an event, the contractor must promptly provide the information required by paragraph (d) below to the Contracting Officer for approval prior to the substitution or addition of key personnel.
- (d) All proposed substitutions shall be submitted, in writing, to the Contracting Officer at least fifteen (15) days (thirty (30) days if a security clearance must be obtained) prior to the proposed substitution. Each request shall provide a detailed explanation of the circumstances necessitating the proposed substitution, a complete resume for the proposed substitute, information regarding the full financial impact of the change, and any other information required by the Contracting Officer to approve or disapprove the proposed substitution. All proposed substitutes (no matter when they are proposed during the performance period) shall have qualifications that are equal to or higher than the qualifications of the person being replaced.
- (e) In the event a requirement to increase the specified level of effort for a designated labor category, but not the overall level of effort of the contract occurs, the offeror shall submit to the Contracting Officer a written request for approval to add personnel to the designated labor category. The information required is the same as that required in paragraph (d) above. The additional personnel shall have qualifications greater than or equal to at least one (1) of the individuals proposed for the designated labor category.
- (f) The Contracting Officer shall evaluate requests for substitution and addition of personnel and promptly notify the offeror, in writing, of whether the request is approved or disapproved.
- (g) If the Contracting Officer determines that suitable and timely replacement of personnel who have been reassigned, terminated or have otherwise become unavailable to perform under the contract is not reasonably forthcoming or that the resultant reduction of productive effort would impair the successful completion of the contract or the task order, the contract may be terminated by the Contracting Officer for default or for the convenience of the Government, as appropriate. Alternatively, at the Contracting Officer's discretion, if the Contracting Officer finds the contractor to be at fault for the condition, he may equitably adjust (downward) the contract price or fixed fee to compensate the Government for any delay, loss or damage as a result of the contractor's action.
- (h) Noncompliance with the provisions of this clause will be considered a material breach of the terms and conditions of the contract for which the Government may seek any and all appropriate remedies including Termination for Default pursuant to FAR Clause 52.249-6, Alt IV, "Termination (Cost-Reimbursement)".

5252.237-9503 ORDERING PROCEDURES FOR NAVY MARINE CORPS INTRANET (NMCI) SERVICES (NAVAIR) (SEP 2000)

- (a) This Support Services contract may require the use of and/or access to Department of Navy (DoN) Information

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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 # N00024-00-D-6000, clause 5.2 "Ordering."

(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.

*****NOTE*** NAVAIR Clause 5252.237-9503 Ordering Procedures for Navy Marine Corps Intranet (NMCI) Services (NAVAIR)(Sep 2000) is hereby suspended from use under this task order effective 01 October 2015.**

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

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

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

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

5252.243-9504 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

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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:

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

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

(a) Definition. Technical Direction Letters (TDLs) are a means of communication between the Contracting Officer's Representative (COR) or SeaPort-e 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.

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(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.

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

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

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

[List Government property and applicable contract number(s). Refer to NMCARS 5245.311 if transferring Government property between contracts. If none, then enter "NONE"]

Contract Number	Nomenclature/ Description	Part/ Model/ Number	Mfg	Serial Number (Unique Item Identifier)	Quantity/ Unit of Issue	As Is: Yes/No	Unit Acq Cost	

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

[List Government property here -- include everything except Material, as defined in FAR 45.101. If none, then enter "NONE".]

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

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POC or AIR 7.2.)							

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

[List Government material here. If none, then enter "NONE".]

Nomenclature/ Description	Part Number	Mfg	Unit of Issue	Quantity	As Is: Yes/No	Unit Acq Cost	

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

[List items AND quantity authorized for requisition. If none, then enter "NONE".]

Schedule/Source	Nomenclature/ Description	Part Number	Mfg	Unit of Issue	Quantity Authorized	Unit Acq Cost	

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

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

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

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SECTION I CONTRACT CLAUSES

52.204-9 Personal Identity Verification of Contractor Personnel (Sept 2007)

- (a) The Contractor shall comply with agency personal identity verification procedures identified in the contract that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) guidance M-05-24 and Federal Information Processing Standards Publication (FIPS PUB) Number 201.
- (b) The Contractor shall insert this clause in all subcontracts when the subcontractor is required to have routine physical access to a Federally-controlled facility and/or routine access to a Federally-controlled information system.

52.216-7 Allowable Cost and Payment (Dec 2002)

(a) Invoicing.

- (1) The Government will make payments to the Contractor when requested as work progresses, but (except for small business concerns) not more often than once every 2 weeks, in amounts determined to be allowable by the Contracting Officer in accordance with Federal Acquisition Regulation (FAR) [Subpart 31.2](#) in effect on the date of this contract and the terms of this contract. The Contractor may submit to an authorized representative of the Contracting Officer, in such form and reasonable detail as the representative may require, an invoice or voucher supported by a statement of the claimed allowable cost for performing this contract.
- (2) Contract financing payments are not subject to the interest penalty provisions of the Prompt Payment Act. Interim payments made prior to the final payment under the contract are contract financing payments, except interim payments if this contract contains Alternate I to the clause at [52.232-25](#).
- (3) The designated payment office will make interim payments for contract financing on the **30th** day after the designated billing office receives a proper payment request. In the event that the Government requires an audit or other review of a specific payment request to ensure compliance with the terms and conditions of the contract, the designated payment office is not compelled to make payment by the specified due date.

(b) Reimbursing costs.

- (1) For the purpose of reimbursing allowable costs (except as provided in paragraph (b)(2) of this clause, with respect to pension, deferred profit sharing, and employee stock ownership plan contributions), the term "costs" includes only—
- (i) Those recorded costs that, at the time of the request for reimbursement, the Contractor has paid by cash, check, or other form of actual payment for items or services purchased directly for the contract;
- (ii) When the Contractor is not delinquent in paying costs of contract performance in the ordinary course of business, costs incurred, but not necessarily paid, for—
- (A) Supplies and services purchased directly for the contract and associated financing payments to subcontractors, provided payments determined due will be made—
- (1) In accordance with the terms and conditions of a subcontract or invoice; and
- (2) Ordinarily within 30 days of the submission of the Contractor's payment request to the Government;
- (B) Materials issued from the Contractor's inventory and placed in the production process for use on the contract;
- (C) Direct labor;
- (D) Direct travel;

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(E) Other direct in-house costs; and

(F) Properly allocable and allowable indirect costs, as shown in the records maintained by the Contractor for purposes of obtaining reimbursement under Government contracts; and

(iii) The amount of financing payments that have been paid by cash, check, or other forms of payment to subcontractors.

(2) Accrued costs of Contractor contributions under employee pension plans shall be excluded until actually paid unless—

(i) The Contractor's practice is to make contributions to the retirement fund quarterly or more frequently; and

(ii) The contribution does not remain unpaid 30 days after the end of the applicable quarter or shorter payment period (any contribution remaining unpaid shall be excluded from the Contractor's indirect costs for payment purposes).

(3) Notwithstanding the audit and adjustment of invoices or vouchers under paragraph (g) of this clause, allowable indirect costs under this contract shall be obtained by applying indirect cost rates established in accordance with paragraph (d) of this clause.

(4) Any statements in specifications or other documents incorporated in this contract by reference designating performance of services or furnishing of materials at the Contractor's expense or at no cost to the Government shall be disregarded for purposes of cost-reimbursement under this clause.

(c) *Small business concerns.* A small business concern may receive more frequent payments than every 2 weeks.

(d) Final indirect cost rates.

(1) Final annual indirect cost rates and the appropriate bases shall be established in accordance with [Subpart 42.7](#) of the Federal Acquisition Regulation (FAR) in effect for the period covered by the indirect cost rate proposal.

(2)(i) The Contractor shall submit an adequate final indirect cost rate proposal to the Contracting Officer (or cognizant Federal agency official) and auditor within the 6-month period following the expiration of each of its fiscal years. Reasonable extensions, for exceptional circumstances only, may be requested in writing by the Contractor and granted in writing by the Contracting Officer. The Contractor shall support its proposal with adequate supporting data.

(ii) The proposed rates shall be based on the Contractor's actual cost experience for that period. The appropriate Government representative and the Contractor shall establish the final indirect cost rates as promptly as practical after receipt of the Contractor's proposal.

(3) The Contractor and the appropriate Government representative shall execute a written understanding setting forth the final indirect cost rates. The understanding shall specify (i) the agreed-upon final annual indirect cost rates, (ii) the bases to which the rates apply, (iii) the periods for which the rates apply, (iv) any specific indirect cost items treated as direct costs in the settlement, and (v) the affected contract and/or subcontract, identifying any with advance agreements or special terms and the applicable rates. The understanding shall not change any monetary ceiling, contract obligation, or specific cost allowance or disallowance provided for in this contract. The understanding is incorporated into this contract upon execution.

(4) Failure by the parties to agree on a final annual indirect cost rate shall be a dispute within the meaning of the Disputes clause.

(5) Within 120 days (or longer period if approved in writing by the Contracting Officer) after settlement of the final annual indirect cost rates for all years of a physically complete contract, the Contractor shall submit a completion invoice or voucher to reflect the settled amounts and rates.

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(6)(i) If the Contractor fails to submit a completion invoice or voucher within the time specified in paragraph (d)(5) of this clause, the Contracting Officer may—

(A) Determine the amounts due to the Contractor under the contract; and

(B) Record this determination in a unilateral modification to the contract.

(ii) This determination constitutes the final decision of the Contracting Officer in accordance with the Disputes clause.

(e) *Billing rates.* Until final annual indirect cost rates are established for any period, the Government shall reimburse the Contractor at billing rates established by the Contracting Officer or by an authorized representative (the cognizant auditor), subject to adjustment when the final rates are established. These billing rates—

(1) Shall be the anticipated final rates; and

(2) May be prospectively or retroactively revised by mutual agreement, at either party's request, to prevent substantial overpayment or underpayment.

(f) *Quick-closeout procedures.* Quick-closeout procedures are applicable when the conditions in FAR [42.708\(a\)](#) are satisfied.

(g) *Audit.* At any time or times before final payment, the Contracting Officer may have the Contractor's invoices or vouchers and statements of cost audited. Any payment may be—

(1) Reduced by amounts found by the Contracting Officer not to constitute allowable costs; or

(2) Adjusted for prior overpayments or underpayments.

(h) Final payment.

(1) Upon approval of a completion invoice or voucher submitted by the Contractor in accordance with paragraph (d)(5) of this clause, and upon the Contractor's compliance with all terms of this contract, the Government shall promptly pay any balance of allowable costs and that part of the fee (if any) not previously paid.

(2) The Contractor shall pay to the Government any refunds, rebates, credits, or other amounts (including interest, if any) accruing to or received by the Contractor or any assignee under this contract, to the extent that those amounts are properly allocable to costs for which the Contractor has been reimbursed by the Government. Reasonable expenses incurred by the Contractor for securing refunds, rebates, credits, or other amounts shall be allowable costs if approved by the Contracting Officer. Before final payment under this contract, the Contractor and each assignee whose assignment is in effect at the time of final payment shall execute and deliver—

(i) An assignment to the Government, in form and substance satisfactory to the Contracting Officer, of refunds, rebates, credits, or other amounts (including interest, if any) properly allocable to costs for which the Contractor has been reimbursed by the Government under this contract; and

(ii) A release discharging the Government, its officers, agents, and employees from all liabilities, obligations, and claims arising out of or under this contract, except—

(A) Specified claims stated in exact amounts, or in estimated amounts when the exact amounts are not known;

(B) Claims (including reasonable incidental expenses) based upon liabilities of the Contractor to third parties arising out of the performance of this contract; provided, that the claims are not known to the Contractor on the date of the execution of the release, and that the Contractor gives notice of the claims in writing to the Contracting Officer within 6 years following the release date or notice of final payment date, whichever is earlier; and

(C) Claims for reimbursement of costs, including reasonable incidental expenses, incurred by the Contractor under

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the patent clauses of this contract, excluding, however, any expenses arising from the Contractor's indemnification of the Government against patent liability.

52.216-8 Fixed Fee(Mar 1997)

(a) The Government shall pay the Contractor for performing this contract the fixed fee specified in the Schedule.

(b) Payment of the fixed fee shall be made as specified in the Schedule; provided that after payment of 85 percent of the fixed fee, the Contracting Officer may withhold further payment of fee until a reserve is set aside in an amount that the Contracting Officer considers necessary to protect the Government's interest. This reserve shall not exceed 15 percent of the total fixed fee or \$100,000, whichever is less. The Contracting Officer shall release 75 percent of all fee withholds under this contract after receipt of the certified final indirect cost rate proposal covering the year of physical completion of this contract, provided the Contractor has satisfied all other contract terms and conditions, including the submission of the final patent and royalty reports, and is not delinquent in submitting final vouchers on prior years' settlements. The Contracting Officer may release up to 90 percent of the fee withholds under this contract based on the Contractor's past performance related to the submission and settlement of final indirect cost rate proposals.

52.217-8 Option to Extend Services (Nov 1999)

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

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

(a) The Government may extend the term of this contract by written notice to the Contractor on or before the expiration of the task order; 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 five years.

52.222-41 Service Contract Act of 1965 (Nov 2007)

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

“Act” means the Service Contract Act of 1965 ([41 U.S.C. 351](#), *et seq.*).

“Contractor,” when this clause is used in any subcontract, shall be deemed to refer to the subcontractor, except in the term “Government Prime Contractor.”

“Service employee” means any person engaged in the performance of this contract other than any person employed in a bona fide executive, administrative, or professional capacity, as these terms are defined in Part 541 of Title 29, *Code of Federal Regulations*, as revised. It includes all such persons regardless of any contractual relationship that may be alleged to exist between a Contractor or subcontractor and such persons.

(b) *Applicability.* This contract is subject to the following provisions and to all other applicable provisions of the

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Act and regulations of the Secretary of Labor (29 CFR Part 4). This clause does not apply to contracts or subcontracts administratively exempted by the Secretary of Labor or exempted by [41 U.S.C. 356](#), as interpreted in Subpart C of 29 CFR Part 4.

(c) Compensation.

(1) Each service employee employed in the performance of this contract by the Contractor or any subcontractor shall be paid not less than the minimum monetary wages and shall be furnished fringe benefits in accordance with the wages and fringe benefits determined by the Secretary of Labor, or authorized representative, as specified in any wage determination attached to this contract.

(2)(i) If a wage determination is attached to this contract, the Contractor shall classify any class of service employee which is not listed therein and which is to be employed under the contract (*i.e.*, the work to be performed is not performed by any classification listed in the wage determination) so as to provide a reasonable relationship (*i.e.*, appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed class of employees shall be paid the monetary wages and furnished the fringe benefits as are determined pursuant to the procedures in this paragraph (c).

(ii) This conforming procedure shall be initiated by the Contractor prior to the performance of contract work by the unlisted class of employee. The Contractor shall submit [Standard Form \(SF\) 1444](#), Request For Authorization of Additional Classification and Rate, to the Contracting Officer no later than 30 days after the unlisted class of employee performs any contract work. The Contracting Officer shall review the proposed classification and rate and promptly submit the completed [SF 1444](#) (which must include information regarding the agreement or disagreement of the employees' authorized representatives or the employees themselves together with the agency recommendation), and all pertinent information to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor. The Wage and Hour Division will approve, modify, or disapprove the action or render a final determination in the event of disagreement within 30 days of receipt or will notify the Contracting Officer within 30 days of receipt that additional time is necessary.

(iii) The final determination of the conformance action by the Wage and Hour Division shall be transmitted to the Contracting Officer who shall promptly notify the Contractor of the action taken. Each affected employee shall be furnished by the Contractor with a written copy of such determination or it shall be posted as a part of the wage determination.

(iv)(A) The process of establishing wage and fringe benefit rates that bear a reasonable relationship to those listed in a wage determination cannot be reduced to any single formula. The approach used may vary from wage determination to wage determination depending on the circumstances. Standard wage and salary administration practices which rank various job classifications by pay grade pursuant to point schemes or other job factors may, for example, be relied upon. Guidance may also be obtained from the way different jobs are rated under Federal pay systems (Federal Wage Board Pay System and the General Schedule) or from other wage determinations issued in the same locality. Basic to the establishment of any conformable wage rate(s) is the concept that a pay relationship should be maintained between job classifications based on the skill required and the duties performed.

(B) In the case of a contract modification, an exercise of an option, or extension of an existing contract, or in any other case where a Contractor succeeds a contract under which the classification in question was previously conformed pursuant to paragraph (c) of this clause, a new conformed wage rate and fringe benefits may be assigned to the conformed classification by indexing (*i.e.*, adjusting) the previous conformed rate and fringe benefits by an amount equal to the average (mean) percentage increase (or decrease, where appropriate) between the wages and fringe benefits specified for all classifications to be used on the contract which are listed in the current wage determination, and those specified for the corresponding classifications in the previously applicable wage determination. Where conforming actions are accomplished in accordance with this paragraph prior to the performance of contract work by the unlisted class of employees, the Contractor shall advise the Contracting Officer of the action taken but the other procedures in subdivision (c)(2)(ii) of this clause need not be followed.

(C) No employee engaged in performing work on this contract shall in any event be paid less than the currently

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applicable minimum wage specified under section 6(a)(1) of the Fair Labor Standards Act of 1938, as amended.

(v) The wage rate and fringe benefits finally determined under this paragraph (c)(2) of this clause shall be paid to all employees performing in the classification from the first day on which contract work is performed by them in the classification. Failure to pay the unlisted employees the compensation agreed upon by the interested parties and/or finally determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract.

(vi) Upon discovery of failure to comply with paragraph (c)(2) of this clause, the Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be retroactive to the date such class or classes of employees commenced contract work.

(3) *Adjustment of compensation.* If the term of this contract is more than 1 year, the minimum monetary wages and fringe benefits required to be paid or furnished thereunder to service employees under this contract shall be subject to adjustment after 1 year and not less often than once every 2 years, under wage determinations issued by the Wage and Hour Division.

(d) *Obligation to furnish fringe benefits.* The Contractor or subcontractor may discharge the obligation to furnish fringe benefits specified in the attachment or determined under paragraph (c)(2) of this clause by furnishing equivalent combinations of bona fide fringe benefits, or by making equivalent or differential cash payments, only in accordance with Subpart D of 29 CFR Part 4.

(e) *Minimum wage.* In the absence of a minimum wage attachment for this contract, neither the Contractor nor any subcontractor under this contract shall pay any person performing work under this contract (regardless of whether the person is a service employee) less than the minimum wage specified by section 6(a)(1) of the Fair Labor Standards Act of 1938. Nothing in this clause shall relieve the Contractor or any subcontractor of any other obligation under law or contract for payment of a higher wage to any employee.

(f) *Successor contracts.* If this contract succeeds a contract subject to the Act under which substantially the same services were furnished in the same locality and service employees were paid wages and fringe benefits provided for in a collective bargaining agreement, in the absence of the minimum wage attachment for this contract setting forth such collectively bargained wage rates and fringe benefits, neither the Contractor nor any subcontractor under this contract shall pay any service employee performing any of the contract work (regardless of whether or not such employee was employed under the predecessor contract), less than the wages and fringe benefits provided for in such collective bargaining agreement, to which such employee would have been entitled if employed under the predecessor contract, including accrued wages and fringe benefits and any prospective increases in wages and fringe benefits provided for under such agreement. No Contractor or subcontractor under this contract may be relieved of the foregoing obligation unless the limitations of 29 CFR 4.1b(b) apply or unless the Secretary of Labor or the Secretary's authorized representative finds, after a hearing as provided in 29 CFR 4.10 that the wages and/or fringe benefits provided for in such agreement are substantially at variance with those which prevail for services of a character similar in the locality, or determines, as provided in 29 CFR 4.11, that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's length negotiations. Where it is found in accordance with the review procedures provided in 29 CFR 4.10 and/or 4.11 and Parts 6 and 8 that some or all of the wages and/or fringe benefits contained in a predecessor Contractor's collective bargaining agreement are substantially at variance with those which prevail for services of a character similar in the locality, and/or that the collective bargaining agreement applicable to service employees employed under the predecessor contract was not entered into as a result of arm's length negotiations, the Department will issue a new or revised wage determination setting forth the applicable wage rates and fringe benefits. Such determination shall be made part of the contract or subcontract, in accordance with the decision of the Administrator, the Administrative Law Judge, or the Administrative Review Board, as the case may be, irrespective of whether such issuance occurs prior to or after the award of a contract or subcontract (53 Comp. Gen. 401 (1973)). In the case of a wage determination issued solely as a result of a finding of substantial variance, such determination shall be effective as of the date of the final administrative decision.

(g) *Notification to employees.* The Contractor and any subcontractor under this contract shall notify each service

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employee commencing work on this contract of the minimum monetary wage and any fringe benefits required to be paid pursuant to this contract, or shall post the wage determination attached to this contract. The poster provided by the Department of Labor (Publication WH 1313) shall be posted in a prominent and accessible place at the worksite. Failure to comply with this requirement is a violation of section 2(a)(4) of the Act and of this contract.

(h) *Safe and sanitary working conditions.* The Contractor or subcontractor shall not permit any part of the services called for by this contract to be performed in buildings or surroundings or under working conditions provided by or under the control or supervision of the Contractor or subcontractor which are unsanitary, hazardous, or dangerous to the health or safety of the service employees. The Contractor or subcontractor shall comply with the safety and health standards applied under 29 CFR Part 1925.

(i) Records.

(1) The Contractor and each subcontractor performing work subject to the Act shall make and maintain for 3 years from the completion of the work, and make them available for inspection and transcription by authorized representatives of the Wage and Hour Division, Employment Standards Administration, a record of the following:

(i) For each employee subject to the Act—

(A) Name and address and social security number;

(B) Correct work classification or classifications, rate or rates of monetary wages paid and fringe benefits provided, rate or rates of payments in lieu of fringe benefits, and total daily and weekly compensation;

(C) Daily and weekly hours worked by each employee; and

(D) Any deductions, rebates, or refunds from the total daily or weekly compensation of each employee.

(ii) For those classes of service employees not included in any wage determination attached to this contract, wage rates or fringe benefits determined by the interested parties or by the Administrator or authorized representative under the terms of paragraph (c) of this clause. A copy of the report required by subdivision (c)(2)(ii) of this clause will fulfill this requirement.

(iii) Any list of the predecessor Contractor's employees which had been furnished to the Contractor as prescribed by paragraph (n) of this clause.

(2) The Contractor shall also make available a copy of this contract for inspection or transcription by authorized representatives of the Wage and Hour Division.

(3) Failure to make and maintain or to make available these records for inspection and transcription shall be a violation of the regulations and this contract, and in the case of failure to produce these records, the Contracting Officer, upon direction of the Department of Labor and notification to the Contractor, shall take action to cause suspension of any further payment or advance of funds until the violation ceases.

(4) The Contractor shall permit authorized representatives of the Wage and Hour Division to conduct interviews with employees at the worksite during normal working hours.

(j) *Pay periods.* The Contractor shall unconditionally pay to each employee subject to the Act all wages due free and clear and without subsequent deduction (except as otherwise provided by law or regulations, 29 CFR Part 4), rebate, or kickback on any account. These payments shall be made no later than one pay period following the end of the regular pay period in which the wages were earned or accrued. A pay period under this Act may not be of any duration longer than semi-monthly.

(k) *Withholding of payments and termination of contract.* The Contracting Officer shall withhold or cause to be withheld from the Government Prime Contractor under this or any other Government contract with the Prime Contractor such sums as an appropriate official of the Department of Labor requests or such sums as the

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Contracting Officer decides may be necessary to pay underpaid employees employed by the Contractor or subcontractor. In the event of failure to pay any employees subject to the Act all or part of the wages or fringe benefits due under the Act, the Contracting Officer may, after authorization or by direction of the Department of Labor and written notification to the Contractor, take action to cause suspension of any further payment or advance of funds until such violations have ceased. Additionally, any failure to comply with the requirements of this clause may be grounds for termination of the right to proceed with the contract work. In such event, the Government may enter into other contracts or arrangements for completion of the work, charging the Contractor in default with any additional cost.

(l) *Subcontracts.* The Contractor agrees to insert this clause in all subcontracts subject to the Act.

(m) *Collective bargaining agreements applicable to service employees.* If wages to be paid or fringe benefits to be furnished any service employees employed by the Government Prime Contractor or any subcontractor under the contract are provided for in a collective bargaining agreement which is or will be effective during any period in which the contract is being performed, the Government Prime Contractor shall report such fact to the Contracting Officer, together with full information as to the application and accrual of such wages and fringe benefits, including any prospective increases, to service employees engaged in work on the contract, and a copy of the collective bargaining agreement. Such report shall be made upon commencing performance of the contract, in the case of collective bargaining agreements effective at such time, and in the case of such agreements or provisions or amendments thereof effective at a later time during the period of contract performance such agreements shall be reported promptly after negotiation thereof.

(n) *Seniority list.* Not less than 10 days prior to completion of any contract being performed at a Federal facility where service employees may be retained in the performance of the succeeding contract and subject to a wage determination which contains vacation or other benefit provisions based upon length of service with a Contractor (predecessor) or successor (29 CFR 4.173), the incumbent Prime Contractor shall furnish the Contracting Officer a certified list of the names of all service employees on the Contractor's or subcontractor's payroll during the last month of contract performance. Such list shall also contain anniversary dates of employment on the contract either with the current or predecessor Contractors of each such service employee. The Contracting Officer shall turn over such list to the successor Contractor at the commencement of the succeeding contract.

(o) *Rulings and interpretations.* Rulings and interpretations of the Act are contained in Regulations, 29 CFR Part 4.

(p) Contractor's certification.

(1) By entering into this contract, the Contractor (and officials thereof) certifies that neither it (nor he or she) nor any person or firm who has a substantial interest in the Contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of the sanctions imposed under section 5 of the Act.

(2) No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract under section 5 of the Act.

(3) The penalty for making false statements is prescribed in the U.S. Criminal Code, [18 U.S.C. 1001](#).

(q) *Variations, tolerances, and exemptions involving employment.* Notwithstanding any of the provisions in paragraphs (b) through (o) of this clause, the following employees may be employed in accordance with the following variations, tolerances, and exemptions, which the Secretary of Labor, pursuant to section 4(b) of the Act prior to its amendment by Pub. L. 92-473, found to be necessary and proper in the public interest or to avoid serious impairment of the conduct of Government business:

(1) Apprentices, student-learners, and workers whose earning capacity is impaired by age, physical or mental deficiency, or injury may be employed at wages lower than the minimum wages otherwise required by section 2(a)(1) or 2(b)(1) of the Act without diminishing any fringe benefits or cash payments in lieu thereof required under section 2(a)(2) of the Act, in accordance with the conditions and procedures prescribed for the

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employment of apprentices, student-learners, handicapped persons, and handicapped clients of sheltered workshops under section 14 of the Fair Labor Standards Act of 1938, in the regulations issued by the Administrator (29 CFR parts 520, 521, 524, and 525).

(2) The Administrator will issue certificates under the Act for the employment of apprentices, student-learners, handicapped persons, or handicapped clients of sheltered workshops not subject to the Fair Labor Standards Act of 1938, or subject to different minimum rates of pay under the two acts, authorizing appropriate rates of minimum wages (but without changing requirements concerning fringe benefits or supplementary cash payments in lieu thereof), applying procedures prescribed by the applicable regulations issued under the Fair Labor Standards Act of 1938 (29 CFR parts 520, 521, 524, and 525).

(3) The Administrator will also withdraw, annul, or cancel such certificates in accordance with the regulations in 29 CFR parts 525 and 528.

(r) *Apprentices.* Apprentices will be permitted to work at less than the predetermined rate for the work they perform when they are employed and individually registered in a bona fide apprenticeship program registered with a State Apprenticeship Agency which is recognized by the U.S. Department of Labor, or if no such recognized agency exists in a State, under a program registered with the Office of Apprenticeship Training, Employer, and Labor Services (OATELS), U.S. Department of Labor. Any employee who is not registered as an apprentice in an approved program shall be paid the wage rate and fringe benefits contained in the applicable wage determination for the journeyman classification of work actually performed. The wage rates paid apprentices shall not be less than the wage rate for their level of progress set forth in the registered program, expressed as the appropriate percentage of the journeyman's rate contained in the applicable wage determination. The allowable ratio of apprentices to journeymen employed on the contract work in any craft classification shall not be greater than the ratio permitted to the Contractor as to his entire work force under the registered program.

(s) *Tips.* An employee engaged in an occupation in which the employee customarily and regularly receives more than \$30 a month in tips may have the amount of these tips credited by the employer against the minimum wage required by section 2(a)(1) or section 2(b)(1) of the Act, in accordance with section 3(m) of the Fair Labor Standards Act and Regulations, 29 CFR Part 531. However, the amount of credit shall not exceed \$1.34 per hour beginning January 1, 1981. To use this provision—

- (1) The employer must inform tipped employees about this tip credit allowance before the credit is utilized;
- (2) The employees must be allowed to retain all tips (individually or through a pooling arrangement and regardless of whether the employer elects to take a credit for tips received);
- (3) The employer must be able to show by records that the employee receives at least the applicable Service Contract Act minimum wage through the combination of direct wages and tip credit; and
- (4) The use of such tip credit must have been permitted under any predecessor collective bargaining agreement applicable by virtue of section 4(c) of the Act.

(t) *Disputes concerning labor standards.* The U.S. Department of Labor has set forth in 29 CFR parts 4, 6, and 8 procedures for resolving disputes concerning labor standards requirements. Such disputes shall be resolved in accordance with those procedures and not the Disputes clause of this contract. Disputes within the meaning of this clause include disputes between the Contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

52.226-1 Utilization of Indian Organizations and Indian-Owned Economic Enterprises.

Utilization of Indian Organizations and Indian-Owned Economic Enterprises (June 2000)

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

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“Indian” means any person who is a member of any Indian tribe, band, group, pueblo, or community that is recognized by the Federal Government as eligible for services from the Bureau of Indian Affairs (BIA) in accordance with [25 U.S.C. 1452\(c\)](#) and any “Native” as defined in the Alaska Native Claims Settlement Act ([43 U.S.C. 1601](#)).

“Indian organization” means the governing body of any Indian tribe or entity established or recognized by the governing body of an Indian tribe for the purposes of [25 U.S.C., Chapter 17](#).

“Indian-owned economic enterprise” means any Indian-owned (as determined by the Secretary of the Interior) commercial, industrial, or business activity established or organized for the purpose of profit, provided that Indian ownership constitutes not less than 51 percent of the enterprise.

“Indian tribe” means any Indian tribe, band, group, pueblo, or community, including native villages and native groups (including corporations organized by Kenai, Juneau, Sitka, and Kodiak) as defined in the Alaska Native Claims Settlement Act, that is recognized by the Federal Government as eligible for services from BIA in accordance with [25 U.S.C. 1452\(c\)](#).

“Interested party” means a prime contractor or an actual or prospective offeror whose direct economic interest would be affected by the award of a subcontract or by the failure to award a subcontract.

(b) The Contractor shall use its best efforts to give Indian organizations and Indian-owned economic enterprises ([25 U.S.C. 1544](#)) the maximum practicable opportunity to participate in the subcontracts it awards to the fullest extent consistent with efficient performance of its contract.

(1) The Contracting Officer and the Contractor, acting in good faith, may rely on the representation of an Indian organization or Indian-owned economic enterprise as to its eligibility, unless an interested party challenges its status or the Contracting Officer has independent reason to question that status. In the event of a challenge to the representation of a subcontractor, the Contracting Officer will refer the matter to the—

U.S. Department of the Interior
Bureau of Indian Affairs (BIA)
Attn: Chief, Division of Contracting and Grants
Administration
1849 C Street, NW,
MS-2626-MIB
Washington, DC 20240-4000.

The BIA will determine the eligibility and notify the Contracting Officer. No incentive payment will be made within 50 working days of subcontract award or while a challenge is pending. If a subcontractor is determined to be an ineligible participant, no incentive payment will be made under the Indian Incentive Program.

(2) The Contractor may request an adjustment under the Indian Incentive Program to the following:

- (i) The estimated cost of a cost-type contract.
- (ii) The target cost of a cost-plus-incentive-fee prime contract.
- (iii) The target cost and ceiling price of a fixed-price incentive prime contract.
- (iv) The price of a firm-fixed-price prime contract.

(3) The amount of the adjustment to the prime contract is 5 percent of the estimated cost, target cost, or firm-fixed-price included in the subcontract initially awarded to the Indian organization or Indian-owned economic enterprise.

(4) The Contractor has the burden of proving the amount claimed and must assert its request for an adjustment prior to completion of contract performance.

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(c) The Contracting Officer, subject to the terms and conditions of the contract and the availability of funds, will authorize an incentive payment of 5 percent of the amount paid to the subcontractor. The Contracting Officer will seek funding in accordance with agency procedures.

52.232-22 Limitation of Funds (Apr 1984)

(a) The parties estimate that performance of this contract will not cost the Government more than (1) the estimated cost specified in the Schedule or, (2) if this is a cost-sharing contract, the Government's share of the estimated cost specified in the Schedule. The Contractor agrees to use its best efforts to perform the work specified in the Schedule and all obligations under this contract within the estimated cost, which, if this is a cost-sharing contract, includes both the Government's and the Contractor's share of the cost.

(b) The Schedule specifies the amount presently available for payment by the Government and allotted to this contract, the items covered, the Government's share of the cost if this is a cost-sharing contract, and the period of performance it is estimated the allotted amount will cover. The parties contemplate that the Government will allot additional funds incrementally to the contract up to the full estimated cost to the Government specified in the Schedule, exclusive of any fee. The Contractor agrees to perform, or have performed, work on the contract up to the point at which the total amount paid and payable by the Government under the contract approximates but does not exceed the total amount actually allotted by the Government to the contract.

(c) The Contractor shall notify the Contracting Officer in writing whenever it has reason to believe that the costs it expects to incur under this contract in the next 60 days, when added to all costs previously incurred, will exceed 75 percent of (1) the total amount so far allotted to the contract by the Government or, (2) if this is a cost-sharing contract, the amount then allotted to the contract by the Government plus the Contractor's corresponding share. The notice shall state the estimated amount of additional funds required to continue performance for the period specified in the Schedule.

(d) Sixty days before the end of the period specified in the Schedule, the Contractor shall notify the Contracting Officer in writing of the estimated amount of additional funds, if any, required to continue timely performance under the contract or for any further period specified in the Schedule or otherwise agreed upon, and when the funds will be required.

(e) If, after notification, additional funds are not allotted by the end of the period specified in the Schedule or another agreed-upon date, upon the Contractor's written request the Contracting Officer will terminate this contract on that date in accordance with the provisions of the Termination clause of this contract. If the Contractor estimates that the funds available will allow it to continue to discharge its obligations beyond that date, it may specify a later date in its request, and the Contracting Officer may terminate this contract on that later date.

(f) Except as required by other provisions of this contract, specifically citing and stated to be an exception to this clause—

(1) The Government is not obligated to reimburse the Contractor for costs incurred in excess of the total amount allotted by the Government to this contract; and

(2) The Contractor is not obligated to continue performance under this contract (including actions under the Termination clause of this contract) or otherwise incur costs in excess of—

(i) The amount then allotted to the contract by the Government or;

(ii) If this is a cost-sharing contract, the amount then allotted by the Government to the contract plus the Contractor's corresponding share, until the Contracting Officer notifies the Contractor in writing that the amount allotted by the Government has been increased and specifies an increased amount, which shall then constitute the total amount allotted by the Government to this contract.

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(g) The estimated cost shall be increased to the extent that (1) the amount allotted by the Government or, (2) if this is a cost-sharing contract, the amount then allotted by the Government to the contract plus the Contractor's corresponding share, exceeds the estimated cost specified in the Schedule. If this is a cost-sharing contract, the increase shall be allocated in accordance with the formula specified in the Schedule.

(h) No notice, communication, or representation in any form other than that specified in paragraph (f)(2) of this clause, or from any person other than the Contracting Officer, shall affect the amount allotted by the Government to this contract. In the absence of the specified notice, the Government is not obligated to reimburse the Contractor for any costs in excess of the total amount allotted by the Government to this contract, whether incurred during the course of the contract or as a result of termination.

(i) When and to the extent that the amount allotted by the Government to the contract is increased, any costs the Contractor incurs before the increase that are in excess of—

(1) The amount previously allotted by the Government or;

(2) If this is a cost-sharing contract, the amount previously allotted by the Government to the contract plus the Contractor's corresponding share, shall be allowable to the same extent as if incurred afterward, unless the Contracting Officer issues a termination or other notice and directs that the increase is solely to cover termination or other specified expenses.

(j) Change orders shall not be considered an authorization to exceed the amount allotted by the Government specified in the Schedule, unless they contain a statement increasing the amount allotted.

(k) Nothing in this clause shall affect the right of the Government to terminate this contract. If this contract is terminated, the Government and the Contractor shall negotiate an equitable distribution of all property produced or purchased under the contract, based upon the share of costs incurred by each.

(l) If the Government does not allot sufficient funds to allow completion of the work, the Contractor is entitled to a percentage of the fee specified in the Schedule equalling the percentage of completion of the work contemplated by this contract.

252.227-7025 LIMITATIONS ON THE USE OR DISCLOSURE OF GOVERNMENT-FURNISHED INFORMATION MARKED WITH RESTRICTIVE LEGENDS (JUN 1995)

(a)(1) For contracts requiring the delivery of technical data, the terms "limited rights" and "Government purpose rights" are defined in the Rights in Technical Data--Noncommercial Items clause of this contract.

(2) For contracts that do not require the delivery of technical data, the terms "government purpose rights" and "restricted rights" are defined in the Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation clause of this contract.

(3) For Small Business Innovative Research program contracts, the terms "limited rights" and "restricted rights" are defined in the Rights in Noncommercial Technical Data and Computer Software--Small Business Innovative Research (SBIR) Program clause of this contract.

(b) Technical data or computer software provided to the Contractor as Government furnished information (GFI) under this contract may be subject to restrictions on use, modification, reproduction, release, performance, display, or further disclosure.

(1) GFI marked with limited or restricted rights legends. The Contractor shall use, modify, reproduce, perform, or display technical data received from the Government with limited rights legends or computer software received with restricted rights legends only in the performance of this contract. The Contractor shall not, without the express written permission of the party whose name appears in the legend, release or disclose such data or software to any person.

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(2) GFI marked with government purpose rights legends. The Contractor shall use technical data or computer software received from the Government with government purpose rights legends for government purposes only. The Contractor shall not, without the express written permission of the party whose name appears in the restrictive legend, use, modify, reproduce, release, perform, or display such data or software for any commercial purpose or disclose such data or software to a person other than its subcontractors, suppliers, or prospective subcontractors or suppliers, who require the data or software to submit offers for, or perform, contracts under this contract. Prior to disclosing the data or software, the Contractor shall require the persons to whom disclosure will be made to complete and sign the non-disclosure agreement at 227.7103-7 of the Defense Federal Acquisition Regulation Supplement (DFARS).

(3) GFI marked with specially negotiated license rights legends. The Contractor shall use, modify, reproduce, release, perform, or display technical data or computer software received from the Government with specially negotiated license legends only as permitted in the license. Such data or software may not be released or disclosed to other persons unless permitted by the license and, prior to release or disclosure, the intended recipient has completed the non-disclosure agreement at DFARS 227.7103-7. The Contractor shall modify paragraph (1)(c) of the non-disclosure agreement to reflect the recipient's obligations regarding use, modification, reproduction, release, performance, display, and disclosure of the data or software.

(c) Indemnification and creation of third party beneficiary rights. The Contractor agrees--

(1) To indemnify and hold harmless the Government, its agents, and employees from every claim or liability, including attorneys fees, court costs, and expenses, arising out of, or in any way related to, the misuse or unauthorized modification, reproduction, release, performance, display, or disclosure of technical data or computer software received from the Government with restrictive legends by the Contractor or any person to whom the Contractor has released or disclosed such data or software; and

(2) That the party whose name appears on the restrictive legend, in addition to any other rights it may have, is a third party beneficiary who has the right of direct action against the Contractor, or any person to whom the Contractor has released or disclosed such data or software, for the unauthorized duplication, release, or disclosure of technical data or computer software subject to restrictive legends.

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 Station, Patuxent River, MD**. Entrance is authorized by this contract as a result of tasks associated with performance of the Section C - Statement of Work only. Initial information shall be provided as each individual is assigned to this contract by using the Contractor Base Access Request 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 **Edward Chow, PMA 280, Bldg 2272, Patuxent River, MD 20670**. All losses are to have the permanent badges returned to the **Program Executive Office, Bldg 2272, Patuxent River, MD 20670** on the last day of the individual's task requirement.

5252.204-9504 DISCLOSURE OF CONTRACT INFORMATION (NAVAIR) (JAN 2007)

(a) The Contractor shall not release to anyone outside the Contractor's organization any unclassified information (e.g., announcement of contract award), regardless of medium (e.g., film, tape, document), pertaining to any part of this contract or any program related to this contract, unless the Contracting Officer has given prior written approval.

(b) Requests for approval shall identify the specific information to be released, the medium to be used, and the

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purpose for the release. The Contractor shall submit its request to the Contracting Officer at least ten (10) days before the proposed date for release.

(c) The Contractor agrees to include a similar requirement in each subcontract under this contract. Subcontractors shall submit requests for authorization to release through the prime contractor to the Contracting Officer.

52.232-40 - Providing Accelerated Payments to Small Business Subcontractors (Dec 2013)

(a) Upon receipt of accelerated payments from the Government, the Contractor shall make accelerated payments to its small business subcontractors under this contract, to the maximum extent practicable and prior to when such payment is otherwise required under the applicable contract or subcontract, after receipt of a proper invoice and all other required documentation from the small business subcontractor.

(b) The acceleration of payments under this clause does not provide any new rights under the Prompt Payment Act.

(c) Include the substance of this clause, including this paragraph (c), in all subcontracts with small business concerns, including subcontracts with small business concerns for the acquisition of commercial items.

(End of clause)

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SECTION J LIST OF ATTACHMENTS

A. Exhibit A Contract Data Requirements List (DD 1423)

B. Revised QASP

C. Final DD 254

D. Contractor Base Access Request Form

E. DD254 for Subcontractors

F. COR Appointment Letter

G. DD254 Revised

H. DD254s dtd 27 Jan 2011

I. DD254 Security Classification Specification WBB

J. DD254 Security Classification Specification VSE

K. DD254 Security Classification Specification revised VSE

L. DD254 Security Classification Specification Alion

M. Mitigation Plan

N. COR Appointment Letter