

2. AMENDMENT/MODIFICATION NO. 27	3. EFFECTIVE DATE 02-Aug-2017	4. REQUISITION/PURCHASE REQ. NO. Various	5. PROJECT NO. (If applicable) N/A
6. ISSUED BY CODE	N64498	7. ADMINISTERED BY (If other than Item 6) CODE	S3915A

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Philadelphia PA 19112-1403  
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700 ROBBINS AVENUE, BLDG. 4-A, P.O.  
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SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) McKean Defense Group, LLC 1 Crescent Drive, Suite 400 Philadelphia PA 19112-1015	9A. AMENDMENT OF SOLICITATION NO.  9B. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4078-EHQ6 10B. DATED (SEE ITEM 13) 15-Sep-2016
CAGE CODE OPT02      FACILITY CODE	[X]

**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).
[ ]	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
[X]	D. OTHER (Specify type of modification and authority) IAW 52.232-22 Limitation of Funds

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

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marianne T Campbell, Contracting Officer
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED 02-Aug-2017
(Signature of person authorized to sign)	BY /s/Marianne T Campbell (Signature of Contracting Officer)

## GENERAL INFORMATION

The purpose of this modification is to provide incremental funding in the amount of [REDACTED]. As a result the total amount of funding obligated and available for payment under this order is [REDACTED]. It is estimated that the funding under TIs 31-REV01, 77-REV01, 71-REV04 and 87 will cover the period of performance through 21 February 2018. In accordance with contract clause 52.232-22 the government is not obligated to reimburse the contractor for any costs incurred in excess of [REDACTED] unless funds are made available and obligated under this order in a subsequent modification. A conformed copy of this Task Order is attached to this modification for informational purposes only. All other terms and conditions remain unchanged.

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby increased from [REDACTED] by [REDACTED] to [REDACTED]

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
7162	RDT&E	[REDACTED]	[REDACTED]	[REDACTED]
7163	Fund Type - OTHER	[REDACTED]	[REDACTED]	[REDACTED]
7164	O&MN,N	[REDACTED]	[REDACTED]	[REDACTED]
7165	O&MN,N	[REDACTED]	[REDACTED]	[REDACTED]
7166	O&MN,N	[REDACTED]	[REDACTED]	[REDACTED]
9134	RDT&E	[REDACTED]	[REDACTED]	[REDACTED]
9135	O&MN,N	[REDACTED]	[REDACTED]	[REDACTED]
9136	O&MN,N	[REDACTED]	[REDACTED]	[REDACTED]

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

CLIN/SLIN	From (\$)	By (\$)	To (\$)
7100	[REDACTED]	[REDACTED]	[REDACTED]
7162	[REDACTED]	[REDACTED]	[REDACTED]
7163	[REDACTED]	[REDACTED]	[REDACTED]
7164	[REDACTED]	[REDACTED]	[REDACTED]
7165	[REDACTED]	[REDACTED]	[REDACTED]
7166	[REDACTED]	[REDACTED]	[REDACTED]
9100	[REDACTED]	[REDACTED]	[REDACTED]
9134	[REDACTED]	[REDACTED]	[REDACTED]
9135	[REDACTED]	[REDACTED]	[REDACTED]
9136	[REDACTED]	[REDACTED]	[REDACTED]

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

CLIN/SLIN	From	To
7162		8/2/2017 - 2/21/2018
7163		8/2/2017 - 9/14/2017
7164		8/2/2017 - 2/21/2018
7165		8/2/2017 - 2/21/2018
7166		8/2/2017 - 2/21/2018
9134		8/2/2017 - 2/21/2018
9135		8/2/2017 - 2/21/2018
9136		8/2/2017 - 2/21/2018

Section G clause entitled "SEA 5252.232-9104 ALLOTTMENT OF FUNDS (MAY 1993)" has been revised to read as follows:

Estimated Items Allotted to Cost Allotted to Fee

7162-7166	██████████	██████████
9134-9136	██████████	

The Accounting and Appropriations Data added to Section G is as follows:

MOD 27

7162 130060891800004 ██████████  
 LLA :  
 FQ 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003717608  
 Incremental funding for Labor in the amount of ██████████ under TI-31 REV 01

7163 130064101200002 ██████████  
 LLA :  
 FR 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003978291  
 Incremental funding for labor in the amount of ██████████ under TI-77  
 REV01

7164 130065874300001 ██████████  
 LLA :  
 FS 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00004097054  
 Incremental funding for labor in the amount of ██████████ under TI-71 REV04.  
 2410a Authority is hereby Invoked.

7165 130066071800001 ██████████  
 LLA :  
 FT 1771804 70BE 257 57025 R 068688 2D CA2502 5702572502AP  
 Standard Number: N5702517RCA2502  
 Incremental funding for labor in the amount of ██████████ under TI-87. 2410a Authority is hereby Invoked.

7166 130066071500001 ██████████  
 LLA :

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FU 1771804 60BA 257 00060 R 068732 2D C3BFWC 231707E1BR4P

Standard Number: N0006017RC3BFWC

Incremental funding for labor in the amount of [REDACTED] under TI-87. 2410a Authority is hereby Invoked.

9134 130060891800005 [REDACTED]

LLA :

FQ 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003717608

Incremental funding for support in the amount of [REDACTED] under TI-31 REV01.

9135 130066071800002 [REDACTED]

LLA :

FT 1771804 70BE 257 57025 R 068688 2D CA2502 5702572502AP

Standard Number: N5702517RCA2502

Incremental funding for Support in the amount of [REDACTED] under TI-87. 2410a Authority is hereby Invoked.

9136 130066071500002 [REDACTED]

LLA :

FU 1771804 60BA 257 00060 R 068732 2D C3BFWC 231707E1BR4P

Standard Number: N0006017RC3BFWC

Incremental funding for support in the amount of [REDACTED] under TI-87. 2410a Authority is hereby Invoked.

MOD 27 Funding [REDACTED]

Cumulative Funding [REDACTED]

## 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
7000	R425	Services in support of engineering, technical, programmatic, logistical, maintenance, installation/alterations, Life Cycle Management, and systems support for Hull, Mechanical, and Engineering (HM&E) systems in accordance with the Statement of Work. Base Period is from date of award to 12 Months after date of award. (Fund Type - TBD)		LO			
7001	R425	INCREMENTAL FUNDING (RDT&E)		LO			
7002	R425	INCREMENTAL FUNDING (SCN)		LO			
7003	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7004	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7005	R425	INCREMENTAL FUNDING (SCN)		LO			
7006	R425	INCREMENTAL FUNDING (SCN)		LO			
7007	R425	INCREMENTAL FUNDING (SCN)		LO			
7008	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7009	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7010	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7011	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7012	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7013	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7014	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7015	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7016	R425	INCREMENTAL FUNDING (SCN)		LO			
7017	R425	INCREMENTAL FUNDING (WCF)		LO			
7018	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7019	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7020	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7021	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7022	R425	INCREMENTAL FUNDING (O&MN,N)		LO			
7023	R425	INCREMENTAL FUNDING (O&MN,N)		LO			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7024	R425	INCREMENTAL FUNDING (SCN)	█	LO	█	█	█
7025	R425	INCREMENTAL FUNDING (SCN)	█	LO	█	█	█
7026	R425	INCREMENTAL FUNDING (O&MN,N)	█	LO	█	█	█
7027	R425	INCREMENTAL FUNDING (O&MN,N)	█	LO	█	█	█
7028	R425	INCREMENTAL FUNDING (O&MN,N)	█	LO	█	█	█
7029	R425	INCREMENTAL FUNDING (O&MN,N)	█	LO	█	█	█
7030	R425	INCREMENTAL FUNDING (OPN)	█	LO	█	█	█
7031	R425	INCREMENTAL FUNDING (Fund Type - OTHER)	█	LO	█	█	█
7032	R425	INCREMENTAL FUNDING (O&MN,N)	█	LO	█	█	█
7033	R425	INCREMENTAL FUNDING (Fund Type - OTHER)	█	LO	█	█	█
7034	R425	INCREMENTAL FUNDING (Fund Type - OTHER)	█	LO	█	█	█
7035	R425	INCREMENTAL FUNDING (RDT&E)	█	LO	█	█	█
7036	R425	INCREMENTAL FUNDING (O&MN,N)	█	LO	█	█	█
7037	R425	INCREMENTAL FUNDING (O&MN,N)	█	LO	█	█	█
7038	R425	INCREMENTAL FUNDING (OPN)	█	LO	█	█	█
7039	R425	INCREMENTAL FUNDING (OPN)	█	LO	█	█	█
7040	R425	INCREMENTAL FUNDING (OPN)	█	LO	█	█	█
7041	R425	INCREMENTAL FUNDING (OPN)	█	LO	█	█	█
7042	R425	Associated with TI 24 (OPN)	█	EA	█	█	█
7043	R425	Associated with TI-14 Rev 1 (OPN)	█	EA	█	█	█
7044	R425	Associated TI 25 (SCN)	█	EA	█	█	█
7045	R425	Associated TI 14 Rev 1 (OPN)	█	EA	█	█	█
7046	R425	Associated TI-14 REV 1 (OPN)	█	EA	█	█	█
7047	R425	TI-14 REV 1 (OPN)	█	EA	█	█	█
7048	R425	TI-14 Rev 1 (OPN)	█	EA	█	█	█
7049	R425	TI-14 Rev 1 (OPN)	█	EA	█	█	█
7050	R425	TI-27 (OPN)	█	EA	█	█	█
7051	R425	TI-26 (OPN)	█	EA	█	█	█
7052	R425	TI-29 (RDT&E)	█	EA	█	█	█
7053	R425	TI-26 (OPN)	█	EA	█	█	█
7054	R425	TI-31 (RDT&E)	█	EA	█	█	█
7055	R425	TI-32 (OPN)	█	EA	█	█	█
7056	R425	TI-41 (RDT&E)	█	EA	█	█	█
7057	R425	TI-39 (SCN)	█	EA	█	█	█

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7058	R425	TI-40 (SCN)	█	EA	█	█	█
7059	R425	TI-42 (WCF)	█	EA	█	█	█
7060	R425	TI-33 (RDT&E)	█	EA	█	█	█
7061	R425	TI-30 (RDT&E)	█	EA	█	█	█
7062	R425	TI-32 (OPN)	█	EA	█	█	█
7063	R425	TI-34 (SCN)	█	EA	█	█	█
7064	R425	TI-35 (O&MN,N)	█	EA	█	█	█
7065	R425	TI-36 (SCN)	█	EA	█	█	█
7066	R425	TI-37 (SCN)	█	EA	█	█	█
7067	R425	TI-38 (SCN)	█	EA	█	█	█
7068	R425	TI-38 (SCN)	█	EA	█	█	█
7069	R425	TI-43 (OPN)	█	EA	█	█	█
7070	R425	TI-45 (RDT&E)	█	EA	█	█	█
7071	R425	TI-14 (OPN)	█	EA	█	█	█
7072	R425	TI-14 (OPN)	█	EA	█	█	█
7073	R425	TI-54 (OPN)	█	EA	█	█	█
7074	R425	TI-53 (O&MN,N)	█	EA	█	█	█
7075	R425	TI-52 (SCN)	█	EA	█	█	█
7076	R425	TI-51 (SCN)	█	EA	█	█	█
7077	R425	TI-50 (RDT&E)	█	EA	█	█	█
7078	R425	TI-49 (O&MN,N)	█	EA	█	█	█
7079	R425	TI-47 (OPN)	█	EA	█	█	█
7080	R425	TI-46 (O&MN,N)	█	EA	█	█	█
7081	R425	TI-44 (RDT&E)	█	EA	█	█	█
7082	R425	TI-14 (OPN)	█	EA	█	█	█
7083	R425	TI-14 (OPN)	█	EA	█	█	█
7084	R425	TI-48 (O&MN,N)	█	EA	█	█	█
7085	R425	TI-48 (O&MN,N)	█	EA	█	█	█
7086	R425	TI-14 (OPN)	█	EA	█	█	█
7087	R425	TI-14 REV #4 (OPN)	█	EA	█	█	█
7088	R425	TI-53 REV 1 (O&MN,N)	█	EA	█	█	█
7089	R425	TI-53 REV 1 (O&MN,N)	█	EA	█	█	█
7090	R425	TI-55 (RDT&E)	█	EA	█	█	█
7091	R425	TI-56 (O&MN,N)	█	EA	█	█	█

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7092	R425	TI-57 (SCN)	█	EA	█	█	█
7093	R425	TI-58 (SCN)	█	EA	█	█	█
7094	R425	TI-14 Rev-5 (OPN)	█	EA	█	█	█
7095	R425	TI-14 Rev 5 (OPN)	█	EA	█	█	█
7100	R425	Services in support of engineering, technical, programmatic, logistical, maintenance, installation/alterations, Life Cycle Management, and systems support for Hull, Mechanical, and Engineering (HM&E) systems in accordance with the Statement of Work. Option 1 Period is from 13 Months after date of award to 24 months after date of award. (Fund Type - TBD)	█	LO	█	█	█
7101	R425	TI-14 Rev 5 (OPN)	█	EA	█	█	█
7102	R425	TI-14 REV 5 (OPN)	█	EA	█	█	█
7103	R425	TI-58 REV 1 (SCN)	█	EA	█	█	█
7104	R425	TI-59 (RDT&E)	█	EA	█	█	█
7105	R425	TI-29 REV 1 (RDT&E)	█	EA	█	█	█
7106	R425	TI-60 (O&MN,N)	█	EA	█	█	█
7107	R425	Funding for Labor (OPN)	█	LO	█	█	█
7108	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7109	R425	Funding for Labor (OPN)	█	LO	█	█	█
7110	R425	Funding for Labor (RDT&E)	█	LO	█	█	█
7111	R425	Funding for Labor (Fund Type - OTHER)	█	LO	█	█	█
7112	R425	Funding for Labor (Fund Type - OTHER)	█	LO	█	█	█
7113	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7114	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7115	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7116	R425	Funding for Labor. (O&MN,N)	█	LO	█	█	█
7117	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7118	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7119	R425	Funding for Labor (OPN)	█	LO	█	█	█
7120	R425	Funding for Labor (SCN)	█	LO	█	█	█
7121	R425	Funding for Labor (RDT&E)	█	LO	█	█	█
7122	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7123	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7124	R425	Funding for Labor (OPN)	█	LO	█	█	█



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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7125	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7126	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7127	R425	Funding for Labor (Fund Type - OTHER)	█	LO	█	█	█
7128	R425	Funding For Labor (O&MN,N)	█	LO	█	█	█
7129	R425	Funding for Labor (RDT&E)	█	LO	█	█	█
7130	R425	Funding for Labor (RDT&E)	█	LO	█	█	█
7131	R425	Funding for Labor (Fund Type - OTHER)	█	LO	█	█	█
7132	R425	Funding for Labor (OPN)	█	LO	█	█	█
7133	R425	Funding for Labor (SCN)	█	LO	█	█	█
7134	R425	Funding for Labor (OPN)	█	LO	█	█	█
7135	R425	Funding for Labor (O&MN,N)	█	LO	█	█	█
7136	R425	Funding for Labor (Fund Type - OTHER)	█	LO	█	█	█
7137	R425	Funding for Labor (Fund Type - OTHER)	█	LO	█	█	█
7138	R425	Funding for Labor (RDT&E)	█	LO	█	█	█
7139	R425	See TI-79. (O&MN,N)	█	LO	█	█	█
7140	R425	Funding for labor (Fund Type - OTHER)	█	LO	█	█	█
7141	R425	Funding for labor (Fund Type - OTHER)	█	LO	█	█	█
7142	R425	See TI-71 REV01 (RDT&E)	█	LO	█	█	█
7143	R425	See TI-05 REV03. (O&MN,N)	█	LO	█	█	█
7144	R425	See TI-78 (SCN)	█	LO	█	█	█
7145	R425	Funding for Labor (SCN)	█	LO	█	█	█
7146	R425	See TI-55 REV01. 2410(A) authority is hereby invoked. (O&MN,N)	█	LO	█	█	█
7147	R425	See TI-65 REV 03 (OPN)	█	LO	█	█	█
7148	R425	SEE TI-65 REV03 (OPN)	█	LO	█	█	█
7149	R425	See TI-81. (RDT&E)	█	LO	█	█	█
7150	R425	See TI-63 REV01 (OPN)	█	LO	█	█	█
7151	R425	See TI-49 REV02 2410(a) Authority is hereby invoked. (O&MN,N)	█	LO	█	█	█
7152	R425	See TI-71 REV02 (O&MN,N)	█	LO	█	█	█
7153	R425	See TI-47 REV02 (O&MN,N)	█	LO	█	█	█
7154	R425	See TI-80 (OPN)	█	LO	█	█	█
7155	R425	See TI-05 REV04 (O&MN,N)	█	LO	█	█	█
7156	R425	See TI-60 REV03 (O&MN,N)	█	LO	█	█	█
7157	R425	See TI-73 REV01 (RDT&E)	█	LO	█	█	█

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7158	R425	See TI-71 REV03. (O&MN,N)	█	LO	█	█	█
7159	R425	See TI-59 REV02 (O&MN,N)	█	LO	█	█	█
7160	R425	See TI-70 REV01 (O&MN,N)	█	LO	█	█	█
7161	R425	See TI-84 (SCN)	█	LO	█	█	█
7162	R425	Incremental Funding for Labor in the amount of █ under TI-31 REV01 (RDT&E)	█	LO	█	█	█
7163	R425	Incremental Funding for labor in the amount of █ under TI-77 REV01 (Fund Type - OTHER)	█	LO	█	█	█
7164	R425	Incremental funding for labor in the amount of █ under TI-71 REV04 (O&MN,N)	█	LO	█	█	█
7165	R425	Incremental funding for labor in the amount of █ under TI-87 (O&MN,N)	█	LO	█	█	█
7166	R425	Incremental funding for labor in the amount of █ under TI-87 (O&MN,N)	█	LO	█	█	█
7200	R425	Services in support of engineering, technical, programmatic, logistical, maintenance, installation/alterations, Life Cycle Management, and systems support for Hull, Mechanical, and Engineering (HM&E) systems in accordance with the Statement of Work. Option 2 Period is from 25 months after date of award to 36 Months after date of award. (Fund Type - TBD)	█	LO	█	█	█
		Option					
7300	R425	Services in support of engineering, technical, programmatic, logistical, maintenance, installation/alterations, Life Cycle Management, and systems support for Hull, Mechanical, and Engineering (HM&E) systems in accordance with the Statement of Work. Option 3 Period is from 37 months after date of award to 48 Months after date of award. (Fund Type - TBD)	█	LO	█	█	█
		Option					
7400	R425	Services in support of engineering, technical, programmatic, logistical, maintenance, installation/alterations, Life Cycle Management, and systems support for Hull, Mechanical, and Engineering (HM&E) systems in accordance with the Statement of Work. Option 4 Period is from 49 months after	█	LO	█	█	█

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

date of award to 60 Months after date of award. (Fund Type - TBD)

Option

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9000	R425	Support Costs for CLIN 7000, NTE [REDACTED] for Travel, Other Direct Costs and Materials during the Base Period from date of award through 12 months after date of award. (Fund Type - TBD)	[REDACTED]	LO	[REDACTED]
9001	R425	INCREMENTAL FUNDING (RDT&E)	[REDACTED]	LO	[REDACTED]
9002	R425	INCREMENTAL FUNDING (SCN)	[REDACTED]	LO	[REDACTED]
9003	R425	INCREMENTAL FUNDING (SCN)	[REDACTED]	LO	[REDACTED]
9004	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9005	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9006	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9007	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9008	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9009	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9010	R425	INCREMENTAL FUNDING (SCN)	[REDACTED]	LO	[REDACTED]
9011	R425	INCREMENTAL FUNDING (WCF)	[REDACTED]	LO	[REDACTED]
9012	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9013	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9014	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9015	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9016	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9017	R425	INCREMENTAL FUNDING (SCN)	[REDACTED]	LO	[REDACTED]
9018	R425	INCREMENTAL FUNDING (SCN)	[REDACTED]	LO	[REDACTED]
9019	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9020	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9021	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9022	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9023	R425	INCREMENTAL FUNDING (OPN)	[REDACTED]	LO	[REDACTED]
9024	R425	INCREMENTAL FUNDING (O&MN,N)	[REDACTED]	LO	[REDACTED]
9025	R425	INCREMENTAL FUNDING (Fund Type - OTHER)	[REDACTED]	LO	[REDACTED]
9026	R425	INCREMENTAL FUNDING (Fund Type - OTHER)	[REDACTED]	LO	[REDACTED]

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9027	R425	INCREMENTAL FUNDING (RDT&E)	█	LO	█
9028	R425	INCREMENTAL FUNDING (O&MN,N)	█	LO	█
9029	R425	INCREMENTAL FUNDING (O&MN,N)	█	LO	█
9030	R425	INCREMENTAL FUNDING (OPN)	█	LO	█
9031	R425	INCREMENTAL FUNDING (OPN)	█	LO	█
9032	R425	INCREMENTAL FUNDING (OPN)	█	LO	█
9033	R425	TI-24 (OPN)	█	LO	█
9034	R425	TI-25 (OPN)	█	LO	█
9035	R425	TI-27 (OPN)	█	LO	█
9036	R425	TI-26 (OPN)	█	LO	█
9037	R425	Ti-29 (RDT&E)	█	LO	█
9038	R425	TI-26 (OPN)	█	LO	█
9039	R425	TI-31 (RDT&E)	█	LO	█
9040	R425	TI-32 (OPN)	█	LO	█
9041	R425	TI-41 (RDT&E)	█	LO	█
9042	R425	TI-33 (RDT&E)	█	LO	█
9043	R425	TI-30 (RDT&E)	█	LO	█
9044	R425	TI-32 (OPN)	█	LO	█
9045	R425	TI-34 (SCN)	█	LO	█
9046	R425	TI-35 (O&MN,N)	█	LO	█
9047	R425	TI-37 (SCN)	█	LO	█
9048	R425	TI-38 (SCN)	█	LO	█
9049	R425	TI-45 (RDT&E)	█	LO	█
9050	R425	TI-14 (OPN)	█	LO	█
9051	R425	TI-14 Rev 2 (OPN)	█	LO	█
9052	R425	TI-54 (OPN)	█	LO	█
9053	R425	TI-53 (O&MN,N)	█	LO	█
9054	R425	TI-52 (SCN)	█	LO	█
9055	R425	TI-49 (O&MN,N)	█	LO	█
9056	R425	TI-14 (OPN)	█	LO	█
9057	R425	TI-14 REV #4 (OPN)	█	LO	█
9058	R425	TI-53 REV #1 (O&MN,N)	█	LO	█
9059	R425	TI-53 REV-01 (O&MN,N)	█	LO	█
9060	R425	TI-55 (RDT&E)	█	LO	█

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9061	R425	TI-56 (O&MN,N)	█	LO	█
9062	R425	TI-57 (SCN)	█	LO	█
9063	R425	TI-58 (SCN)	█	LO	█
9064	R425	TI-62 (O&MN,N)	█	LO	█
9100	R425	Support Costs for CLIN 7100, NTE █ for Travel, Other Direct Costs and Materials during the Option 1 Period from 13 months to 24 months after date of award. (Fund Type - TBD)	█	LO	█
9101	R425	TI-59 (RDT&E)	█	LO	█
9102	R425	TI-29 REV-1 (RDT&E)	█	LO	█
9103	R425	TI-60 (O&MN,N)	█	LO	█
9104	R425	Funding for ODCs (OPN)	█	LO	█
9105	R425	Funding for ODCs (O&MN,N)	█	LO	█
9106	R425	Funding for ODCs (Fund Type - OTHER)	█	LO	█
9107	R425	Funding for ODCs (O&MN,N)	█	LO	█
9108	R425	Funding for ODCs (O&MN,N)	█	LO	█
9109	R425	Funding for ODCs (O&MN,N)	█	LO	█
9110	R425	Funding for ODCs (O&MN,N)	█	LO	█
9111	R425	Funding for ODCs (OPN)	█	LO	█
9112	R425	Funding for ODCs (SCN)	█	LO	█
9113	R425	Funding for ODCs (RDT&E)	█	LO	█
9114	R425	Funding for ODCs (O&MN,N)	█	LO	█
9115	R425	Funding for ODCs (O&MN,N)	█	LO	█
9116	R425	Funding for ODCs (O&MN,N)	█	LO	█
9117	R425	Funding For ODCs (O&MN,N)	█	LO	█
9118	R425	Funding for ODCs (RDT&E)	█	LO	█
9119	R425	Funding for ODCs (OPN)	█	LO	█
9120	R425	Funding for ODCs (SCN)	█	LO	█
9121	R425	Funding for ODC (O&MN,N)	█	LO	█
9122	R425	Funding for ODCs (RDT&E)	█	LO	█
9123	R425	Funding for ODCs (O&MN,N)	█	LO	█
9124	R425	Funding for ODCs (Fund Type - OTHER)	█	LO	█
9125	R425	See TI-78 (SCN)	█	LO	█
9126	R425	See TI-83 (O&MN,N)	█	LO	█
9127	R425	SEE TI-65 REV03 (OPN)	█	LO	█
9128	R425	See TI-65 REV03 (OPN)	█	LO	█

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9129	R425	See TI-63 REV01 (OPN)	█	LO	█
9130	R425	See TI-80 (OPN)	█	LO	█
9131	R425	See TI-60 REV03 (O&MN,N)	█	LO	█
9132	R425	See TI-70 REV01. (O&MN,N)	█	LO	█
9133	R425	See TI-84. (SCN)	█	LO	█
9134	R425	Incremental funding for support in the amount of █ (RDT&E)	█	LO	█
9135	R425	Incremental funding for support in the amount of █ under TI-87. (O&MN,N)	█	LO	█
9136	R425	Incremental funding for support in the amount of █ under TI-87 (O&MN,N)	█	LO	█
9200	R425	Support Costs for CLIN 7200, NTE █ for travel, Other Direct Costs and Materials during the Option 2 Period from 25 months to 36 months after date of award. (Fund Type - TBD) Option	█	LO	█
9300	R425	Support Costs for CLIN 7300, NTE █ for Travel, Other Direct Costs and Materials during the Option 3 Period from 37 months to 48 months after date of award. (Fund Type - TBD) Option	█	LO	█
9400	R425	Support Costs for CLIN 7400, NTE █ for Travel, Other Direct Costs and Materials during the Option 4 Period from 49 months to 60 months after date of award. (Fund Type - TBD) Option	█	LO	█

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**LEVEL OF EFFORT**

The level of effort for the performance of this task order is based upon anticipated total estimated level of effort of [REDACTED] man-hours, of direct labor. The estimated composition of direct labor can be found in the chart below:

Labor Category	Base Year Hours	Option 1 Hours	Option 2 Hours	Option 3 Hours	Option 4 Hours	
Program Manager	1080	1080	1080	1080	1080	Key
Senior Program Analyst	4200	4200	4200	4200	4200	Key
Senior Program Analyst (OT)	273	273	273	273	273	Key
Systems Engineer	7000	7000	7000	7000	7000	Key
Systems Engineer (OT)	455	455	455	455	455	Key
Senior Engineer	8400	8400	8400	8400	8400	Key
Senior Engineer (OT)	546	546	546	546	546	Key
Senior Electrical Engineer	6500	6500	6500	6500	6500	Key
Senior Electrical Engineer (OT)	423	423	423	423	423	Key
Electrical Engineer	8400	8400	8400	8400	8400	
Electrical Engineer (OT)	546	546	546	546	546	
Engineer	40000	40000	40000	40000	40000	
Engineer (OT)	2600	2600	2600	2600	2600	
Senior Technician	10000	10000	10000	10000	10000	
Senior Technician (OT)	650	650	650	650	650	
Senior Engineering Technician	7000	7000	7000	7000	7000	
Senior Engineering Technician (OT)	455	455	455	455	455	
Training Development Specialist	7000	7000	7000	7000	7000	
Training Development Specialist (OT)	455	455	455	455	455	
Technician	6000	6000	6000	6000	6000	
Technician (OT)	390	390	390	390	390	
Logistician	4000	4000	4000	4000	4000	
Logistician (OT)	260	260	260	260	260	

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Analyst	8000	8000	8000	8000	8000	
Analyst (OT)	520	520	520	520	520	
Drafter	1000	1000	1000	1000	1000	
Drafter (OT)	65	65	65	65	65	
Data Manager	1200	1200	1200	1200	1200	
Data Manager (OT)	78	78	78	78	78	
PLC Manager	4500	4500	4500	4500	4500	
PLC Manager (OT)	293	293	293	293	293	
Designer	2500	2500	2500	2500	2500	
Designer (OT)	163	163	163	163	163	
						<b>GRAND TOTAL</b>
Total						

**PAYMENT OF FEE**

(a) The Government shall make payments to the Contractor, subject to and in accordance with the clause contained in the base IDIQ contract entitled "HQ B-2-0015 Payments of Fee (Level of Effort)"(NAVSEA)(MAY 1993). Such payments shall be equal to the allowable cost of each invoice submitted by the payable to the Contractor for pursuant to the clause of the base IDIQ entitled "Allowable Cost and Payment", FAR 52.216-7, Total fees paid to the Contractor for performance of work under this task order shall not exceed the fee amount set for in the task order.

(b) In the event of discontinuance of the work under this task order is in accordance with the clause of the IDIQ contract entitled "Limitation of Funds", FAR 52.232-22 or "Limitation of Cost", FAR 52.232-20, as applicable, the fee shall be equitably adjusted by mutual agreement to reflect the diminution of work. If the adjusted fee is less than the sum of all fee payments made to the contractor under this task order, the Contractor shall repay the excess amount to the Government. If the adjusted fee exceeds all payments made to the Contractor under this task order, the Government shall be required to pay the Contractor any amount in excess of the funds obligated.

Note: **Pass Through Rate** - If fee is included in the pass through rate for subcontractor labor costs, the prime contractor is requested to identify what percentage of the pass through costs is considered fee in their cost proposal. As identified in their cost proposal and agreed to by the Government, the pass through rate for subcontractor labor costs on this contract is [REDACTED]. Therefore, the maximum labor pass through rate (which includes any prime contractor fee applied to subcontractor labor costs) shall not exceed [REDACTED].



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## SECTION C DESCRIPTIONS AND SPECIFICATIONS

### 1.0 BACKGROUND

This statement of work establishes the level of effort required for providing services in support of Engineering, technical, programmatic, logistical, maintenance, installations/alterations, Life Cycle Management, and systems support for Hull, Mechanical and Engineering (HM&E) systems for the Naval Ship Systems Engineering Station, Naval Surface Warfare Center, Philadelphia Division (NAVSSSES).

### 2.0 SCOPE

The overall scope of this Statement of Work is to provide engineering, technical, programmatic, logistical, maintenance, installations/alterations, Life Cycle Management, and systems support for Hull, Mechanical and Engineering (HM&E) systems for the Naval Ship Systems Engineering Station, Naval Surface Warfare Center, Philadelphia Division (NAVSSSES). Tasks will include alterations support, equipment life cycle management, Ship Change Documents (SCDs), Ship Alterations (SHIPALTS), data collection and analysis, metrics, system design, development and testing support, engineering development models, system operability testing and logistic product development. Services will be rendered as required in Philadelphia, PA and ports on the East Coast, West Coast, and Outside the Continental United States (OCONUS).

### 3.0 REFERENCES

**\*Note: The latest versions of the instructions shown below are applicable.**

Work performed under this Task Order shall conform to the requirements set forward in the following references:

- a. DODI 5000.02 Operation of the Defense Acquisition System ([http://dtic.mil/whs/directives/corres/pdf/500002\\_interim.pdf](http://dtic.mil/whs/directives/corres/pdf/500002_interim.pdf))
- b. NAVSEA SL720-AA-MAN-030/TS9090-310F - Alterations to Ships Accomplished by Alteration Installation Teams (<http://www.google.com/url?sa=t&rct=j&q=&esrc=s&frm=1&source=web&cd=1&cad=rja&uact=8&ved=0CB4QFjAA&url=http%3A%2F%2Fwww.navsea.navy.mil%2Forganization%2FAlterationsToShips.pdf&ei=9cKJVOjCKsmJNq2AgpgC&usg=AFQjCNGx05z37E9J7iGu40xHt5FGDheCiA&bvm=bv.81456516,d.eXY>)
- c. Manuals, Technical: General Style and Format of (Work Package Concept) - MIL-STD-3001 ([http://quicksearch.dla.mil/qsDocDetails.aspx?ident\\_number=114691](http://quicksearch.dla.mil/qsDocDetails.aspx?ident_number=114691))
- d. Standard Practice for Manuals, Technical: General Style and Format - MIL-STD-38784(1), dated 1 Dec 2000 (<https://acc.dau.mil/adl/en-US/159776/file/29704/MILSTD%2038784.pdf>)
- e. Interactive Electronic Technical Manuals - MIL-PRF-87269D dated 30 Jan 2014, Data Base, Revisable ([http://quicksearch.dla.mil/qsDocDetails.aspx?ident\\_number=109242](http://quicksearch.dla.mil/qsDocDetails.aspx?ident_number=109242))
- f. Manuals, Technical: General Acquisition and Development Requirements - MIL-DTL-24784 ([http://quicksearch.dla.mil/qsDocDetails.aspx?ident\\_number=114691](http://quicksearch.dla.mil/qsDocDetails.aspx?ident_number=114691))

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- g. Guide for User Maintenance of NAVSEA Technical Manuals - S0005-AG-GYD-010  
(<https://mercury.tdmis.navy.mil> – CAC & TDMIS account required for weblink access. Document also available upon request.)
- h. Guide for Quality Assurance of NAVSEA Technical Manuals - S0005-AA-PRO-010  
(<https://mercury.tdmis.navy.mil> – CAC & TDMIS account required for weblink access. Document also available upon request.)
- i. NAVSSSES Instruction 4720.2F Process and Policy for Shipboard Industrial Work  
(<https://crbewebappdev.dt.navy.mil/intranet/instr/s4720-2f.pdf>)
- j. NAVSEA TM S6434-AR-MMM-010 Pressure Reducing Manifolds For High Pressure Air, Oxygen And Nitrogen Systems (<https://mercury.tdmis.navy.mil> – CAC & TDMIS account required for weblink access. Document also available upon request.)
- k. NAVSEA TM S6434-BE-MMA-010 High Pressure Gas Reducing Manifold (<https://mercury.tdmis.navy.mil> – CAC & TDMIS account required for weblink access. Document also available upon request.)
- l. NAVSEA S9AAO-AB-G0S-010, "General Specifications for Overhaul (GSO) of Surface Ships".  
(<https://mercury.tdmis.navy.mil> – CAC & TDMIS account required for weblink access. Document also available upon request.)
- m. NAVSEA 0948-LP-045-7010 Material Control Standard (Non-Nuclear)  
  
(Note: This document is Distribution B and can only be obtained by request through NAVSEA; POC Greg Sorrells, (202) 781-0910, [greg.sorrells@navy.mil](mailto:greg.sorrells@navy.mil))
- n. Joint Fleet Maintenance Manual Vol. V, Part III, Chapter 6 ([http://www.submepp.navy.mil/jfmm/documents/00\\_jfmm.pdf](http://www.submepp.navy.mil/jfmm/documents/00_jfmm.pdf))
- o. Standard DoD, DoN, NAVSEA, NAVSSSES, OSHA, & other task-specific regulations in effect during the performance of the task order.
- p. OPNAVINST N9210.3, Safeguarding of Naval Nuclear Propulsion Information (NNPI) of 7 Jun 2010

#### 4.0 PERFORMANCE REQUIREMENTS

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4.0.1 The Contractor shall provide engineering, technical, Program Management and logistics support for Hull, Mechanical and Engineering (HM&E) systems onboard U.S. Navy and other maritime vessels. The contractor shall be required to provide support to the Program Office and the Program Field Offices.

4.0.2 The following outlines Contractor requirements and will be supplemented by specific work statements in individual Technical Instructions. Technical Instructions will vary in the level and complexity of requirements, from the full scope of the technical services of this Statement of Work (SOW) to portions of the SOW only.

#### 4.1 ENGINEERING/TECHNICAL

4.1.1 Recommendations on the preliminary design, detail design and drawings including manufacturing and testing new components and systems such as High Pressure Air Compressors (HPACs), Low Pressure Air Compressors (LPACs), Weapons Systems High Pressure Air Compressors (WSHPACs), controllers, valves, and actuators.

4.1.2 Quality assurance reviews and pre and post installation ship checks to verify the accuracy of installation drawings, identify interferences, identify discrepancies between installation drawings and actual vessel configuration, and ensure correct equipment and logistic configuration for verification and technical accuracy review. Provide support for Ship Change Documents (SCD) Technical Assessment Team (TAT) reviews to ensure timely delivery of quality products to the Fleet. This includes initial ship checks to establish as built conditions, trip report packages containing existing details, and design considerations.

4.1.3 Provide support to the Enhanced Quality of Life (EQOL) for the NAVSSES habitability program including program management, engineering, and design support, for modification and renovation of spaces onboard CVNs. Develop and review engineering drawings for the installation of equipment and space modifications to accommodate them.

4.1.4 Project management, programmatic, engineering/technical support in support of U.S. Army watercraft programs including development of Deficiency Report responses, Engineering Change Proposals, Modification Work Orders, and Alterations. Provide market research and recommendations on obsolescence, engineering deficiency, and new capability to support technical concerns. Provide engineering support for Power Management Platform (PMP) systems for LSV Class Service Life Extension Program (SLEP).

4.1.5 Project management, programmatic, engineering/technical support, test procedure development, testing and onsite coordination for programs including Mid-Life modernization programs, Foreign Military Sales (FMS) programs, Machine Alterations (MACHALTs), and/or Source Control Documents (SCDs) in accordance with the drawings/instructions provided including interface with Program Manager (PMRs), Regional Maintenance Centers (RMCs), Port Engineers, Type Commanders (TYCOMs), Surface Orientation (SUFOR), Military Sealift Command (MSC), FMS, and Fleet components.

4.1.6 Provide Ship system configuration, testing, training, support, and assessments of HM&E systems aboard AS, CG, CVN, DDG, FFG, LCC, LCS, LHA, LHD, LPD, LSD, MCM, SSN, SSBN, SSGN and other U.S. Navy, U.S. Coast Guard, U.S. Army, and Foreign Military Sales ship and vessel classes. Access to restricted areas/spaces that contain restricted data may be required.

4.1.7 Design, development, modeling, and testing of Ship systems including Air Compressors, Integrated Low Pressure Electrolyzer (ILPE), Fire Main, Chilled Water, Tank Level Indicators, Fluid Control Systems, Machinery Control, and auxiliary systems, as well as other damage control systems.

4.1.8 Provide support for Ship system development and testing for integrated auxiliary systems. This includes review of technical documentation and distance support. **Documentation includes NAVSEA 05 specifications to determine if the document should be revised, inactivated, validated or cancelled. Prepare justification to EM and if warranted by EM, prepare PDS for document.**

4.1.9 Support for the Valve Hose Maintenance Program (VHMP) including technical support of Equipment Guide Lists (EGLs) and databases containing the results of the valve audits performed on ships, which will be incorporated into a VHMP.

4.1.10 Development and modification of procedures, including Mission Readiness Panel (MRP) support, test and check-out, and troubleshoot systems and equipment such as Air Compressors, Chillers, Refrigeration

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Equipment, Water Makers, Lube Oil Pumps, Fire Main Systems, Vertical Launch Systems, Jet Fuel Systems, Gas Management Systems, Ventilation Systems, Steam Systems, Ballast/Deballast Systems, Oxygen Generators and Carbon Dioxide (CO<sub>2</sub>) Capture and Removal Systems, & Auxiliary Ship systems.

4.1.11 Aviation Certification Systems support including assessment of Fuel Systems, Aqueous Film Forming Foam (AFFF), and Fire Main.

4.1.12 Identify, research, and analyze emerging technologies for current and future ship classes, with a focus towards inclusion of this technology in the current and future fleet.

4.1.13 Management and support of high visibility life cycle engineering concerns for the Navy Nuclear secondary propulsion systems including Warfighter Improvement Program (WIP) items, Steam Plan Action Requests (SPARs), Steam Plant Liaison Inquiries (SPLIs), and Logistics Assessment Reviews (LARs).

4.1.14 Technical analysis, inspection, and repair support for piping and valve systems on Maritime Administration (MARAD), Military Sealift Command (MSC), Propulsion Equipment and Boilers, Unfired Pressure Vessels (UPV), and Liquid Petroleum Gas (LPG) tanks, & Auxiliary Ship systems.

4.1.15 Ship system support for process control equipment including Fairmount Automation, Allen-Bradley, and Siemens, as well as other commercial PLCs. Provide system support to include: Air Compressors, Air Systems, Air Conditioning and Refrigeration Systems, Propulsion Boiler Controls, Ventilations Systems, Waste Heat Boiler Controls, Main Feed Pump Controls, Feedwater Controls, Feedwater/Seawater/Chilled Water Controls, Fuel Oil and Lube Oil controls, Smart Valves, and Radar Tank Level Indicator (TLI) controls, & Auxiliary Ship systems.

4.1.16 Participate in the design, development, or modification of new and existing Systems Engineering Processes (SEP), Capability Systems, Maturity Model Integrated (CMMI), and documentation as directly related to systems.

4.1.17 Perform reviews of certification documentation and Objective Quality Evidence (OQE) in preparation of certification letters for ship platforms including SSNs and SSBNs.

4.1.18 Provide engineering and technical support for the operation, maintenance, and design of Sacrificial Anodes and Impressed Current Cathodic Protection (ICCP) System aboard Submarines, Aircraft Carriers, and Surface Ships for in-service and new construction vessels. Identify the latest Cathodic Protection (CP) technologies. Review, develop, and/or update CP ship specifications and technical manuals.

4.1.19 Provide engineering technical support for the evaluation of new metals and alloys for U.S. Navy use and new applications of currently used materials. Perform metallurgical assessments of new metals and alloys for application onboard U.S. Navy, U.S. Coast Guard, U.S. Army, and Foreign Military vessels. Perform compatibility analysis of new materials or new applications on U.S. Navy, U.S. Coast Guard, U.S. Army, and Foreign Military vessels. Perform review of system designs incorporating new materials to identify potential problems with the use of new materials and develop mitigation measures.

4.1.20 Provide materials engineering program support in the areas of marine corrosion, materials engineering, electrochemistry, coatings, and environmental effects on U.S. Navy, U.S. Coast Guard, U.S. Army, and Foreign Military vessels, weapons systems, and related equipment. This effort includes but is not limited to: engineering development, technology demonstration, and evaluation of vessels, systems, and equipment at the fleet level; and analysis, compilation, database management, documentation, and presentation of relevant data to all stakeholders.

4.1.21 Conduct shipboard instrumentation electromagnetic, environmental, and other testing as specified by individual TI.

4.1.22 Perform engineering, logistics, and program management support for systems including Damage Control Equipment and Systems, Fire Protection Systems and Equipment, Damage and Fire Recoverability, non-aviation Chemical/Biological Defense (CBD) Individual Protective Equipment and Decontamination Systems and Equipment. Provide similar support for the Joint Project Manager for Individual Protection, including the Joint Service Mask Leakage Tester program, as well as future/improved filtration efforts.

4.1.23 Perform surveys onboard U.S. Navy, U.S. Coast Guard, U.S. Army, and Foreign Military vessels to include evaluation of shipboard water chemistry test equipment, maintenance procedures, and manning requirements.

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Identify Department of Defense (DOD) and Department of the Navy (DON) source documents for water chemistry test equipment, maintenance, crack and corrosion issues, and manning requirements. Develop assessment/evaluation protocol for shipboard assessments. Perform water chemistry surveys on selected U.S. Navy, U.S. Coast Guard, U.S. Army, and Foreign Military vessels.

4.1.24 Provide engineering drafting and 3D modeling graphics support including modeling for Boiler Combustion Monitoring Systems (BCMS), Valve Components, Steam Systems, Electrical Systems, Fluid Analysis, and Stress Analysis, & HM&E systems. Utilize Commercial Off The Shelf (COTS) tools to create mechanical drawings and 3D prints for installation and analysis purposes.

4.1.25 Provide engineering and technical support to various NAVSSES test sites, including the Submarine Life Test Site and the Chilled Water System Test Site, to include new lab layouts and design alternatives, equipment/system recommendations, and assistance with conducting testing for equipment/systems, recording data, and developing test reports.

4.1.26 Provide engineering support including conducting secondary reviews of SUBSAFE Design Reviews (SSDR) and review of design calculations for U.S. Navy submarine systems.

4.1.27 Provide engineering services to NSWCPD in support of various programs for systems such as fluid, air and propulsion systems design on nuclear submarines. OPNAVINST N9210.3 defines naval nuclear propulsion information (NNPI) and establishes the safeguarding policies and requirements for such information. Many of the fluid, air and propulsion systems under the cognizance of NSWCPD fall under the guidance of this instruction therefore the contractor may be required to have a clearance for and the ability to safeguard NNPI up to the confidential level. Encryption of Naval Nuclear Power Propulsion Information (NNPI) on Portable Electronic Media and Mobile Computing Devices may also be required in order to access NNPI websites, drawings, commitments/documents that are NOFORN.

## **4.2 MATERIAL INTEGRATED LOGISTICS SUPPORT AND TRAINING**

4.2.1 Procurement and appropriate storage and staging of all incidental equipment and supplies or associated special purpose tools and test equipment unless specifically included as Government Furnished Material (GFM).

4.2.2 Integrated Logistics Support (ILS) development and certification packages for MACHALTs, and/or SCDs in accordance with the associated drawings and instructions. This includes verification of alteration completion and update of Non- Destructive Evaluation (NDE).

4.2.3 Material specification information and logistics update to current CVN Authorized Equipment Listings (AELs) for Aviation Fueling hoses.

4.2.4 Document, manage and ensure revision to ILS technical and supply support documentation including Technical Manuals, Maintenance Request Cards (MRCs), and Maintenance Index Pages (MIPs) as identified during ship checks and other system verifications.

4.2.5. Overall material management processing from design concept, drawing development, installation and testing including inventory control, receipt, staging, kitting and post installation material disposition.

4.2.6 Provide required personnel to accomplish packing of materials, equipment, tools, and prefabricated parts for shipping to and from the installation site in accordance with all Department of Navy (DON)-approved and/or required regulations, to include DON Level 1 Material Control Processes & Procedures.

4.2.7 Provide support to include receiving, storing, issuing, and installing Level 1 systems, components, and materials in accordance with DON Mandated & Regulatory Level 1 Material Control Processes & Procedures.

4.2.8 Provide engineering and technical services in support of graphics modeling utilizing COTS tools. This will include: Onboard Training Systems; and Condition Assessment Systems. Provide support for system modeling and testing, as required.

4.2.9 Coordinate with SSES technical codes for resolution of all Class Maintenance Plan (CMP) tasks and

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assessment procedure Technical Feedback Reports (TFBRs).

4.2.10 Perform training for Front End Analysis (FEA), training gap analysis, and Job Duty Task Analysis (JDTA), to include management and development of system training curriculums and Training System Installation Plans (TSIPs).

4.2.11 Provide training support to sponsors for in-service and new acquisition ship systems/equipment to include coordination and documentation of Aircraft Carrier Training Planning Process Methodology (TRPPM) reports, Navy Training System Plans (NTSP), and curriculum development projects.

4.2.12 Provide fleet training support to include developing shipboard and classroom based training for Integrated Bridge and Navigation Systems such as Navigator training, Voyage Management System tutorials, and IBNS related advisory statements, & providing training schedules for classroom, shipboard, and underway training sessions.

4.2.13 Provide technical support for the remote monitoring of the operational health status on the ships by utilizing the real time data of Integrated Condition Assessment System (ICAS) and Machinery Control Systems as well as provide support for troubleshooting problems on the ship through analysis of the real time data.

4.2.14 Utilize COTS tools to provide data maintenance and content management support for Metrics and Program Management (MPM), as well as other program management systems and solutions, in accordance with all process guidance and business rules provided by the program management organization and as delineated in the individual TI. Provide user help desk support for MPM and other program management solutions and systems. Help desk support shall include process guidance, training on systems and requirements, and defect gathering and documentation.

### **4.3 PROGRAMMATIC SUPPORT**

4.3.1 Provide support for program activities to include milestone and issues tracking, document scanning, program review session scheduling, and status submittals.

4.3.2 Provide metrics support including dashboard and cockpit charts as well as other specialized financial reports in order to track expenditures, reconcile to CDB, and remedy cost overruns and labor rejects.

4.3.3 Prepare customized financial reports for site managers utilizing Enterprise Resource Planning (ERP), &/or data obtained from ERP, and shall perform cost and variance analysis to track productive and overhead spending as well as forecast future trends.

4.3.4 Utilize COTS tools to provide graphic design support and create visual solutions to communicate messages through print and electronic media including illustration, photography, and various print layout techniques to relay explanation of capabilities, knowledge areas, work areas, and major programs and efforts. This includes the purchasing of incidental graphic display and presentation materials as well as equipment.

4.3.5 Provide meeting, conference and training support including, organizing meetings, developing materials, participating on sub teams and training and completing action items. The Contractor shall generate and distribute meeting agendas, publish minutes, produce presentation materials, and follow up on action items.

4.3.6 Provide the necessary labor to support the scanning and remediation of printed and obsolete materials through the use of COTS tools.

4.3.7 Provide fleet support in coordination of logistical and obtainment support of long-lead time items to include support for Air Compressors, Chillers, Refrigeration Equipment, Water Makers, Lube Oil Pumps, Fire Main Systems, Vertical Launch Systems, Jet Fuel Systems, Gas Management Systems, Oxygen Generators and Carbon Dioxide (CO<sub>2</sub>) Capture and Removal Systems, and HM&E systems.

4.3.8 Develop, implement, and support management of team integration and document management.

4.3.9 Provide fleet training support including shipboard, shore side, and distance support.

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4.3.10 Provide assistance with the development and tracking of Plan of Action and Milestones (POAMs) for related programs and projects. Provide strategic planning and analysis of requirements to assist in developing a fully Integrated Master Schedule (IMS).

4.3.11 Assist with the design, development, maintenance and modification of formal technical presentations and documentation including, sponsor organizational charts, Travel Guidelines booklet, presentation material and Steam Plant and Reactor Plant Manuals, and HM&E systems.

4.3.12 Coordinate and support progress meetings including developing, updating and maintaining Earned Value Management (EVM) tracking and metrics including tracking project financial data, action items, installation status, and delays.

4.3.13 Identify inefficient and problematic areas related to system life cycle management and develop streamlined procedures and solutions to address the problems.

4.3.14 Participate in NAVSSES System Engineering Program (SEP) including attending meetings, completing action items, participating on sub teams, and participate in training and assessments.

4.3.15 Provide support for Systems Engineering Plan tools and processes.

4.3.16 Provide assistance with the improvement of processes and policies in support of cognizant site programs and strategic planning efforts including development of Risk Management Plans, requirements management design, Test and Integration Plans, hardware testing, Configuration Management Plans, Material Plans, and schedules for major programs including DDG Modernization and LSD Midlife Program.

4.3.17 Collect, review, and streamline status inputs from supporting In-Service Engineering Agents (ISEAs) for program report submittal.

4.3.18 Provide workflow support by providing system design to meet program requirements and improve security of existing applications. The support includes requirements documentation, project planning, resource requirements and scheduling, configuration management, and reengineering consultation to facilitate application consolidation, migration, and retirement.

4.3.19 Utilize COTS tools to provide support for Abode Acrobat PDF scanning, Acrobat PDF upload, document formatting, records listing, quality process organizational charts, and data management.

#### **4.4 OTHER SUPPORT**

4.4.1 Accomplishment of all engineering, technical and support services, incidental material, and service time required to support this task order **EXCLUDING THE PURCHASE OF IT HARDWARE AND EQUIPMENT.**

4.4.2 The contractor is required to identify a singular Technical Point of Contact (TPOC) assigned to manage all of the efforts identified herein upon task order award.

4.4.3 Purchase incidental materials as required to support installation and oversight to this task order.

4.4.4 Authorization for SECRET Internet Protocol Router Network (SIPRNet) is required for some portions of work outlined in Section 4.1, 4.2 and 4.3. SIPRNet allows access to SECRET information, email, and messages related to performing this work.

#### **INFORMATION ASSURANCE CONTRACTOR TRAINING AND CERTIFICATION**

The contractor shall ensure that personnel accessing information systems have the proper and current information assurance certification to perform information assurance functions in accordance with DoD 8570.01-M, Information Assurance Workforce Improvement Program. The Contractor shall meet the applicable information assurance certification requirements, including:

(1) DoD-approved information assurance workforce certifications appropriate for each category and level as listed in

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the current version of DoD 8570.01-M; and

(2) Appropriate operating system certification for information assurance technical positions as required by DoD 8570.01-M.

- a. Upon request by the Government, the Contractor shall provide documentation supporting the information assurance certification status of personnel performing information assurance functions.
- b. Contractor personnel who do not have proper and current certifications shall be denied access to DoD information systems for the purpose of performing information assurance functions.

## 5.0 REPORTS/DELIVERABLES

All reports shall be submitted in electronic format (Microsoft Word and PDF) and hard copy to the Contracting Officer's Representative (COR) and cognizant Program Manager.

The contractor shall provide the following deliverables associated with this tasking effort:

5.1 Performance and Incurred Cost Report: This report captures a summary of all costs incurred to date. This report shall be attached in Wide Area Workflow Receipts and Acceptance (WAWF-RA), & a copy of this report is to be emailed to the COR, **beginning 30 days after award and every 30 days thereafter**. (CDRL A001).

5.2 Trip Reports for all business related travel documenting the pre-installation checks, equipment removal and installation checks, post installation testing, and trip costs. The contractor must submit a travel report via the NSWCPD Metrics and Program Management (MPM) software application, or as specified in the Technical Instruction (TI). A copy of this report is to be emailed to the Technical Point of Contact listed on the TI and shall be submitted within fourteen (14) days from completion of travel. A separate copy of this report is to be reported to the COR as an attachment to the Monthly Status Report. (CDRL A002)

5.3 The contractor shall provide a Monthly Status Report, which shall briefly describe the work performed during each reporting period, together with significant results that were achieved. This report will:

- Describe any problems encountered and propose solutions for consideration for their resolution.
- Provide the current technical and financial status of each effort, & the overall financial status of all efforts on the task order, including the burn rate.
- Contain a brief outline of work envisioned/planned for the ensuing reporting period.
- Identify the number of man-hours expended by labor category during the reporting period (including a list of specific contractor personnel aligned to these labor categories)
- Identify man-hours expended to date and fiscal year, percent expended



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- Provide the miscellaneous support costs incurred during the reporting period and cumulatively, by TI, project, & cumulatively for the whole task order.

Any subcontractor technical progress and financial expenditures shall be reported separately, as attachments to the contractor's progress report.

Submission of this report shall be accomplished via electronic email to the Contracting Officer's Representative (COR) and the task order Subject Matter Expert (SME) (CDRLs A003, A004, A005).

5.4 The Contractor shall provide Cost/Schedule Status Reports to the TPOC/PM & COR for the Executive Steering Group (ESG) quarterly meetings.(CDRL A007)

5.5 The Contractor shall provide updated **Monthly** Contractor Work Breakdown Structure (WBS) metrics to the PM/TPOC & COR for specific projects/ programs. (CDRL A008)

5.6 The Contractor shall develop and deliver technical documentation including Life Cycle Management Plans, Integrated Process Plans, Master Plans, Roadmaps and schedules. (CDRLs A009, A010 & A011)

5.7 Technical reports, financial reports, and conclusions reflecting the work accomplished under each Technical Instruction set forth will be prepared and delivered to the Government as delineated in individual TIs.

5.8 The delivery date of the last of the above reports shall not be later than one month after the end date of the task order.

5.9 There may be a need for other specific reports, test plans, evaluation reports or documentation created as an integral part of tasking under this task order. Report format, contents and delivery requirements will be specified at the time of Technical Instruction issuance.

5.10 For each Technical Instruction issued, the contractor will provide a status report which will cite the status and utilization since the last report, the status regarding hours and dollars remaining on the task, percent of completion of the task, and any problems anticipated. The frequency of these reports shall be designated within the Technical Instruction, or in the absence of such designation, shall be provided monthly, for the duration of the TI, with a copy of each requested report being emailed to the COR, as per the timeline designated in the individual TI. (CDRL A016)

5.11 The Contractor shall provide one (1) hard copy of a final report covering work described in the Statement of Work (SOW) within fifteen (15) days of the end of the period of performance to the Contracting Officer's Representative (COR) and electronic email to the COR, Subject Matter Expert (SME), and Contracting Officer. (CDRL A012)

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5.12 Upon award, the Contractor shall provide a Contractor's Personnel Roster, which shall be used to list all contractor personnel assigned to the task order. This Roster shall be updated within one week of a change of personnel assigned to the task order, & a copy of this report shall be emailed to the TPOC & COR. (CDRL A013)

5.13 For each proposed TI, the Contractor shall submit a Manhour Estimate, Technical Cost Proposal, which shall describe the manpower and cost estimate to implement the Statement of Work tasking provided via individual TI. (CDRL A014)

5.14 Burn Rate Analysis Report: The Burn Rate Analysis Report is a summary report that captures the rate at which the money is expended. This report shall be attached in Wide Area Workflow Receipts and Acceptance (WAWF-RA) and a copy of this report is to be emailed to the COR **beginning 30 days after award and every 30 days thereafter**. A template of this report is provided as CDRL A015.

## **6.0 PERSONNEL QUALIFICATIONS/EXPERIENCE**

### **6.1 GENERAL REQUIREMENTS**

6.1.1 The contractor is responsible for completing all required government mandated training to maintain security and network access to government sites and IT systems.

6.1.2. The contractor shall be responsible for the employment of trained and technically qualified personnel to perform the tasks to be ordered hereunder by this statement of work. In addition, the contractor is responsible for organizational and administrative controls necessary to ensure that performance meets or exceeds all task order specification requirements and those set forth in the task order.

6.1.3. The government reserves the right, during the life of this task order, to request work histories on any contractor employee for purposes of verifying compliance with this requirement. Personnel assigned to or utilized by the contractor in the performance of this task order shall meet the experience, educational, or background requirements set forth herein and are fully capable of performing the functions of the respective labor categories in an efficient, reliable, and professional manner. If the contracting officer questions the qualifications or competence of any person performing under the task order, the burden of proof to sustain that the person is qualified as prescribed herein shall be upon the contractor.

6.1.4. All contractor personnel are required to comply with computer security requirements applicable to the Government's computer systems being used or accessed by them during the performance of this task order. When a decision is made known to a contractor employee that the employee will no longer need access to a Government computer system (due to dismissal, reassignment, or resignation), it is the responsibility of the contractor to immediately notify the Contracting Officer Representative (COR) in writing that the individual will not be permitted access to the computer system and its data files.

6.1.5 The appropriate level of clearance will be required in order to access specific compartments onboard ship in addition to government facilities.

6.1.6 When requested, the contractor shall provide resumes and similar work experience to document employee competencies.

6.1.7 In the event an individual proposed for performance under the resultant task order is not currently employed by the offeror, the offeror shall include with the listing, a letter of intent signed by that individual which states the individual's intent to accept employment with that offeror within thirty (30) days of task order award if the task order is awarded to the offeror.

6.1.8 The work history of each employee must contain experience directly related to the task and functions he/she intends to perform under this task order. The Government reserves the right, during the term of this task

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order, to request work histories on any contractor employee for purposes of verifying compliance with this requirement. If the contracting officer questions the qualifications or competence of any personnel performing under the task order, the burden of proof to sustain that the person is qualified as prescribed herein shall be upon the contractor.

## **6.2. KEY PERSONNEL**

6.2.1 The following labor categories are designated Key Personnel for this task order. Please note "accredited" herein means: Accredited by an accreditation agency listed as nationally recognized by the U.S. Department of Education. Substitution of key personnel shall be in accordance with the "Substitution of Key Personnel" Clause in the basic Seaport contract.

6.2.2 The following represents the Government's target education and technical experience for the Key Personnel labor categories required to support the Statement of Work tasking. The target specialized experience included as part of the desired qualification should have been obtained in the fields of endeavor indicated by the applicable labor categories listed below, and may have been gained concurrently unless otherwise specified. The target qualifications for the respective key labor categories are as follows (asterisks denote key personnel):

NOTE: Under Key Personnel, qualifications prefixed with "shall" are considered minimums.

### **a. PROGRAM MANAGER\* (1 Resume)**

**Education:** Individual should possess a Bachelor of Science (BS) degree in Finance or Business Administration or related field of study from an accredited College or University.

**Experience:** Experience should include the following: Eight (8) years of experience as a Program Manager supporting Navy technical programs including the development, repair, installation, modification, operation, testing and maintenance of Government systems. Eight (8) years of experience in scheduling (Microsoft Project), planning, estimating, project control, Work Breakdown Structure (WBS) management, subcontract management, project progress tracking, Capability Maturity Model Integration (CMMI) concepts, processes, procedures and Earned Value concepts. Knowledge of Navy programs, organizations, functions, and responsibilities. Working knowledge of the Naval Sea System Command, Naval Surface Warfare Center and Fleet organizations is desired. Experience may be gained concurrently. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

### **b. SENIOR PROGRAM ANALYST\* (3 Resumes)**

**Education:** Individual should possess Bachelor of Science (BS) or Bachelor of Arts (BA) degree from an accredited college or university.

**Experience:** Experience should include the following: Three (3) years' experience in providing high level graphics support, film and video, database creation and Management, financial and funding analysis, production of technical manuals and production books. Three (3) years of experience using advanced Microsoft Office skills including Access, Project, and Visio as well as high level graphics COTS tools such as Adobe Photoshop and Illustrator. Working knowledge of the Naval Sea System Command, Naval Surface Warfare Center and Fleet organizations is desired. Experience may be gained concurrently. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

### **c. SYSTEMS ENGINEER\* (4 Resumes)**

**Education:** Individual shall possess a BS Degree in Engineering from an accredited college or university.

**Experience:** Experience should include the following: Five (5) years of experience providing Integrated Product Team Lead for technical tasks involving the system(s) development. Managed all the activities including planning, scheduling and budgeting of the tasks for the system development; supporting the verification of program performance via testing and integration with subsystem engineers. Possesses experience in document management and coordination for quality assurance, control and planning. One (1) year of experience with Auxiliary fluid support systems. Working knowledge of the Naval Sea System Command, Naval Surface Warfare Center and Fleet organizations is desired. Experience may be gained concurrently. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

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d. **SENIOR ENGINEER\*** (5 Resumes)

**Education:** Individual shall possess a BS Degree in Engineering from an accredited college or university.

**Experience:** Experience should include the following: Eight (8) years of experience in Navy Ship Steam and Auxiliary systems, including mechanical/electrical system design, repair, installation, modification, operation, maintenance and testing of Navy equipment or systems, as described in the SOW. Working knowledge of the Naval Sea System Command, Naval Surface Warfare Center and Fleet organizations is desired. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

e. **SENIOR ELECTRICAL ENGINEER\*** (4 Resumes)

**Education:** Individual shall possess BS Degree in Electrical Engineering from an accredited college or university.

**Experience:** Experience should include the following: Six (6) years of experience in Navy Ship Steam and Auxiliary systems, including electrical/ electronic system design, repair, installation, modification, operation, maintenance and testing of Navy equipment or systems, as described in the SOW. Working knowledge of the Naval Sea System Command, Naval Surface Warfare Center and Fleet organizations is desired. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

**6.3 NON-KEY PERSONNEL**

**Non-Key Personnel** – The minimum qualification for the respective non-key labor categories are as follows:

f. ELECTRICAL ENGINEER

**Education:** Individual shall possess BS Degree in Electrical Engineering from an accredited college or university.

**Experience:** Experience should include the following: Three (3) years of experience in Navy Ship Steam and Auxiliary systems, including electrical/ electronic system design, repair, installation, modification, operation, maintenance and testing of Navy equipment or systems, as described in the SOW. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

g. ENGINEER

**Education:** Individual shall possess BS Degree in Engineering from an accredited college or university.

**Experience:** Experience should include the following: Three (3) years of experience in Navy Ship Steam and Auxiliary systems, including mechanical system design, repair, installation, modification, operation, maintenance and testing of Navy equipment or systems, as described in the SOW. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

h. SENIOR TECHNICIAN

**Education:** Individual shall possess a minimum of a high school diploma OR GED equivalent OR trade school diploma OR industrial school diploma.

**Experience:** Experience shall include the following: Three (3) years of experience in Navy Ship Steam and Auxiliary systems, including distributed machinery control systems and software, Auxiliary Fuel and Lube Oil systems, Auxiliary Machinery, Auxiliary Pumps and Smart Valves and the testing of these systems as described in the SOW. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

I. SENIOR ENGINEERING TECHNICIAN

**Education:** Individual shall possess a minimum of a high school diploma OR GED equivalent OR trade school diploma OR industrial school diploma.

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**Experience:** Experience shall include the following: Ten (10) years of experience in Navy programs and ship systems, including distributed machinery control systems including the installation of systems, ship alterations and overhauls, testing, shipboard systems planning, estimating and scheduling work as described in the SOW. Ten (10) years of experience in Surface Ship Auxiliary and Machinery and fluid control systems including, Aircraft Launch Recovery Equipment (ALRE), Aviation Fuel and lube oil systems, flight refueling, Aviation Fuel Operating Sequencing Systems (AFOSS), Service Life Extension Program (SLEP) for Logistics Support Vessel-1 (LSV-1) Class, shock and vibration testing and analysis, lube oil heater analysis, fuel oil separators, ship alterations and repairs. Experience may be gained concurrently. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

#### j. TRAINING DEVELOPMENT SPECIALIST

**Education:** Individual shall possess a minimum of a high school diploma OR GED equivalent OR trade school diploma OR industrial school diploma OR related military experience.

**Experience:** Experience shall include the following: 3 years of experience in support of developing and maintaining Navy training systems. Experience with Submarine training community, specifically associated with Submarine Life Support equipment. Experience with Interactive Multimedia systems development. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

#### k. TECHNICIAN

**Education:** Individual s possess a minimum of a high school diploma OR GED equivalent OR trade school diploma OR industrial school diploma.

**Experience:** Experience should include the following: Three (3) years of experience in Navy Ship Steam and Auxiliary systems, including distributed machinery control systems and software, Auxiliary Fuel and Lube Oil systems, Auxiliary Machinery, Auxiliary Pumps and Smart Valves and the testing of these systems as described in the SOW. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of**

#### l. LOGISTICIAN

**Education:** Individual shall possess a minimum of a high school diploma OR GED equivalent OR trade school diploma OR industrial school diploma.

**Experience:** Experience shall include the following: One (1) year of experience in the development of Integrated Logistics Support (ILS) of Navy systems and equipment directly related to the SOW. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

#### m. ANALYST

**Education:** Individual shall possess a minimum of a high school diploma OR GED equivalent OR trade school diploma OR industrial school diploma.

**Experience:** Experience should include the following: Three (3) years of experience with business and technical processes, metrics, data collection, database structures, financial management, financial reports, tracking schedule and cost performance using tools and databases as described in the SOW. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

#### n. DRAFTER

**Education:** Individual shall possess a minimum of a high school diploma OR GED equivalent OR trade school diploma OR industrial school diploma.

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**Experience:** Experience shall include the following: One (1) year of experience in the development of engineering drawings and data for Navy systems and equipment directly related to the SOW, including one (1) year of experience with AUTOCAD.

A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.

**o. DATA MANAGER**

**Education:** Individual shall possess a BS degree in Computer Science from an accredited college or university.

**Experience:** One (1) year of experience providing data management utilizing Oracle, SQL Server 2000, SQL Server 2005, SQL Server 2005 and Microsoft Access. Knowledge of Navy programs, organizations and functions. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

**p. PLC Manager**

**Education:** Individual shall possess a BS Degree in Engineering from an accredited college or university.

**Experience:** Three (3) years of experience in providing development, installation and maintenance of Human Machine Interface (HMI) and Programmable Logic Controller (PLC) applications for amphibious warfare ships using Wonderware, RSLogix 500 and 5000 and Allen Bradley products. Possess experience in document management and coordination for quality assurance, control and planning. Three (3) years of experience with Auxiliary fluid support systems support including, Auxiliary Fuel and Lube oil systems, Auxiliary Machinery, Auxiliary Pumps, Smart Valves, Life Support and Compressed Air Systems, and knowledge of Navy programs, organizations, and functions. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

**q. DESIGNER**

**Education:** Individual shall possess a minimum of a high school diploma OR GED equivalent OR trade school diploma OR industrial school diploma.

**Experience:** Experience shall include the following: Three (3) years of experience with developing engineering drawings and data, including AUTOCAD, and Visio Systems, for Navy systems and equipment directly related to the SOW. **A current Secret Clearance, or Secret Clearance eligibility within ninety (90) days after date of award, is required.**

**7.0 SECURITY REQUIREMENTS**

7.1 The highest level of security required under this task order is SECRET, as designated on the DD 254 attached to this task order. The Contractor is responsible for acquiring and maintaining security clearance at the level(s) required under this task order. The Director of Industrial Security, Defense Investigative Service, NAVSSES is the point of contact regarding security matters.

7.2 The contractor shall comply with the attached DD Form 254, Contract Security Classification Specification, and

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any documents such as Classification Guides attached thereto or referenced therein.

## **CONTRACTOR IDENTIFICATION**

The Contractor employees shall identify themselves as Contractor personnel by introducing themselves or being introduced as Contractor personnel and displaying distinguishable badges or other visible identification for meetings with Government personnel. In addition, Contractor personnel shall appropriately identify themselves as Contractor employees in telephone conversations and in formal and informal written correspondence.

## **8.0 PLACES OF PERFORMANCE**

The primary place of performance will be Philadelphia Naval Business Center, Philadelphia, PA. The contractor will be assigned to provide primary support at NAVSSES, Philadelphia, PA. Routine visits between contractor personnel and government personnel for liaison with appropriate officials and performance of work is required. Local commuting expenses will not be reimbursed. Locations include, but are not limited to: Norfolk, VA; Mayport, FL; Kings Bay GA; Pascagoula MS; Ingleside TX; Bath, ME; Bangor, WA; Everett, WA; San Diego, CA; Bremerton, WA; and Pearl Harbor, HI. It is anticipated that ■ of the travel will be OCONUS.

## **9.0 TRAVEL**

9.1 The Contractor shall perform all travel necessary to accomplish the tasks contained in this task order. At a minimum, the Contractor shall be prepared to travel in conjunction with vendor site visits, and to provide support at Government meetings. The Contractor shall be responsible for making all travel arrangements. Costs for transportation may be based upon mileage rates, actual costs incurred, or a combination thereof, provided the method used results in a reasonable charge. Travel costs will be considered reasonable and allowable only to the extent that they do not exceed on a daily basis, the maximum per diem rates in effect at the time of the travel. The Joint Travel Regulations (JTR), while not wholly applicable to contractors shall provide the basis for the determination as to reasonable and allowable.

If all areas of the SOW are fully funded/executed, travel to the locations below may be as required:

Norfolk, VA  
Mayport, FL  
Kings Bay, GA  
Pascagoula, MS  
Ingleside, TX  
Bath, ME  
Bangor, WA  
Everett, WA  
San Diego, CA  
Bremerton, WA  
Pearl Harbor, HI

In addition, the contractor shall provide support to foreign Navies via the Foreign Military Sales (FMS) program. Foreign countries currently engaged are Spain, Egypt, Australia, Turkey, Japan, Italy, Taiwan, Canada, New Zealand, South Korea, Norway, Germany, Netherlands, Denmark, and Greece. Additional locations will be delineated in individual technical instructions.

## **10.0 OVERTIME**

The contractor shall submit to the Contracting Officer Representative (COR), a request to work overtime in support of meeting task milestones and needs of the Navy. The Contracting Officer's Representative (COR), after consulting with the Contracting Officer, will authorize overtime on a case-by-case basis.

## **11.0 MATERIALS**

11.1 The contractor shall acquire all incidental materials required in support of executing the statement of work.

## **12.0 GOVERNMENT FURNISHED INFORMATION (GFI)**

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12.1 The Government will provide the contractor with information, including deadlines and government proprietary data within fourteen (14) working days of request. This Government Furnished Information (GFI) shall be returned to the government within thirty (30) days after completion of this task or with submission of the final report.

### **5237.102-90 Enterprise-wide Contractor Manpower Reporting Application (ECMRA)**

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

- (1) W, Lease/Rental of Equipment;
- (2) X, Lease/Rental of Facilities;
- (3) Y, Construction of Structures and Facilities;
- (4) S, Utilities ONLY;
- (5) V, Freight and Shipping ONLY.

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

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

### **CAR-C02 ON-SITE ENVIRONMENTAL AWARENESS (AUG 2009)**

(a) The contractor shall strictly adhere to Federal Occupational Safety and Health Agency (OSHA) Regulations, Environmental Protection Agency (EPA) Regulations, and all applicable state and local requirements.

(b) The contractor shall ensure that each contractor employee reads the document entitled, "Carderock Division Environmental Policy and Commitment" within 30 days of commencing performance at NSWCCD-SSES. This document is available at:

[https://crbewebappdev.dt.navy.mil/intranet/documents/policy/Environmental\\_Policy.pdf](https://crbewebappdev.dt.navy.mil/intranet/documents/policy/Environmental_Policy.pdf)

(c) The contractor shall ensure that each contractor employee who will be resident at NSWCCD-SSES completes the Environmental Management System (EMS) Awareness training within 30 days of commencing performance at NSWCCD-SSES. This document is available at:

[https://crbewebappdev.dt.navy.mil/intranet/esh/documents/Contractor\\_EMS\\_Awareness\\_Training.doc](https://crbewebappdev.dt.navy.mil/intranet/esh/documents/Contractor_EMS_Awareness_Training.doc)

(d) The Contractor shall certify by e-mail to Paul Breeden/Code 023 ([paul.breeden@navy.mil](mailto:paul.breeden@navy.mil)) that on-site employees have read the "Carderock Division Environmental Policy and Commitment" and taken the Environmental Management System (EMS) Awareness training within 30 days of commencing performance at NSWCCD-SSES. The e-mail shall include the employee name, work site, and contract number.

### **CAR-C03 ON-SITE SAFETY AWARENESS (AUG 2009)**

(a) The contractor shall strictly adhere to Federal Occupational Safety and Health Agency (OSHA) Regulations, Environmental Protection Agency (EPA) Regulations, and all applicable state and local requirements.

(b) The contractor shall ensure that each contractor employee reads the document entitled, "Carderock Division Occupational Safety and Health Policy Statement" within 30 days of commencing performance at NSWCCD-SSES. This document is available at:

<https://crbewebappdev.dt.navy.mil/intranet/documents/policy/OccupationalSafety.pdf>

(c) The contractor shall ensure that each contractor employee who will be resident at NSWCCD-SSES completes the Voluntary Protection Program (VPP) Awareness Training within 30 days of commencing performance at NSWCCD-SSES. This document is available at:

[https://crbewebappdev.dt.navy.mil/intranet/esh/documents/VPP\\_Awareness\\_Training\\_for\\_Contractors.doc](https://crbewebappdev.dt.navy.mil/intranet/esh/documents/VPP_Awareness_Training_for_Contractors.doc)



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(d) The Contractor shall certify by e-mail to Thomas Egan/Code 022 ([thomas.egan@navy.mil](mailto:thomas.egan@navy.mil)) that employees have read the “Carderock Division Occupational Safety and Health Policy Statement” and taken the Voluntary Protection Program (VPP) awareness training within 30 days of commencing performance at NSWCCD-SSES. The e-mail shall include the employees name, work site, and contract number.

(e) The contractor shall submit their OSHA 300 Logs (injury/illness rates) within 30 days of commencing performance at NSWCCD-SSES for review by the Safety Office (Code 022). If a contractor’s injury/illness rates are above the Bureau of Labor Statistics industry standards, a safety assessment will be performed by Code 022 to determine if any administrative or engineering controls can be utilized to prevent further injuries/illnesses, or if any additional PPE or training will be required.

(f) The contractor shall post their OSHA 300 Logs in a conspicuous place where employee notices are customarily posted immediately upon commencing performance at NSWCCD-SSES.

(g) Applicable contractors shall submit Total Case Incident Rate (TCIR) and Days Away, Restricted and Transfer (DART) rates for the past three years within 30 days of commencing performance at NSWCCD-SSES for review by the Safety Office (Code 022). A contractor meets the definition of applicable if its employees worked 1,000 hours or more in any calendar quarter on site and were not directly supervised in day-to-day activities by the command.

(h) The contractor shall report all work-related injuries/illnesses that occurred while working at NSWCCD-SSES to the Safety Office (Code 022).

(i) The contractor shall ensure that all contractor work at NSWCCD-SSES is in accordance with the Occupational Safety and Health (OSH) Program Manual (NAVSSSINST 5100.14). The OSH Program Manual is available at: <https://crbewebappdev.dt.navy.mil/intranet/instr/s5100-14g.htm>

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## SECTION D PACKAGING AND MARKING

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

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

- (1) name and business address of the Contractor
- (2) contract number
- (3) task order number
- (4) sponsor: (To be specified on each individual Technical Instruction)

(Name of Individual Sponsor)

(To be specified on each individual Technical Instruction)

(Name of Requiring Activity)

(To be specified on each individual Technical Instruction)

(City and State)

Ship all reports/data to the following address:

Naval Surface Warfare Center Philadelphia Division  
5001 South Broad Street, Building 4  
Philadelphia, PA 19112  
Attn: Melissa Cohen - Code: 4021

[melissa.cohen@navy.mil](mailto:melissa.cohen@navy.mil)

215-897-7824

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

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## **SECTION E INSPECTION AND ACCEPTANCE**

Inspection and Acceptance will be performed by the Contracting Officer Representative, Melissa Cohen, Code 4021

([melissa.cohen@navy.mil](mailto:melissa.cohen@navy.mil)).

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## SECTION F DELIVERABLES OR PERFORMANCE

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

7000	9/15/2016 - 9/14/2017
7001	9/15/2016 - 9/14/2017
7002	9/15/2016 - 9/14/2017
7003	9/15/2016 - 9/14/2017
7004	9/15/2016 - 9/14/2017
7005	9/15/2016 - 9/14/2017
7006	9/15/2016 - 9/14/2017
7007	9/15/2016 - 9/14/2017
7008	9/15/2016 - 9/14/2017
7009	9/15/2016 - 9/14/2017
7010	9/29/2016 - 9/14/2017
7011	9/29/2016 - 9/14/2017
7012	9/29/2016 - 9/14/2017
7013	9/29/2016 - 9/14/2017
7014	9/29/2016 - 9/14/2017
7015	9/29/2016 - 9/14/2017
7016	9/29/2016 - 9/14/2017
7017	9/29/2016 - 9/14/2017
7018	9/29/2016 - 9/14/2017
7019	9/29/2016 - 9/14/2017
7020	9/29/2016 - 9/14/2017
7021	9/29/2016 - 9/14/2017
7022	9/29/2016 - 9/14/2017
7023	9/29/2016 - 9/14/2017
7024	9/29/2016 - 9/14/2017
7025	9/29/2016 - 9/14/2017
7026	9/29/2016 - 9/14/2017
7027	9/29/2016 - 9/14/2017
7028	9/29/2016 - 9/14/2017
7029	9/29/2016 - 9/14/2017
7030	9/29/2016 - 9/14/2017
7031	9/29/2016 - 9/14/2017
7032	9/29/2016 - 9/14/2017
7033	9/29/2016 - 9/14/2017
7034	9/29/2016 - 9/14/2017
7035	9/29/2016 - 9/14/2017
7036	9/29/2016 - 9/14/2017
7037	9/29/2016 - 9/14/2017
7038	9/29/2016 - 9/14/2017
7039	9/30/2016 - 9/14/2017
7040	9/30/2016 - 9/14/2017

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7041	9/30/2016 - 9/14/2017
7042	11/4/2016 - 9/14/2017
7043	11/4/2016 - 9/14/2017
7044	11/4/2016 - 9/14/2017
7045	11/4/2016 - 9/14/2017
7046	11/4/2016 - 9/14/2017
7047	11/4/2016 - 9/14/2017
7048	11/4/2016 - 9/14/2017
7049	11/4/2016 - 9/14/2017
7050	11/17/2016 - 9/14/2017
7051	11/17/2016 - 9/14/2017
7052	11/17/2016 - 9/14/2017
7053	11/17/2016 - 9/14/2017
7054	11/17/2016 - 9/14/2017
7055	11/17/2016 - 9/14/2017
7056	12/8/2016 - 9/14/2017
7057	12/8/2016 - 9/14/2017
7058	2/3/2017 - 9/14/2017
7059	12/8/2016 - 9/14/2017
7060	12/8/2016 - 9/14/2017
7061	12/8/2016 - 9/14/2017
7062	12/8/2016 - 9/14/2017
7063	12/8/2016 - 9/14/2017
7064	12/8/2016 - 9/14/2017
7065	12/8/2016 - 9/14/2017
7066	12/21/2016 - 9/14/2017
7067	12/21/2016 - 9/14/2017
7068	12/21/2016 - 9/14/2017
7069	12/21/2016 - 9/14/2017
7070	12/21/2016 - 9/14/2017
7071	12/21/2016 - 9/14/2017
7072	12/21/2016 - 9/14/2017
7073	1/27/2017 - 9/14/2017
7074	1/27/2017 - 9/14/2017
7075	1/27/2017 - 9/14/2017
7076	1/27/2017 - 9/14/2017
7077	1/27/2017 - 9/14/2017
7078	1/27/2017 - 9/14/2017
7079	1/27/2017 - 9/14/2017
7080	1/27/2017 - 9/14/2017
7081	1/27/2017 - 9/14/2017
7082	1/27/2017 - 9/14/2017
7083	1/27/2017 - 9/14/2017
7084	2/3/2017 - 9/14/2017
7085	2/3/2017 - 9/14/2017
7086	2/3/2017 - 9/14/2017

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7087	2/2/2017 - 9/14/2017
7088	2/3/2017 - 9/14/2017
7089	2/3/2017 - 9/14/2017
7090	2/3/2017 - 9/14/2017
7091	2/3/2017 - 9/14/2017
7092	2/3/2017 - 9/14/2017
7093	2/3/2017 - 9/14/2017
7094	2/16/2017 - 9/14/2017
7095	2/16/2017 - 9/14/2017
7100	2/22/2017 - 2/21/2018
7101	2/16/2017 - 9/14/2017
7102	2/16/2017 - 9/14/2017
7103	2/16/2017 - 9/14/2017
7104	2/16/2017 - 2/6/2018
7105	2/16/2017 - 9/14/2017
7106	2/16/2017 - 9/14/2017
7107	3/27/2017 - 9/30/2017
7108	3/27/2017 - 9/30/2017
7109	3/27/2017 - 9/14/2018
7110	3/27/2017 - 9/30/2017
7111	3/27/2017 - 9/14/2017
7112	3/27/2017 - 9/14/2017
7113	3/27/2017 - 12/7/2017
7114	3/27/2017 - 9/14/2017
7115	4/7/2017 - 2/21/2018
7116	4/7/2017 - 3/9/2018
7117	4/7/2017 - 3/9/2018
7118	4/7/2017 - 3/9/2018
7119	4/7/2017 - 9/14/2018
7120	4/7/2017 - 9/30/2017
7121	4/7/2017 - 3/9/2018
7122	4/7/2017 - 9/14/2017
7123	4/7/2017 - 2/15/2018
7124	4/7/2017 - 9/14/2017
7125	5/1/2017 - 9/30/2017
7126	5/1/2017 - 9/30/2017
7127	5/1/2017 - 9/30/2017
7128	5/1/2017 - 2/15/2018
7129	5/1/2017 - 9/14/2018
7130	5/1/2017 - 9/14/2018
7131	5/1/2017 - 9/30/2017
7132	5/1/2017 - 9/30/2019
7133	5/22/2017 - 9/30/2018
7134	5/22/2017 - 4/24/2018
7135	5/22/2017 - 5/1/2018
7136	5/22/2017 - 9/14/2017

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7137	5/22/2017 - 9/14/2017
7138	5/22/2017 - 9/30/2017
7139	6/7/2017 - 9/30/2017
7140	6/7/2017 - 9/14/2018
7141	6/7/2017 - 2/21/2018
7142	6/7/2017 - 2/21/2018
7143	6/7/2017 - 2/21/2018
7144	6/7/2017 - 2/21/2018
7145	6/19/2017 - 2/21/2018
7146	6/26/2017 - 2/21/2018
7147	6/26/2017 - 12/29/2017
7148	6/26/2017 - 2/21/2018
7149	6/26/2017 - 2/21/2018
7150	6/26/2017 - 2/21/2018
7151	6/26/2017 - 2/21/2018
7152	7/7/2017 - 2/21/2018
7153	7/7/2017 - 2/21/2018
7154	7/7/2017 - 2/21/2018
7155	7/7/2017 - 2/21/2018
7156	7/7/2017 - 2/21/2018
7157	7/14/2017 - 9/30/2017
7158	7/14/2017 - 2/21/2018
7159	7/14/2017 - 2/21/2018
7160	7/14/2017 - 2/21/2018
7161	7/14/2017 - 2/21/2018
7162	8/2/2017 - 2/21/2018
7163	8/2/2017 - 9/14/2017
7164	8/2/2017 - 2/21/2018
7165	8/2/2017 - 2/21/2018
7166	8/2/2017 - 2/21/2018
9000	9/15/2016 - 9/14/2017
9001	9/15/2016 - 9/14/2017
9002	9/15/2016 - 9/14/2017
9003	9/15/2016 - 9/14/2017
9004	9/15/2016 - 9/14/2017
9005	9/15/2016 - 9/14/2017
9006	9/29/2016 - 9/14/2017
9007	9/29/2016 - 9/14/2017
9008	9/29/2016 - 9/14/2017
9009	9/29/2016 - 9/14/2017
9010	9/29/2016 - 9/14/2017
9011	9/29/2016 - 9/14/2017
9012	9/29/2016 - 9/14/2017
9013	9/29/2016 - 9/14/2017
9014	9/29/2016 - 9/14/2017
9015	9/29/2016 - 9/14/2017

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9016	9/29/2016 - 9/14/2017
9017	9/29/2016 - 9/14/2017
9018	9/29/2016 - 9/14/2017
9019	9/29/2016 - 9/14/2017
9020	9/29/2016 - 9/14/2017
9021	9/29/2016 - 9/14/2017
9022	9/29/2016 - 9/14/2017
9023	9/29/2016 - 9/14/2017
9024	9/29/2016 - 9/14/2017
9025	9/29/2016 - 9/14/2017
9026	9/29/2016 - 9/14/2017
9027	9/29/2016 - 9/14/2017
9028	9/29/2016 - 9/14/2017
9029	9/29/2016 - 9/14/2017
9030	9/30/2016 - 9/14/2017
9031	9/30/2016 - 9/14/2017
9032	9/30/2016 - 9/14/2017
9033	11/4/2016 - 9/14/2017
9034	11/4/2016 - 9/14/2017
9035	11/17/2016 - 9/14/2017
9036	11/17/2016 - 9/14/2017
9037	11/17/2016 - 9/14/2017
9038	11/17/2016 - 9/14/2017
9039	11/17/2016 - 9/14/2017
9040	11/17/2016 - 9/14/2017
9041	12/8/2016 - 9/14/2017
9042	12/8/2016 - 9/14/2017
9043	12/8/2016 - 9/14/2017
9044	12/8/2016 - 9/14/2017
9045	12/8/2016 - 9/14/2017
9046	12/8/2016 - 9/14/2017
9047	12/21/2016 - 9/14/2017
9048	12/21/2016 - 9/14/2017
9049	12/21/2016 - 9/14/2017
9050	12/21/2016 - 9/14/2017
9051	12/21/2016 - 9/14/2017
9052	1/27/2017 - 9/14/2017
9053	1/27/2017 - 9/14/2017
9054	1/27/2017 - 9/14/2017
9055	1/27/2017 - 9/14/2017
9056	1/27/2017 - 9/14/2017
9057	2/3/2017 - 9/14/2017
9058	2/3/2017 - 2/2/2018
9059	2/3/2017 - 9/14/2017
9060	2/3/2017 - 9/14/2017
9061	2/3/2017 - 9/14/2017



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9062	2/3/2017 - 9/14/2017
9063	2/3/2017 - 9/14/2017
9064	2/16/2017 - 9/14/2017
9100	2/22/2017 - 2/21/2018
9101	2/16/2017 - 2/6/2018
9102	2/16/2017 - 9/14/2017
9103	2/16/2017 - 9/14/2017
9104	3/27/2017 - 9/30/2017
9105	3/27/2017 - 9/30/2017
9106	3/27/2017 - 9/14/2018
9107	3/28/2017 - 12/7/2017
9108	3/27/2017 - 9/14/2017
9109	4/7/2017 - 2/21/2018
9110	4/7/2017 - 3/9/2018
9111	4/7/2017 - 9/14/2018
9112	4/7/2017 - 9/30/2017
9113	4/7/2017 - 3/9/2018
9114	4/7/2017 - 9/14/2017
9115	4/7/2017 - 2/15/2018
9116	5/1/2017 - 9/30/2017
9117	5/1/2017 - 2/15/2018
9118	5/1/2017 - 9/14/2018
9119	5/1/2017 - 9/30/2019
9120	5/22/2017 - 9/30/2018
9121	5/22/2017 - 5/1/2018
9122	5/22/2017 - 9/30/2017
9123	6/7/2017 - 9/30/2017
9124	6/7/2017 - 9/14/2018
9125	6/7/2017 - 2/21/2018
9126	6/22/2017 - 7/31/2017
9127	6/26/2017 - 12/29/2017
9128	6/26/2017 - 2/21/2018
9129	6/26/2017 - 2/21/2018
9130	7/7/2017 - 2/21/2018
9131	7/7/2017 - 2/21/2018
9132	7/14/2017 - 2/21/2018
9133	7/14/2017 - 2/21/2018
9134	8/2/2017 - 2/21/2018
9135	8/2/2017 - 2/21/2018
9136	8/2/2017 - 2/21/2018

CLIN - DELIVERIES OR PERFORMANCE

The period of performance for the following items are as follows:

7000 09/15/2016 - 09/14/2017

9000 09/15/2016 - 09/14/2017

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The period of performance for the following option items are as follows:

7100 09/15/2017 - 09/14/2018

9100 09/15/2017 - 09/14/2018

The period of performance for the following option items are as follows:

7200 09/15/2018 - 09/14/2019

9200 09/15/2018 - 09/14/2019

The period of performance for the following option items are as follows:

7300 09/15/2019 - 09/14/2020

9300 09/15/2019 - 09/4/2020

The period of performance for the following option items are as follows:

7400 09/15/2020 - 09/14/2021

9400 09/15/2020 - 09/14/2021

Period of performance for the basic period and option periods is 60 months from task order award.

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## SECTION G CONTRACT ADMINISTRATION DATA

Contracting Officer Representative  
Melissa Cohen  
5001 South Broad Street, Building 4  
Philadelphia, PA 19112

[melissa.cohen@navy.mil](mailto:melissa.cohen@navy.mil)

215-897-7824

The Contractor shall forward a copy of all invoices to the Contracting Officer's Representative.

### SEA 5252.216-9122 LEVEL OF EFFORT – ALTERNATE 1 (MAY 2010)

- (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] 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 [REDACTED] 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 (i) 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.
- (g) 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

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identifying compensated effort and uncompensated effort, if any.

(h) 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. All submissions shall include subcontractor information.

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

(j) Notwithstanding any of the provisions in the above paragraphs and subject to the LIMITATION OF FUNDS or LIMITATION OF COST clauses, as applicable, the period of performance may be extended and the estimated cost may be increased in order to permit the Contractor to provide all of the man-hours listed in paragraph (a) above. The contractor shall continue to be paid fee for each man-hour performed in accordance with the terms of the contract.

**252.204-0005 Line Item Specific: by Cancellation Date. (SEP 2009)**

The payment office shall make payment using the ACRN with the earliest cancellation date first, exhausting all funds in that ACRN before disbursing funds from the next. In the event there is more than one ACRN associated with the same cancellation date, the payment amount shall be disbursed from each ACRN with the same cancellation date in the same proportion as the amount of funding obligated for each ACRN with the same cancellation date.

**252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (MAY 2013)**

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

“Department of Defense Activity Address Code (DoDAAC)” is a six position code that uniquely identifies a unit, activity, or organization.

“Document type” means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

“Local processing office (LPO)” is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) *Electronic invoicing.* The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS [252.232-7003](#), Electronic Submission of Payment Requests and Receiving Reports.

(c) *WAWF access.* To access WAWF, the Contractor shall—

(1) Have a designated electronic business point of contact in the Central Contractor Registration at <https://www.acquisition.gov>; and

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(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this web site.

(d) *WAWF training.* The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the “Web Based Training” link on the WAWF home page at <https://wawf.eb.mil/>

(e) *WAWF methods of document submission.* Document submissions may be via web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) *WAWF payment instructions.* The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) *Document type.* The Contractor shall use the following document type.

**Cost Voucher**

(2) *Inspection/acceptance location.* The Contractor shall select the following inspection/acceptance location(s) in WAWF, as specified by the contracting officer.

**Destination**

(3) *Document routing.* The Contractor shall use the information in the Routing Data Table below only to fill in applicable fields in WAWF when creating payment requests and receiving reports in the system.

Routing Data Table\*

<i>Field Name in WAWF</i>	<i>Data to be entered in WAWF</i>

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Pay Official DoDAAC	HQ0337
Issue By DoDAAC	N64498
Admin DoDAAC	S3915A
Inspect By DoDAAC	N64498
Ship To Code	SEE SECTION F
Ship From Code	N/A
Mark For Code	SEE SECTION D
Service Approver (DoDAAC)	N/A
Service Acceptor (DoDAAC)	N64498
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	HAA391
Other DoDAAC(s)	N/A

(4) *Payment request and supporting documentation.* The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) *WAWF email notifications.* The Contractor shall enter the e-mail address identified below in the "Send Additional Email Notifications" field of WAWF once a document is submitted in the system.

[melissa.cohen@navy.mil](mailto:melissa.cohen@navy.mil)

(g) *WAWF point of contact.*

(1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

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Kimberly Carnevale; email:Kimberly.Carnevale@navy.mil ; 215.897-1174

AND

GAM Mailbox - email: NSWCPD\_WAWF\_GAM@navy.mil

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

**HQ G-2-0009, Supplemental Instructions Regarding Electronic Invoicing (NAVSEA) (SEP 2012)**

(a) The Contractor agrees to segregate costs incurred under this contract/task order (TO), as applicable, at the lowest level of performance, either at the technical instruction (TI), sub line item number(SLIN), or contract line item number (CLIN) level, rather than on a total contract/TO basis, and to submit invoices reflecting costs incurred at that level. Supporting documentation in Wide Area Workflow (WAWF) for invoices shall include summaries of work charged during the period covered as well as overall cumulative summaries by individual labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of other direct costs (ODCs), materials, and travel, by TI, SLIN, or CLIN level. For other than firm fixed price subcontractors, subcontractors are also required to provide labor categories, rates, and hours (both straight time and overtime) invoiced; as well as, a cost breakdown of ODCs, materials, and travel invoiced. Supporting documentation may be encrypted before submission to the prime contractor for WAWF invoice submittal. Subcontractors may email encryption code information directly to the Contracting Officer (CO)and Contracting Officer Representative (COR). Should the subcontractor lack encryption capability, the subcontractor may also email detailed supporting cost information directly to the CO and COR; or other method as agreed to by the CO.

(b) Contractors submitting payment requests and receiving reports to WAWF using either Electronic Data Interchange(EDI) or Secure File Transfer Protocol (SFTP) shall separately send an email notification to the COR and CO on the same date they submit the invoice in WAWF. No payments shall be due if the contractor does not provide the COR and CO email notification as required herein.

**252.204-0001 Line Item Specific: Single Funding. (SEP2009)**

The payment office shall make payment using the ACRN funding of the line itembeing billed.

Accounting Data

SLINID	PR Number	Amount
7001	130059609300001	██████████
LLA :		
AA 1761319 H4RL 255 SB397 0 050120 2D 000000 A00003607443		
This CLIN is associated with Technical Instruction Letter 1.		
7002	130059609600001	██████████
LLA :		
AB 1741611 H232 251 SB450 0 050120 2D 000000 A00003607447		
This CLIN is associated with Technical Instruction Letter 2.		
7003	130059610000001	██████████
LLA :		
AC 1761804 8B5B 251 VU021 0 050120 2D 000000 A00003607983		

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This CLIN is associated with Technical Instruction Letter 3. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of this order.

7004 130059620500001 [REDACTED]

LLA :

AD 1761804 8U5N 251 VUS00 0 050120 2D 000000 A00003608440

This CLIN is associated with Technical Instruction Letter 3. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of this order.

7005 130059620100001 [REDACTED]

LLA :

AE 1711611 1281 251 SH501 0 050120 2D 000000 A00003608188

This CLIN is associated with Technical Instruction Letter 4.

7006 130059620200001 [REDACTED]

LLA :

AF 1701811 1224 253 X8WMW 0 068342 2D 000000 20010900121D

Standard Number: N0002416WX20206/AA

This CLIN is associated with Technical Instruction Letter 4.

7007 130059620300001 [REDACTED]

LLA :

AG 1711611 1224 251 SH400 0 050120 2D 000000 A00003608433

This CLIN is associated with Technical Instruction Letter 4.

7008 130059662200001 [REDACTED]

LLA :

AH 1761804 8B5B 251 VUS00 0 050120 2D 000000 A00003610936

This CLIN is associated with Technical Instruction Letter 5. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of this order.

7009 130059680100001 [REDACTED]

LLA :

AJ 1761804 8B5B 251 VU021 0 050120 2D 000000 A00003611983

This CLIN is associated with Technical Instruction Letter 5. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of this order.

9001 130059609300002 [REDACTED]

LLA :

AA 1761319 H4RL 255 SB397 0 050120 2D 000000 A00003607443

This CLIN is associated with Technical Instruction Letter 1.

9002 130059609600002 [REDACTED]

LLA :

AB 1741611 H232 251 SB450 0 050120 2D 000000 A00003607447

This CLIN is associated with Technical Instruction Letter 2.

9003 130059620100002 [REDACTED]

LLA :

AE 1711611 1281 251 SH501 0 050120 2D 000000 A00003608188

This CLIN is associated with Technical Instruction Letter 4.

9004 130059662200002 [REDACTED]

LLA :

AH 1761804 8B5B 251 VUS00 0 050120 2D 000000 A00003610936

This CLIN is associated with Technical Instruction Letter 5. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of this order.

9005 130059680100002 [REDACTED]

LLA :

AJ 1761804 8B5B 251 VU021 0 050120 2D 000000 A00003611983

This CLIN is associated with Technical Instruction Letter 5. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of this order.

BASE Funding [REDACTED]



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Cumulative Funding [REDACTED]

MOD 01

7010 130059887000001 [REDACTED]

LLA :

AK 1761804 60BA 257 00060 R 068732 2D C2AOWC 636326B2CR4P

Standard Number: N0006016RC2AOWC/AA

This CLIN is associated with Technical Instruction Letter 11. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7011 130059886200001 [REDACTED]

LLA :

AL 1761804 8U5N 251 VUS00 0 050120 2D 000000 A00003626692

This CLIN is associated with Technical Instruction Letter 10. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7012 130059905800001 [REDACTED]

LLA :

AM 1761804 8B2B 251 V7200 0 050120 2D 000000 A00003628892

This CLIN is associated with Technical Instruction Letter 12. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7013 130059905600001 [REDACTED]

LLA :

AN 1761804 8B5B 251 VUS00 0 050120 2D 000000 A00003628612

This CLIN is associated with Technical Instruction Letter 12. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7014 130059954500001 [REDACTED]

LLA :

AP 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003632318

This CLIN is associated with Technical Instruction Letter 13. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7015 130059846000001 [REDACTED]

LLA :

AQ 1761804 8B5B 251 VU021 0 050120 2D 000000 A00003624790

This CLIN is associated with Technical Instruction Letter 10. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7016 130059708100001 [REDACTED]

LLA :

AR 1751611 C281 251 24VCS 0 050120 2D 000000 A00003614210

This CLIN is associated with Technical Instruction Letter 8.

7017 130060179500001 [REDACTED]

LLA :

AS 97X4930 ND2A 252 32205 0 000033 2F 118136 020200025235

Standard Number: N2146816RCP4008/AA

This CLIN is associated with Technical Instruction Letter 9. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7018 130060187400001 [REDACTED]

LLA :

AT 1761804 70BA 251 55262 R 068688 2D CD0125 5526260033TQ

Standard Number: N5526216RCD0125/AA

This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7019 130060187600001 [REDACTED]

LLA :

AU 1761804 70BD 257 53824 R 060957 2D CK2081 538246VUK01Q

Standard Number: R5382416RCK2081/AA

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This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7020 130060151100001 [REDACTED]

LLA :

AV 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003646752

This CLIN is associated with Technical Instruction Letter 19. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7021 130060055400001 [REDACTED]

LLA :

AW 1761804 8B5B 251 VU021 0 050120 2D 000000 A00003640295

This CLIN is associated with Technical Instruction Letter 15. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7022 130060030500001 [REDACTED]

LLA :

AX 1761804 8B5B 251 VUS00 0 050120 2D 000000 A00003638537

This CLIN is associated with Technical Instruction Letter 5 Rev. 1. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7023 130059680200001 [REDACTED]

LLA :

AY 1761804 8B5B 251 VU021 0 050120 2D 000000 A00003612196

This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7024 130060030400001 [REDACTED]

LLA :

AZ 1721611 1317 251 SH317 0 050120 2D 000000 A00003638115

This CLIN is associated with Technical Instruction Letter 18. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7025 130059663000001 [REDACTED]

LLA :

AG 1711611 1224 251 SH400 0 050120 2D 000000 A00003611585

This CLIN is associated with Technical Instruction Letter 6.

7026 130059905400001 [REDACTED]

LLA :

BB 1761804 8D3D 251 VU021 0 050120 2D 000000 A00003628444

This CLIN is associated with Technical Instruction Letter 12. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7027 130060145900001 [REDACTED]

LLA :

BC 1761804 70BA 251 55262 R 068688 2D CD0171 552626002RAQ

Standard Number: N5526216RCD0171/AA

This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7028 130060173000001 [REDACTED]

LLA :

BD 1761804 60BA 257 50054 R 068732 2D CX0350 500546D0038P

Standard Number: N5005416RCX0350/AA

This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7029 130060184100001 [REDACTED]

LLA :

BE 1761804 60BA 257 50054 R 068732 2D CX0349 500546D0038P

Standard Number: N5005416RCX0349/AA

This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is

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hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7030 130060098100001 [REDACTED]  
 LLA :  
 BF 1761810 81ST 251 VU021 0 050120 2D 000000 A00003643143  
 This CLIN is associated with Technical Instruction Letter 20.

7031 130060205200001 [REDACTED]  
 LLA :  
 BG 2152035 A5X DQ MA 4 502ARJ M5 3101 0010931492 A 0021519 1 4 1 021001  
 Standard Number: MIPR # 10931492  
 This CLIN is associated with Technical Instruction Letter 14.

7032 130060165100001 [REDACTED]  
 LLA :  
 BH 1761804 8B5B 251 VUS00 0 050120 2D 000000 A00003647459  
 This CLIN is associated with Technical Instruction Letter 5 Rev. 01. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7033 130060205100001 [REDACTED]  
 LLA :  
 BJ 2152035 A5X DQ MA 4 502ARJ M5 3101 0010930957 A 0021519 1 4 1 021001  
 Standard Number: MIPR # 10930957  
 This CLIN is associated with Technical Instruction Letter 14.

7034 130060194900001 [REDACTED]  
 LLA :  
 BK 2152035 A5X DQ MA 4 502ARJ M5 3101 0010930409 A 0021519 1 4 1 021001  
 Standard Number: MIPR # 10930409  
 This CLIN is associated with Technical Instruction Letter 14.

7035 130059805300001 [REDACTED]  
 LLA :  
 BL 1761319 64PB 251 CV312 0 050120 2D 000000 A00003621935  
 This CLIN is associated with Technical Instruction Letter 16.

7036 130060187500001 [REDACTED]  
 LLA :  
 AU 1761804 70BD 257 53824 R 060957 2D CK2081 538246VUK01Q  
 Standard Number: R5382416RCK2081/AA  
 This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7037 130060231300001 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003653413  
 This CLIN is associated with Technical Instruction Letter 17. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

7038 130060055200001 [REDACTED]  
 LLA :  
 BN 1761810 61LT 251 CV312 0 050120 2D 000000 A00003640209  
 This CLIN is associated with Technical Instruction Letter 20.

9006 130059887000002 [REDACTED]  
 LLA :  
 AK 1761804 60BA 257 00060 R 068732 2D C2AOWC 636326B2CR4P  
 This CLIN is associated with Technical Instruction Letter 11. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9007 130059886200002 [REDACTED]  
 LLA :  
 AL 1761804 8U5N 251 VUS00 0 050120 2D 000000 A00003626692  
 This CLIN is associated with Technical Instruction Letter 10. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

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9008 130059954500002

LLA :

AP 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003632318

This CLIN is associated with Technical Instruction Letter 13. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9009 130059846000002

LLA :

AQ 1761804 8B5B 251 VU021 0 050120 2D 000000 A00003624790

This CLIN is associated with Technical Instruction Letter 10. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9010 130059708100002

LLA :

AR 1751611 C281 251 24VCS 0 050120 2D 000000 A00003614210

This CLIN is associated with Technical Instruction Letter 8.

9011 130060179500002

LLA :

AS 97X4930 ND2A 252 32205 0 000033 2F 118136 020200025235

Standard Number: N2146816RCP4008/AA

This CLIN is associated with Technical Instruction Letter 9. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9012 130060187400002

LLA :

AT 1761804 70BA 251 55262 R 068688 2D CD0125 5526260033TQ

Standard Number: N5526216RCD0125/AA

This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9013 130060187600002

LLA :

AU 1761804 70BD 257 53824 R 060957 2D CK2081 538246VUK01Q

Standard Number: R5382416RCK2081/AA

This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9014 130060055400002

LLA :

AW 1761804 8B5B 251 VU021 0 050120 2D 000000 A00003640295

This CLIN is associated with Technical Instruction Letter 15. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9015 130060030500002

LLA :

AX 1761804 8B5B 251 VUS00 0 050120 2D 000000 A00003638537

This CLIN is associated with Technical Instruction Letter 5 Rev. 1. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9016 130059680200002

LLA :

AY 1761804 8B5B 251 VU021 0 050120 2D 000000 A00003612196

This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9017 130060030400002

LLA :

AZ 1721611 1317 251 SH317 0 050120 2D 000000 A00003638115

This CLIN is associated with Technical Instruction Letter 18. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9018 130059663000002

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LLA :  
BA 1711611 1224 251 SH400 0 050120 2D 000000 A00003611585  
This CLIN is associated with Technical Instruction Letter 6.

9019 130060145900002

LLA :  
BC 1761804 70BA 251 55262 R 068688 2D CD0171 552626002RAQ  
Standard Number: N5526216RCD0171/AA  
This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9020 130060173000002

LLA :  
BD 1761804 60BA 257 50054 R 068732 2D CX0350 500546D0038P  
Standard Number: N5005416RCX0350/AA  
This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9021 130060184100002

LLA :  
BE 1761804 60BA 257 50054 R 068732 2D CX0349 500546D0038P  
Standard Number: N5005416RCX0349/AA  
This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9022 130060165200001

LLA :  
BP 1761804 8U5N 251 VUS00 0 050120 2D 000000 A00003647793  
This CLIN is associated with Technical Instruction Letter 5 Rev. 1. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9023 130060098100002

LLA :  
BF 1761810 81ST 251 VU021 0 050120 2D 000000 A00003643143  
This CLIN is associated with Technical Instruction Letter 20.

9024 130060165100002

LLA :  
BH 1761804 8B5B 251 VUS00 0 050120 2D 000000 A00003647459  
This CLIN is associated with Technical Instruction Letter 5 Rev. 1. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

9025 130060205100002

LLA :  
BJ 2152035 A5X DQ MA 4 502ARJ M5 3101 0010930957 A 0021519 1 4 1 021001  
Standard Number: MIPR # 10930957  
This CLIN is associated with Technical Instruction Letter 14.

9026 130060194900002

LLA :  
BK 2152035 A5X DQ MA 4 502ARJ M5 3101 0010930409 A 0021519 1 4 1 021001  
Standard Number: MIPR # 10930409  
This CLIN is associated with Technical Instruction Letter 14.

9027 130059805300002

LLA :  
BL 1761319 64PB 251 CV312 0 050120 2D 000000 A00003621935  
This CLIN is associated with Technical Instruction Letter 16.

9028 130060187500002

LLA :  
AU 1761804 70BD 257 53824 R 060957 2D CK2081 538246VUK01Q  
Standard Number: R5382416RCK2081/AA  
This CLIN is associated with Technical Instruction Letter 7. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

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9029 130060231300002

LLA :

BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003653413

This CLIN is associated with Technical Instruction Letter 17. 10 U.S.C. 2410(a) is hereby invoked. Funding availability for performance until one year after the effective date of Modification 01.

MOD 01 Funding

Cumulative Funding

MOD 02

7039 130060198700001

LLA :

BQ 1761810 81ST 251 VU021 0 050120 2D 000000 A00003651233

This CLIN is associated with Technical Instruction Letter 23.

7040 130060112800001

LLA :

BR 1761810 81DM 251 VU021 0 050120 2D 000000 A00003645606

This CLIN is associated with Technical Instruction Letter 22.

7041 130060179200001

LLA :

BS 1761810 81LH 251 VU021 0 050120 2D 000000 A00003649108

This CLIN is associated with Technical Instruction Letter 21.

9030 130060198700002

LLA :

BQ 1761810 81ST 251 VU021 0 050120 2D 000000 A00003651233

This CLIN is associated with Technical Instruction Letter 23.

9031 130060112800002

LLA :

BR 1761810 81DM 251 VU021 0 050120 2D 000000 A00003645606

This CLIN is associated with Technical Instruction Letter 22.

9032 130060179200002

LLA :

BS 1761810 81LH 251 VU021 0 050120 2D 000000 A00003649108

This CLIN is associated with Technical Instruction Letter 21.

MOD 02 Funding

Cumulative Funding 6

MOD 03

7042 130060390100001

LLA :

BT 1761810 A1GW 251 WS060 0 050120 2D 000000 A00003671501

Associated TI

7043 130060510500001

LLA :

BU 2152035 A5X DQ MA 4 502ARJ M5 3101 0010939665 A 0021519 1 4 1 021001

Associated TI XX

7044 130060188000001

LLA :

BV 1751611 1227 251 SH500 0 050120 2D 000000 A00003650944

Associated TI XX

7045 130060583100001

LLA :

BW 2152035 A5X DQ MA 4 502ARJ M5 3101 0010941161 A 0021519 1 4 1 021001

7046 130060583300001

LLA :

BY 2152035 A5X DQ MA 4 502ARJ M5 3101 0010940127 A 0021519 1 4 1 021001

TI-14 Rev 1

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7047 130060612900001 [REDACTED]  
 LLA :  
 BX 2152035 A5X DQ MA 4 502ARJ M5 3101 0010941055 A 0021519 1 4 1 021001  
 TI-14 REV 1

7048 130060612400001 [REDACTED]  
 LLA :  
 BZ 2152035 A5X DQ MA 4 502ARJ M5 3101 0010940981 A 0021519 1 4 1 021001

7049 130060583500001 [REDACTED]  
 LLA :  
 CA 2152035 A5X DQ MA 4 502ARJ M5 3101 0010940176 A 0021519 1 4 1 021001  
 TI-14 Rev 1

9033 130060390100002 [REDACTED]  
 LLA :  
 BT 1761810 A1GW 251 WS060 0 050120 2D 000000 A00003671501

9034 130060188000002 [REDACTED]  
 LLA :  
 BV 1751611 1227 251 SH500 0 050120 2D 000000 A00003650944

MOD 03 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 04 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 05

7050 130060714700001 [REDACTED]  
 LLA :  
 CB 1751810 81LD 251 VU021 0 050120 2D 000000 A00003703919  
 TI-27

7051 130060714100001 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003702801  
 TI-26

7052 130060870300001 [REDACTED]  
 LLA :  
 CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003715499  
 TI-29

7053 130060815900001 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003712222  
 TI-26

7054 130060891800001 [REDACTED]  
 LLA :  
 CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003717608  
 TI-31

7055 130060931700001 [REDACTED]  
 LLA :  
 CD 1751810 81GB 251 VU021 0 050120 2D 000000 A00003720742  
 TI-32

9035 130060714700002 [REDACTED]  
 LLA :  
 CB 1751810 81LD 251 VU021 0 050120 2D 000000 A00003703919  
 TI-27

9036 130060714100002 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003702801  
 TI-26

CONTRACT NO.	DELIVERY ORDER NO.	AMENDMENT/MODIFICATION NO.	PAGE	FINAL
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9037 130060870300002 [REDACTED]  
 LLA :  
 CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003715499

9038 130060815900002 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003712222  
 TI-26

9039 130060891800002 [REDACTED]  
 LLA :  
 CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003717608  
 TI-31

9040 130060931700002 [REDACTED]  
 LLA :  
 CD 1751810 81GB 251 VU021 0 050120 2D 000000 A00003720742

MOD 05 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 06 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 07

7056 130061218200001 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003742151  
 TI-40

7057 130061066100001 [REDACTED]  
 LLA :  
 CE 1721611 C281 251 24VCS 0 050120 2D 000000 A00003730711  
 TI-39

7058 130061058900001 [REDACTED]  
 LLA :  
 AE 1711611 1281 251 SH501 0 050120 2D 000000 A00003731072  
 TI-40

7059 130061206000001 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003743518  
 TI-42

7060 130060913700001 [REDACTED]  
 LLA :  
 CF 1771319 84TX 255 V5T00 0 050120 2D 000000 A00003722223  
 TI-33

7061 130060876400001 [REDACTED]  
 LLA :  
 CG 1761319 84NP 251 V5405 0 050120 2D 000000 A00003716405  
 TI-30

7062 130060913600001 [REDACTED]  
 LLA :  
 CD 1751810 81GB 251 VU021 0 050120 2D 000000 A00003721500  
 TI-32

7063 130060999100001 [REDACTED]  
 LLA :  
 CH 1761611 H232 251 SB450 0 050120 2D 000000 A00003725472  
 TI-34

7064 130061038300001 [REDACTED]  
 LLA :  
 CJ 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003728576  
 TI-35



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7065 130061062100001 [REDACTED]  
 LLA :  
 CK 1761611 C281 251 24VCS 0 050120 2D 000000 A00003730583  
 TI-36

9041 130061218200002 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003742151  
 TI-41

9042 130060913700002 [REDACTED]  
 LLA :  
 CF 1771319 84TX 255 V5T00 0 050120 2D 000000 A00003722223  
 TI-33

9043 130060876400002 [REDACTED]  
 LLA :  
 CG 1761319 84NP 251 V5405 0 050120 2D 000000 A00003716405  
 TI-30

9044 130060913600002 [REDACTED]  
 LLA :  
 CD 1751810 81GB 251 VU021 0 050120 2D 000000 A00003721500  
 TI-32

9045 130060999100002 [REDACTED]  
 LLA :  
 CH 1761611 H232 251 SB450 0 050120 2D 000000 A00003725472  
 TI-34

9046 130061038300002 [REDACTED]  
 LLA :  
 CJ 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003728576  
 TI-35

MOD 07 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 08

7066 130061047900001 [REDACTED]  
 LLA :  
 CM 1771611 6212 251 CV312 0 050120 2D 000000 A00003731153  
 TI-37

7067 130061071500001 [REDACTED]  
 LLA :  
 CL 1761611 6212 251 CV312 0 050120 2D 000000 A00003731942  
 TI-38

7068 130061071600001 [REDACTED]  
 LLA :  
 CM 1771611 6212 251 CV312 0 050120 2D 000000 A00003731945

7069 130061281300001 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003747091  
 TI-43

7070 130061410500001 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003758106

7071 130061358500001 [REDACTED]  
 LLA :  
 CN 2152035 A5X DQ MA 4 501ARJ M5 3101 0010950793 A 0021519 1 2 3 021001

7072 130061370300001 [REDACTED]  
 LLA :  
 CP 2152035 A5X DQ MA 4 501ARJ M5 3101 0010957643 A 0021519 1 2 3 021001

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9047 130061047900002 [REDACTED]  
 LLA :  
 CM 1771611 6212 251 CV312 0 050120 2D 000000 A00003731153  
 TI-37

9048 130061071600002 [REDACTED]  
 LLA :  
 CM 1771611 6212 251 CV312 0 050120 2D 000000 A00003731945

9049 130061410500002 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003758106

9050 130061358500002 [REDACTED]  
 LLA :  
 CN 2152035 A5X DQ MA 4 501ARJ M5 3101 0010950793 A 0021519 1 2 3 021001

9051 130061370300002 [REDACTED]  
 LLA :  
 CP 2152035 A5X DQ MA 4 501ARJ M5 3101 0010957643 A 0021519 1 2 3 021001

MOD 08 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 09

7073 130062017600001 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003807109  
 TI-54

7074 130061899900001 [REDACTED]  
 LLA :  
 CQ 1771804 8M1K 251 V7TR0 0 050120 2D 000000 A00003798473  
 TI-53

7075 130061778800003 [REDACTED]  
 LLA :  
 CR 1761611 6218 257 CV312 0 050120 2D 000000 A10003790437  
 TI-52 with Trip Wire

7076 130061661300001 [REDACTED]  
 LLA :  
 BA 1711611 1224 251 SH400 0 050120 2D 000000 A00003779390  
 TI-51

7077 130061648700001 [REDACTED]  
 LLA :  
 CS 1771319 64PB 251 CV312 0 050120 2D 000000 A00003777477  
 De-obligated labor funding in the amount of \$1,988 under TI-50 REV01.

7078 130061602000001 [REDACTED]  
 LLA :  
 CT 1771804 8B2B 251 V7200 0 050120 2D 000000 A00003773450  
 TI-49

7079 130061601200001 [REDACTED]  
 LLA :  
 CU 1751810 81CJ 251 VU021 0 050120 2D 000000 A00003772496  
 TI-47

7080 130061528800001 [REDACTED]  
 LLA :  
 CJ 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003767833  
 TI-46

7081 130061281500001 [REDACTED]  
 LLA :  
 CS 1771319 64PB 251 CV312 0 050120 2D 000000 A00003747278  
 TI-44

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7082 130061701700001 [REDACTED]  
 LLA :  
 CV 2152035 A5X DQ MA 4 502ARJ M5 3101 0010970255 A 0021519 1 4 1 021001  
 TI-14

7083 130061696200001 [REDACTED]  
 LLA :  
 CW 2152035 A5X DQ MA 4 501ARJ M5 3101 0010962952 A 0021519 1 2 3 021001  
 TI-14

9052 130062017600002 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003807109  
 TI-54

9053 130061899900002 [REDACTED]  
 LLA :  
 CQ 1771804 8M1K 251 V7TR0 0 050120 2D 000000 A00003798473  
 TI-53

9054 130061778800004 [REDACTED]  
 LLA :  
 CR 1761611 6218 257 CV312 0 050120 2D 000000 A10003790437  
 TI-52

9055 130061602000002 [REDACTED]  
 LLA :  
 CT 1771804 8B2B 251 V7200 0 050120 2D 000000 A00003773450  
 TI-49

9056 130061701700002 [REDACTED]  
 LLA :  
 CV 2152035 A5X DQ MA 4 502ARJ M5 3101 0010970255 A 0021519 1 4 1 021001  
 TI-14

MOD 09 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 10

7084 130061601900001 [REDACTED]  
 LLA :  
 BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003773245  
 TI-48

7085 130061818200001 [REDACTED]  
 LLA :  
 CX 1771804 60BA 257 00060 R 068732 2D C3H2WC 218537E1BR4P  
 TI-38

7086 130061779000001 [REDACTED]  
 LLA :  
 CY 2152035 A5X DQ MA 4 502ARJ M5 3101 0010968083 A 0021519 1 4 1 021001  
 TI-14 REV #4

7087 130061818300001 [REDACTED]  
 LLA :  
 CZ 2152035 A5X DQ MA 4 502ARJ M5 3101 0010968130 A 0021519 1 4 1 021001  
 TI-14 REV #4

7088 130061825600001 [REDACTED]  
 LLA :  
 DA 1771804 70BA 257 4523A 0 068688 2D C00217 4523A70FL55P  
 TI-53 REV 1

7089 130062126000003 [REDACTED]  
 LLA :  
 CQ 1771804 8M1K 251 V7TR0 0 050120 2D 000000 A10003816048  
 TI-53 REV 1

7090 130062122400001 [REDACTED]

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LLA :  
CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003814799  
TI-55

7091 130062073200001 [REDACTED]  
LLA :  
DB 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00003810347  
TI-56

7092 130062172800001 [REDACTED]  
LLA :  
BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003818514  
TI-57

7093 130062200200001 [REDACTED]  
LLA :  
DC 1761611 6218 251 CV312 0 050120 2D 000000 A00003820425  
TI-58

9057 130061818300002 [REDACTED]  
LLA :  
CZ 2152035 A5X DQ MA 4 502ARJ M5 3101 0010968130 A 0021519 1 4 1 021001  
TI-14 REV #4

9058 130061825600002 [REDACTED]  
LLA :  
DA 1771804 70BA 257 4523A 0 068688 2D C00217 4523A70FL55P  
TI-53 REV #01

9059 130062126000004 [REDACTED]  
LLA :  
CQ 1771804 8M1K 251 V7TR0 0 050120 2D 000000 A10003816048  
TI-53 REV-01

9060 130062122400002 [REDACTED]  
LLA :  
CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003814799  
TI-55

9061 130062073200002 [REDACTED]  
LLA :  
DB 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00003810347  
TI-56

9062 130062172800002 [REDACTED]  
LLA :  
BM 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003818514  
TI-57

9063 130062200200002 [REDACTED]  
LLA :  
DC 1761611 6218 251 CV312 0 050120 2D 000000 A00003820425  
TI-58

MOD 10 Funding [REDACTED]  
Cumulative Funding [REDACTED]

MOD 11 Funding [REDACTED]  
Cumulative Funding [REDACTED]

MOD 12

7094 130062319600001 [REDACTED]  
LLA :  
DD 2152035 A5X DQ MA 4 501ARJ M5 3101 0010981899 A 0021519 1 2 3 021001

7095 130062266800001 [REDACTED]  
LLA :  
DE 2152035 A5X DQ MA 4 502ARJ M5 3101 0010968090 A 0021519 1 4 1 021001

7101 130062264900001 [REDACTED]

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LLA :  
DF 2152035 A5X DQ MA 4 502ARJ M5 3101 0010977078 A 0021519 1 4 1 021001  
TI-14 Rev-5

7102 130062292200001 [REDACTED]  
LLA :  
DG 2152035 A5X DQ MA 4 502ARJ M5 3101 0010968127 A 0021519 1 4 1 021001

7103 130062184900001 [REDACTED]  
LLA :  
DC 1761611 6218 251 CV312 0 050120 2D 000000 A00003819581  
TI-58 REV 1

7104 130062280300001 [REDACTED]  
LLA :  
CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003826062

7105 130062245000001 [REDACTED]  
LLA :  
CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003823749

7106 130062319900001 [REDACTED]  
LLA :  
DH 1771804 8U5N 251 VUS00 0 050120 2D 000000 A00003830285

9064 130062395600001 [REDACTED]  
LLA :  
CJ 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003835238  
TI-62

9101 130062280300002 [REDACTED]  
LLA :  
CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003826062

9102 130062245000002 [REDACTED]  
LLA :  
CC 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003823749

9103 130062319900002 [REDACTED]  
LLA :  
DH 1771804 8U5N 251 VUS00 0 050120 2D 000000 A00003830285

MOD 12 Funding [REDACTED]  
Cumulative Funding [REDACTED]

MOD 13

7107 130062451600001 [REDACTED]  
LLA :  
DJ 1751810 81DM 251 VU021 0 050120 2D 000000 A00003839850  
See TI-63.

7108 130062512300001 [REDACTED]  
LLA :  
DK 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003845168  
See TI-60 REV-1.

7109 130062803900001 [REDACTED]  
LLA :  
DM 1761810 81DM 251 VU021 0 050120 2D 000000 A00003876300  
See TI-61.

7110 130062522900001 [REDACTED]  
LLA :  
DN 1761319 64PB 251 CV312 0 050120 2D 000000 A00003847890  
See TI-64.

7111 130062674500001 [REDACTED]  
LLA :  
DP 2152035 A5X DQ MA 4 502ARJ M5 3101 0010976806 A 0021519 1 4 1 021001  
Standard Number: MIPR 10976806

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7112 130062798400001 [REDACTED]  
 LLA :  
 DQ 2162035 A5X DQ M1 1 101ARJ M5 3101 0010993559 A 0026523 1 4 021001  
 Standard Number: MIPR 10993559  
 See TI-65.

7113 130062763900001 [REDACTED]  
 LLA :  
 DR 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003870949  
 See TI-35 REV-1. 2410a authority is hereby invoked.

7114 130062686600001 [REDACTED]  
 LLA :  
 DS 1771804 70BA 257 4523A 0 068688 2D C00258 4523A70JFVVRP  
 Standard Number: N4523A17RC00258  
 See TI-53 REV-2.

9104 130062451600002 [REDACTED]  
 LLA :  
 DJ 1751810 81DM 251 VU021 0 050120 2D 000000 A00003839850  
 See TI-63.

9105 130062512300002 [REDACTED]  
 LLA :  
 DK 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003845168  
 See TI-60 REV-1.

9106 130062798400002 [REDACTED]  
 LLA :  
 DQ 2162035 A5X DQ M1 1 101ARJ M5 3101 0010993559 A 0026523 1 4 021001  
 Standard Number: MIPR 10993559  
 See TI-65.

9107 130062763900002 [REDACTED]  
 LLA :  
 DR 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003870949  
 See TI-35 REV-1. 2410a authority is hereby invoked.

9108 130062686600002 [REDACTED]  
 LLA :  
 DS 1771804 70BA 257 4523A 0 068688 2D C00258 4523A70JFVVRP  
 Standard Number: N4523A17RC00258  
 See TI-53 REV-2.

MOD 13 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 14

7115 130063046900001 [REDACTED]  
 LLA :  
 DT 1771804 60BA 257 00060 R 068732 2D C3H3WC 218537E1BR4P  
 Standard Number: N0006017RC3H3WC  
 See TI-70. 2410a authority is hereby invoked.

7116 130063120600001 [REDACTED]  
 LLA :  
 DU 1771804 8B5B 251 VU021 0 050120 2D 000000 A00003899432  
 See TI-71. 2410a authority is hereby invoked.

7117 130063053400001 [REDACTED]  
 LLA :  
 DV 1771804 8B5B 251 VU021 0 050120 2D 000000 A00003894082  
 See TI-71. 2410a authority is hereby invoked.

7118 130063053600001 [REDACTED]  
 LLA :  
 DW 1771804 60BA 257 50054 R 068732 2D CX0034 500547D0799P  
 See TI-71. 2140a authority is hereby invoked.

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7119 130063070600001 [REDACTED]  
 LLA :  
 DX 1761810 81CC 251 VU021 0 050120 2D 000000 A00003896762  
 See TI-72.

7120 130063214700001 [REDACTED]  
 LLA :  
 DY 1731611 6218 251 CV312 0 050120 2D 000000 A00003907718  
 See TI-74.

7121 130063323200001 [REDACTED]  
 LLA :  
 DZ 1761319 64PB 251 CV312 0 050120 2D 000000 A00003915053  
 See TI-75. 2410a authority is hereby invoked.

7122 130063482500001 [REDACTED]  
 LLA :  
 EA 1771804 8B2B 251 V7200 0 050120 2D 000000 A00003927949  
 See TI-49 REV-1.

7123 130062922700001 [REDACTED]  
 LLA :  
 EB 1771804 8D3D 251 VUS00 0 050120 2D 000000 A00003884640  
 See TI-67. 2410a authority is hereby invoked.

7124 130063053800002 [REDACTED]  
 LLA :  
 EC 1751810 81CJ 251 VU021 0 050120 2D 000000 A10003894083  
 See TI-47 REV-1.

9109 130063046900002 [REDACTED]  
 LLA :  
 DT 1771804 60BA 257 00060 R 068732 2D C3H3WC 218537E1BR4P  
 Standard Number: N0006017RC3H3WC  
 See TI-70.

9110 130063053400002 [REDACTED]  
 LLA :  
 DV 1771804 8B5B 251 VU021 0 050120 2D 000000 A00003894082  
 See TI-71. 2410a authority is hereby invoked.

9111 130063070600002 [REDACTED]  
 LLA :  
 DX 1761810 81CC 251 VU021 0 050120 2D 000000 A00003896762  
 See TI-72.

9112 130063214700002 [REDACTED]  
 LLA :  
 DY 1731611 6218 251 CV312 0 050120 2D 000000 A00003907718  
 See TI-74.

9113 130063323200002 [REDACTED]  
 LLA :  
 DZ 1761319 64PB 251 CV312 0 050120 2D 000000 A00003915053  
 See TI-75. 2410a authority is hereby invoked.

9114 130063482500002 [REDACTED]  
 LLA :  
 EA 1771804 8B2B 251 V7200 0 050120 2D 000000 A00003927949  
 See TI-49 Rev-1.

9115 130062922700002 [REDACTED]  
 LLA :  
 EB 1771804 8D3D 251 VUS00 0 050120 2D 000000 A00003884640  
 See TI-67. 2410a authority is hereby invoked.

MOD 14 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 15 Funding [REDACTED]

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Cumulative Funding [REDACTED]

MOD 16

7125 130063752200001 [REDACTED]  
 LLA :  
 ED 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003949365  
 See TI-60 Rev #2

7126 130063759400001 [REDACTED]  
 LLA :  
 EE 1771804 70BA 251 55262 R 068688 2D CD0083 5526270033JQ  
 Standard Number: N5526217RCD0083  
 See TI-60 Rev #2

7127 130063811600001 [REDACTED]  
 LLA :  
 EF 2152035 A5X DQ MA 8 900ARJ M5 3101 0011009374 A 0021519 1 5 021001  
 See TI-65 Rev#1

7128 130062922300001 [REDACTED]  
 LLA :  
 EG 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003884038  
 See TI-66

7129 130062860100001 [REDACTED]  
 LLA :  
 EH 1771319 14EN 251 SH320 0 050120 2D 000000 A00003879739  
 See TI-44 REV 1

7130 130062854600001 [REDACTED]  
 LLA :  
 EJ 1771319 14EN 251 SH320 0 050120 2D 000000 A00003879785  
 See TI-44 Rev #1

7131 130063005200001 [REDACTED]  
 LLA :  
 EK 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003890009  
 See TI-68

7132 130063576900001 [REDACTED]  
 LLA :  
 EL 1771810 815D 251 V5Z00 0 050120 2D 000000 A00003936404  
 See TI-53 Rev 3

9116 130063759400002 [REDACTED]  
 LLA :  
 EE 1771804 70BA 251 55262 R 068688 2D CD0083 5526270033JQ  
 Standard Number: N5526217RCD0083  
 See TI-60 Rev #2

9117 130062922300002 [REDACTED]  
 LLA :  
 EG 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00003884038  
 See TI-66

9118 130062854600002 [REDACTED]  
 LLA :  
 EJ 1771319 14EN 251 SH320 0 050120 2D 000000 A00003879785  
 See TI-44 Rev #1

9119 130063576900002 [REDACTED]  
 LLA :  
 EL 1771810 815D 251 V5Z00 0 050120 2D 000000 A00003936404  
 See TI-53

MOD 16 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 17



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7133 130061778800005  
 LLA :  
 EM 1761611 6218 257 CV312 0 050120 2D 000000 A10003790437  
 See TI-52 REV 1

7134 130063949900001  
 LLA :  
 EN 1771810 81GB 251 VU021 0 050120 2D 000000 A00003966517  
 See TI-33 REV 2

7135 130064056500001  
 LLA :  
 EP 1771804 8D3D 251 VUS00 0 050120 2D 000000 A00003975697  
 See TI-69.  
 2410a authority is hereby invoked

7136 130064101200001  
 LLA :  
 EQ 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003978291  
 See TI 77

7137 130064080000001  
 LLA :  
 ER 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003978288  
 See TI 76

7138 130063214300001  
 LLA :  
 ES 1761319 64PB 251 CV312 0 050120 2D 000000 A00003906253  
 See TI-73

9120 130061778800006  
 LLA :  
 EM 1761611 6218 257 CV312 0 050120 2D 000000 A10003790437  
 See TI-52 REV 1

9121 130064056500002  
 LLA :  
 EP 1771804 8D3D 251 VUS00 0 050120 2D 000000 A00003975697  
 SEE TI 69

2410a authority is hereby invoked

9122 130063214300002  
 LLA :  
 ES 1761319 64PB 251 CV312 0 050120 2D 000000 A00003906253  
 See TI 73

MOD 17 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 18 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 19

7139 130064350000001  
 LLA :  
 ET 1771804 8B5B 251 CV312 0 050120 2D 000000 A00003997050  
 Incremental Funding for Labor in the amount of [REDACTED] under TI-79.

7140 130062798400003  
 LLA :  
 DQ 2162035 A5X DQ M1 1 101ARJ M5 3101 0010993559 A 0026523 1 4 021001  
 Incremental Funding for Labor in the amount of [REDACTED] under TI-65 REV02

7141 130064530600001  
 LLA :  
 EU 2152035 A5X DQ MA 4 501ARJ M5 3101 0011018628 A 0021519 1 2 3 021001  
 Standard Number: MIPR 11018628  
 Incremental Funding for Labor in the amount of [REDACTED] under TI-65 REV02

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7142 130064470300001 [REDACTED]  
 LLA :  
 EV 1771319 A5HA 251 WS020 0 050120 2D 000000 A00004005978  
 Incremental Funding for Labor in the Amount of [REDACTED] under TI-71 REV01

7143 130064563700001 [REDACTED]  
 LLA :  
 DV 1771804 8B5B 251 VU021 0 050120 2D 000000 A00004012887  
 Incremental Funding For Labor in the Amount of [REDACTED] under TI-05 REV03.

7144 130064199000001 [REDACTED]  
 LLA :  
 EW 1761611 1224 251 SH400 0 050120 2D 000000 A00003985798  
 Incremental Funding for Labor in the amount of [REDACTED] under TI-78

9123 130064350000002 [REDACTED]  
 LLA :  
 ET 1771804 8B5B 251 CV312 0 050120 2D 000000 A00003997050  
 Incremental Funding for Support in the amount of [REDACTED] under TI-79

9124 130062798400004 [REDACTED]  
 LLA :  
 DQ 2162035 A5X DQ M1 1 101ARJ M5 3101 0010993559 A 0026523 1 4 021001  
 Standard Number: MIPR 10993559  
 Incremental funding for support in the amount of [REDACTED] under TI-65 REV02

9125 130064199000002 [REDACTED]  
 LLA :  
 EW 1761611 1224 251 SH400 0 050120 2D 000000 A00003985798  
 SEE TI-78

MOD 19 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 20 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 21

7145 130065013900001 [REDACTED]  
 LLA :  
 EX 1711611 6210 251 CV378 0 050120 2D 000000 A00004044653  
 See TI # 82

MOD 21 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 22

9126 130065135900001 [REDACTED]  
 LLA :  
 EY 1771804 70BE 257 57025 R 068688 2D CE2487 5702572487EP  
 Standard Number: N5702517RCE2487  
 Incremental Funding For support of TI-83

MOD 22 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 23

7146 130064699800001 [REDACTED]  
 LLA :  
 EZ 1771804 60BA 257 00060 R 068732 2D C2BOWC 636327B1DP4P  
 Incremental funding for labor in the amount of [REDACTED] under TI-55 REV01.

7147 130064810300001 [REDACTED]

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LLA :

FA 2162035 A5X DQ MA 4 501ARJ M5 3101 0011034071 A 0026523 1 2 2 021001

Standard Number: MIPR 11034071

Incremental Funding for labor in the amount of [REDACTED] under TI-65 REV03.

7148 130064887700001 [REDACTED]

LLA :

FB 2172035 A5X DQ MA 4 501ARJ M5 3101 0011041060 A 0031080 1 2 2 021001

Standard Number: MIPR 11041060

Incremental funding for labor in the amount of [REDACTED] 0 under TI-65 REV03.

7149 130064768000001 [REDACTED]

LLA :

FC 1771319 84RR 251 V8000 0 050120 2D 000000 A00004027370

Incremental funding for Labor in the amount of [REDACTED] under TI-81.

7150 130064661200001 [REDACTED]

LLA :

FD 1771810 81DM 251 VU021 0 050120 2D 000000 A00004018512

Incremental funding for labor in the amount of [REDACTED] under TI-63 REV01

7151 130064750400001 [REDACTED]

LLA :

EA 1771804 8B2B 251 V7200 0 050120 2D 000000 A00004025667

Incremental Funding for Labor in the amount of [REDACTED] under TI-49 REV02

9127 130064810300002 [REDACTED]

LLA :

FA 2162035 A5X DQ MA 4 501ARJ M5 3101 0011034071 A 0026523 1 2 2 021001

Standard Number: MIPR 11034071

Incremental funding for support in the amount of [REDACTED] under TI-65 REV03.

9128 130064887700002 [REDACTED]

LLA :

FB 2172035 A5X DQ MA 4 501ARJ M5 3101 0011041060 A 0031080 1 2 2 021001

Standard Number: MIPR 11041060

Incremental funding for support in the amount of [REDACTED].00 under TI-65 REV03.

9129 130064661200002 [REDACTED]

LLA :

FD 1771810 81DM 251 VU021 0 050120 2D 000000 A00004018512

Incremental Funding for support in the amount of [REDACTED] under TI-63 REV01.

MOD 23 Funding [REDACTED]

Cumulative Funding [REDACTED]

MOD 24

7152 130064806400001 [REDACTED]

LLA :

FE 1771804 8B2B 251 VUS00 0 050120 2D 000000 A00004029965

Incremental funding for Labor in the amount of [REDACTED] under TI-71 REV02.

2410(a) Authority is hereby invoked.

7153 130064967800001 [REDACTED]

LLA :

FF 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00004041109

Incremental Funding for Labor in the amount of [REDACTED] under TI-47 REV02. 2410(a)

Authority is hereby invoked.

7154 130064967400001 [REDACTED]

LLA :

FG 1771810 81LT 251 VUS00 0 050120 2D 000000 A00004040730

Incremental funding for labor in the amount of [REDACTED] under TI-80.

7155 130065051400001 [REDACTED]

LLA :

FH 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00004046081

Incremental Funding for labor in the amount of [REDACTED] under TI-05 REV04. 2410(a)

Authority is hereby invoked.

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7156 130065060800001 [REDACTED]  
 LLA :  
 FJ 1771804 8B5B 251 VU021 0 050120 2D 000000 A00004047118  
 Incremental Funding for Labor in the amount of [REDACTED] under TI-60 REV03. 2410(a)  
 Authority is hereby invoked.

9130 130064967400002 [REDACTED]  
 LLA :  
 FG 1771810 81LT 251 VUS00 0 050120 2D 000000 A00004040730  
 Incremental funding for support in the amount of [REDACTED] under TI-80.

9131 130065060800002 [REDACTED]  
 LLA :  
 FJ 1771804 8B5B 251 VU021 0 050120 2D 000000 A00004047118  
 Incremental Funding for Support in the Amount of [REDACTED] under TI-60 REV03.  
 2410(a) Authority is hereby invoked.

MOD 24 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 25

7157 130065421400001 [REDACTED]  
 LLA :  
 FK 1771319 64PB 251 CV312 0 050120 2D 000000 A00004070173  
 Incremental funding for Labor in the amount of [REDACTED] under TI-73 REV01.

7158 130065439100001 [REDACTED]  
 LLA :  
 FL 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00004070653  
 Incremental funding for Labor in the amount of [REDACTED] under TI-71 REV03.  
 2410(a) Authority is hereby invoked.

7159 130065337800001 [REDACTED]  
 LLA :  
 FM 1771804 8B2B 251 V7200 0 050120 2D 000000 A00004065564  
 Incremental Funding for Labor in the amount of [REDACTED] under TI-59 REV02.  
 2410(a) Authority is hereby invoked.

7160 130065285200001 [REDACTED]  
 LLA :  
 FN 1771804 60BA 257 00060 R 068732 2D C3H2WC 218537E1BR4P  
 Incremental funding for Labor in the amount of [REDACTED] under TI-70 REV01. 2410(a)  
 Authority is hereby invoked.

7161 130065271700001 [REDACTED]  
 LLA :  
 FP 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00004060906  
 Incremental Funding for Labor in the amount of [REDACTED] under TI-84.

9132 130065285200002 [REDACTED]  
 LLA :  
 FN 1771804 60BA 257 00060 R 068732 2D C3H2WC 218537E1BR4P  
 Incremental funding for support in the amount of [REDACTED] under TI-70 REV01.  
 2410(a) Authority is hereby invoked.

9133 130065271700002 [REDACTED]  
 LLA :  
 FP 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00004060906  
 Incremental Funding for support in the amount of [REDACTED] under TI-84.

MOD 25 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 26 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

MOD 27

7162 130060891800004 [REDACTED]

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LLA :  
 FQ 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003717608  
 Incremental funding for Labor in the amount of [REDACTED] under TI-33 REV 01

7163 130064101200002 [REDACTED]  
 LLA :  
 FR 97X4930 NH1Q 251 77777 0 050120 2F 000000 A00003978291  
 Incremental funding for labor in the amount of [REDACTED] under TI-77  
 REV01

7164 130065874300001 [REDACTED]  
 LLA :  
 FS 1771804 8B5B 251 VUS00 0 050120 2D 000000 A00004097054  
 Incremental funding for labor in the amount of [REDACTED] under TI-71 REV01. USC  
 2410(a) Authority Hereby Invoked.

7165 130066071800001 [REDACTED]  
 LLA :  
 FT 1771804 70BE 257 57025 R 068688 2D CA2502 5702572502AP  
 Standard Number: N5702517RCA2502  
 Incremental funding for labor in the amount of [REDACTED] under TI-87. USC 2419(a)  
 Authority is hereby invoked.

7166 130066071500001 [REDACTED]  
 LLA :  
 FU 1771804 60BA 257 00060 R 068732 2D C3BFWC 231707E1BR4P  
 Standard Number: N0006017RC3BFWC  
 Incremental funding for labor in the amount of [REDACTED] under TI-87. USC 2410(a)  
 Authority is hereby invoked.

9134 130060891800005 [REDACTED]  
 LLA :  
 FQ 1771319 H4RL 255 SB397 0 050120 2D 000000 A00003717608  
 Incremental funding for support in the amount of [REDACTED] under TI-31 REV01.

9135 130066071800002 [REDACTED]  
 LLA :  
 FT 1771804 70BE 257 57025 R 068688 2D CA2502 5702572502AP  
 Standard Number: N5702517RCA2502  
 Incremental funding for Support in the amount of [REDACTED] under TI-87. USC 2410(a)  
 authority is hereby invoked.

9136 130066071500002 [REDACTED]  
 LLA :  
 FU 1771804 60BA 257 00060 R 068732 2D C3BFWC 231707E1BR4P  
 Standard Number: N0006017RC3BFWC  
 Incremental funding for support in the amount of [REDACTED] under TI-87. USC 2410(a)  
 Authority is hereby invoked.

MOD 27 Funding [REDACTED]  
 Cumulative Funding [REDACTED]

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## **SECTION H SPECIAL CONTRACT REQUIREMENTS**

## **SECTION H SPECIAL CONTRACT REQUIREMENTS**

### **H-5 Task Order Process.**

Ombudsman Description.

The Local Warfare Center Site Deputy for Small Business has been designated as the NAVSEA and related Program Executive Offices Ombudsman for this task order. The NSWCPD Ombudsman will review complaints from the contractors and ensure that all contractors are afforded a fair opportunity to be considered, consistent with the procedures in the task order. Complaints to the NSWCPD Ombudsman must be forwarded to:

Ms. Irene Katacinski

Email: [irene.katacinski@navy.mil](mailto:irene.katacinski@navy.mil)

Telephone: 215-897-7596

### **CAR H11 – CONTRACTOR PERSONNEL SECURITY REQUIREMENTS (DEC 2014)**

a. In accordance with SECNAVM-5510.30 Chapters 5 and 6, all Contractor personnel that require access to Department of Navy (DON) information systems and/or work on-site are designated Non-Critical Sensitive/IT-II positions, which require an open investigation or favorable adjudicated National Agency Check (NACLC) by the Industrial Security Clearance Office (DISCO). Investigations should be completed using the SF-86 Form and the SF-87 finger print card. An interim clearance can be granted by the company Security Officer and recorded in the Joint Personnel Adjudication System (JPAS). An open or closed investigation with a favorable adjudication is required prior to issuance of a badge providing access to NSWCPD sites and buildings. If an unfavorable adjudication is determined by DISCO all access will be terminated. For Common Access Card (CAC) card you must have a favorably adjudicated investigation, or a final security clearance. A CAC Card will not be issued to contractors who have an interim security clearance.

b. Within 30 days after task order award, the Contractor shall submit a list of all Contractor personnel, including subcontractor employees, who will have access to DON information systems and/or work on-site at one of the NSWCPD sites to the appointed Contracting Officer Representative (COR) via email. The Contractor shall provide each employee's first name, last name, task order number, the NSWCPD technical code, work location, whether or not the employee has a CAC card and/or swipe card, the systems the employee can access (i.e., NMCI, RDT&E), and the name of the Contractor's local point of contact, phone number and email address. Throughout the period of performance of the task order, the Contractor shall immediately provide any updated information to the COR when any Contractor personnel changes occur including substitutions or departures.

### **5252.242-9115 TECHNICAL INSTRUCTIONS (APR 1999)**

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(a) Performance of the work hereunder may be subject to written technical instructions signed by the Contracting Officer's Representative specified in Section G of this task order. As used herein, technical instructions are defined to include the following:

(1) Directions to the Contractor which suggest pursuit of certain lines of inquiry, shift work emphasis, fill in details or otherwise serve to accomplish the contractual statement of work.

(2) Guidelines to the Contractor which assist in the interpretation of drawings, specifications or technical portions of work description.

(b) Technical instructions must be within the general scope of work stated in the task order. Technical instructions may not be used to: (1) assign additional work under the task order; (2) direct a change as defined in the "CHANGES" clause of this task order; (3) increase or decrease the task order price or estimated contract amount (including fee), as applicable, the level of effort, or the time required for task order performance; or (4) change any of the terms, conditions or specifications of the task order.

(c) If, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the task order or is inconsistent with this requirement, the Contractor shall notify the Contracting Officer in writing within ten (10) working days after the receipt of any such instruction. The Contractor shall not proceed with the work affected by the technical instruction unless and until the Contractor is notified by the Contracting Officer that the technical instruction is within the scope of this task order.

(d) Nothing in the foregoing paragraph shall be construed to excuse the Contractor from performing that portion of the contractual work statement which is not affected by the disputed technical instruction.

**(End of Text)**

#### **SEA 5252.232-9104 ALLOTMENT OF FUNDS– ALTERNATE I (JAN 2008)**

(a) This task order is incrementally funded with respect to both cost and fee. The Amounts presently available and allotted to this task order for payment of base fee, if any, and award fee are set forth below. Base fee amount is subject to the clause entitled "FIXED FEE"(FAR 52.216-8). Award fee amount is subject to the requirements delineated in. The amount(s) presently available and allotted to this task order for payment of cost for incrementally funded CLINs/SLINs is set forth below. As provided in the clause of this task order entitled "LIMITATION OF FUNDS" (FAR 52.232-22), the CLINs/SLINs covered thereby, and the period of performance for which it is estimated the allotted amount(s) will cover are as follows:

ESTIMATED

ITEM(S)	ESTCOST	BASE FEE	AWARDFEE	PERIOD OF PERFORMANCE
	\$	\$	\$	

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

(c) CLINs/SLINs are fully funded and performance under these CLINs/SLINs is subject to the clause of this task order entitled "LIMITATION OFCOST" (FAR 52.232-20).

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

(End of Text)

#### **ORGANIZATIONAL CONFLICT OF INTEREST**

Clause HQ C-2-0037 "Organizational Conflict of Interest" (NAVSEA) (JUL 2000) is hereby invoked in accordance with the Basic Contract.

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**HQ-L-2-0005 NOTIFICATION OF POTENTIAL ORGANIZATIONAL CONFLICT(S) OF INTEREST  
(NAVSEA) (JUN 1994)**

(a) Offerors are reminded that certain existing contractual arrangements may preclude, restrict or limit participation, in whole or in part, as either a subcontractor or as a prime contractor under this competitive procurement. Of primary concern are those contractual arrangements in which the Offeror provides support to the Naval Surface Warfare Center, Philadelphia, PA or related laboratories (if applicable), in support of operation of the office or any of its programs. General guidance may be found in FAR 9.505; however, this guidance is not all inclusive. The Offeror's attention is directed to the "Organizational Conflict of Interest" (or similar) requirement which may be contained in current or completed contract(s) which prohibits the prime or subcontractor from providing certain supplies or services to the Government as described above during the period of the current "support" contract(s) or for a period after completion of the "support" contract(s). Notwithstanding the existence or non-existence of an Organizational Conflict of Interest (OCI) clause or similar requirement in current or completed contract(s), the offeror shall comply with FAR 9.5 and identify whether an OCI exists and not rely solely on the presence of an OCI requirement.

(b) If a potential conflict of interest exists at any tier, each potential prime offeror is requested to notify the Contracting Officer within 14 days of the date of this solicitation. The Offeror shall provide: (1) the contract number and name and phone number of the Contracting Officer for the contract which gives rise to a potential organizational conflict of interest; (2) a copy of the requirement; (3) the statement of work (or technical instruction) from the existing contract; (4) a brief description of the type of work to be performed by each subcontractor under the competitive procurement; and (5) any additional information the Contracting Officer should consider in making a determination of whether a conflict of interest exists. The Government may independently verify the information received from the offeror. Notwithstanding the above, the Government reserves the right to determine whether a conflict of interest exists based on any information received from any source.

(c) The Government will notify an offeror of any conflict of interest within 14 days of receipt of all required information. Those offerors deemed to have a conflict of interest may be ineligible for award. Failure to provide the information in a timely manner does not waive the Government's rights to make a conflict of interest determination. The offeror is notified that if it expends time and money on proposal preparation, such expenditure is at its own risk that the Government will not determine that an organizational conflict of interest exists.

(d) Any potential prime contractor which proposes a subcontractor later determined to have a conflict of interest and deemed ineligible to participate in the current competition, may not be granted the opportunity to revise its proposal to remove the ineligible subcontractor. The Government reserves the right to determine which offerors remain in the competitive range through the normal source selection process.

(e) If the offeror determines that a potential organizational conflict of interest does not exist at any tier, the offeror shall include a statement to that effect in its response to this solicitation.



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## SECTION I CONTRACT CLAUSES

### 52.217-9 -- OPTION TO EXTEND THE TERM OF THE CONTRACT. (MAR 2008)

- (a) The Government may extend the term of this contract by written notice to the Contractor within 30 days prior to completion of the base period; 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.

### 52.222-2 PAYMENT FOR OVERTIMEPREMIUMS (JUL 1990)

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

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

(End of Clause)

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## **SECTION J LIST OF ATTACHMENTS**