

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE U	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 17	3. EFFECTIVE DATE 07-Dec-2018	4. REQUISITION/PURCHASE REQ. NO. 1300753372 and 1300560655		5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY NSWC, CRANE DIVISION 300 Highway 361 - Building 3373 Crane IN 47522-5001	CODE N00164	7. ADMINISTERED BY (If other than Item 6) DCMA Baltimore 217 EAST REDWOOD STREET, SUITE 1800 BALTIMORE MD 21202-3375		CODE	S2101A SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) CSRA LLC 1201 M. Street SE, Suite 400 Washington DC 20003		9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-04-D-4030-EH07
		10B. DATED (SEE ITEM 13) 27-Jul-2016
CAGE CODE 8X463	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

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

(*)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	D. OTHER (Specify type of modification and authority) Funding - 52.232-22; NAVSEA 5252.232-9104

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

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY _____	(Signature of Contracting Officer)

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

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GENERAL INFORMATION

The purpose of this modification is to 1. move ceiling and hours from CLIN 7000 to CLIN 7200; 2. add approved substitution of key personnel and 3. add incremental funding. Accordingly, said Task Order is modified as follows:

1. Decrease CLIN 7000 hours from 345,600 to 215,659 and ceiling from \$24,825,471.00 to \$21,550,849.00. Increase OY2 CLIN 7200 hours from 345,600 to 475,541 and ceiling from \$25,364,598.00 to \$28,639,220.00.
2. Per NAVSEA 5252.237-9106 SUBSTITUTION OF PERSONNEL (SEP 1990), Notification and explanation of key personnel change circumstances was received in writing by the government on the proposed substitution of 2 key personnel positions. The approved substitutions is to replace in the position of Task 7 Lead and to replace in the position of Task 4 Lead. These actions are now approved.
3. Added Incremental Funding.

A conformed copy of this Task Order is attached to this modification for informational purposes only.

The Line of Accounting information is hereby changed as follows:

The total amount of funds obligated to the task is hereby increased from \$76,428,205.00 by \$14,727,227.00 to \$91,155,432.00.

CLIN/SLIN	Type Of Fund	From (\$)	By (\$)	To (\$)
720011	SCN	0.00	14,246,759.00	14,246,759.00
720103	RDT&E	0.00	4,000.00	4,000.00
920003	SCN	0.00	476,468.00	476,468.00

The total value of the order is hereby increased from \$97,136,460.30 by \$0.00 to \$97,136,460.30.

CLIN/SLIN	From (\$)	By (\$)	To (\$)
7000	24,825,471.00	(3,274,622.00)	21,550,849.00
7200	25,364,598.00	3,274,622.00	28,639,220.00

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

CLIN/SLIN	From	To
7203AB	7/27/2018 - 12/31/2018	7/27/2018 - 2/28/2019
9203AB	7/27/2018 - 12/31/2018	7/27/2018 - 2/28/2019

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7000	R499	PMS 501 and 505 Support - Base Year (Tasks 1-10) (See Note A) (TBD) (Fund Type - TBD)		LH			\$21,550,849.00
700001	R499	PMS 501 and 505 Support - Base Year (Tasks 1-10) (SCN)					
700002	R499	PMS 501 and 505 Support - Base Year (Tasks 1-10) (SCN)					
700003	R499	PMS 501 and 505 Support - Base Year (Tasks 1-10) (SCN)					
700004	R499	PMS 501 and 505 Support - Base Year (Tasks 1-10) (SCN)					
700005	R499	PMS 501 and 505 Support - Base Year (Tasks 1-10) (O&MN,N)					
700006	R499	PMS 501 and 505 Support - Base Year (Tasks 1-10) (O&MN,N)					
700007	R499	PMS 501 and 505 Support - Base Year (Tasks 1-10) (O&MN,N)					
700008	R499	PMS 501 and LCS Program PSS Contract AMD. (RDT&E)					
700009	R499	PMS 501 and LCS Program PSS Contract AMD. (RDT&E)					
700010	R499	PMS 505 FY17 Funding. Professional Support Services to PEO LCS. (O&MN,N)					
7001	R499	PMS 501 and 505 Surge Support - Base Year (Task 11 - Surge) (See Notes A, B and C) (Fund Type - TBD)		LH			\$928,218.34
700101	R499	Labor funding applied in support of TI-01 - LCS 13 OWLD OCT 2018					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
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(SCN)

700102 R499 Labor funding in support of PMS 505, TI-03 Propulsion Operation Guide (POG). *NOTE:* De-obligated \$59,771.00 on Mod 05 from \$668,000.00 to new balance of \$608,229.00. This SLIN is extended to 1-31-2018. (O&MN,N)

700103 R499 Labor funding for the LCS Program PSS Contract. *NOTE:* De-obligated \$15,000.00 on Mod 05 from \$55,368.00 to new balance of \$40,368.00. (SCN)

For Cost Type / NSP Items

7002 Data Items - Not Separately Price CLIN (See Note F) LO

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7100	R499	PMS 501 and 505 Support - Option Year 1 (Tasks 1-10) (See Notes A and B) (TBD) (Fund Type - TBD)		LH			\$27,896,475.00
710001	R499	Funding to award Option Year 1 for PMS 501 funding (SCN)					
710002	R499	Funding to award Option Year 1 for PMS 505 funding. *Note* 2410(a) Authority is hereby Invoked. (O&MN,N)					
710003	R499	Funding to award Option Year 1 for PMS 505 funding. Applicable SOW Sections: 1.0,2.0,8.0,9.0 and 10.0. *Note* 2410(a) Authority is hereby Invoked. (O&MN,N)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
710004	R499	Applicable SOW Sections: 1.0,2.0,8.0,9.0 and 10.0. *Note* 2410(a) Authority is hereby Invoked. (O&MN,N)					
710005	R499	Funding to award Option Year 1 for PMS. Applicable SOW Sections: 1.0,2.0,8.0,9.0 and 10.0. *Note* 2410(a) Authority is hereby Invoked. (O&MN,N)					
710006	R499	Funding to award Option Year 1 for PMS. Applicable SOW Sections: 1.0,2.0,8.0,9.0 and 10.0. *Note* 2410(a) Authority is hereby Invoked. (O&MN,N)					
710007	R499	Funding to award Option Year 1 for PMS. Applicable SOW Sections: 1.0,2.0,8.0,9.0 and 10.0. *Note* 2410(a) Authority is hereby Invoked. (O&MN,N)					
710008	R499	Funding to award Option Year 1 for PMS. Applicable SOW Sections: 1.0,2.0,8.0,9.0 and 10.0. *Note* 2410(a) Authority is hereby Invoked. (RDT&E)					
710009	R499	Funding to award Option Year 1 for LCS Program PSS Contract. *Note* 2410(a) Authority is hereby Invoked. (RDT&E)					
710010	R499	Funding to award Option Year 1 for LCS Seaframe Simulator Support. Applicable SOW Sections: 1.0,2.0,8.0,9.0 and 10.0. *Note* 2410(a) Authority is hereby Invoked. (OPN)					
710011	R499	Funding to award Option Year 1 for					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		Contractor support of Littoral Combat Ships shore-based battle spares. *Note* 2410(a) Authority is hereby Invoked. (OPN)					
710012	R499	Funding for Option Year 1 Labor on the Professional Support Services (PSS) Contract, AMD 0006. Applicable SOW Sec C, 1.1, 2.1, and 3.1. LCS 27 OWLD January 2024. (SCN)					
710013	R499	Engineering and Technical support of Littoral Combat Ships CLIN 7100 PEO LCS. (OPN)					
710014	R499	Professional Support Services CLIN 7100 to PEO LCS. (O&MN,N)					
7101	R499	PMS 501 and 505 Surge Support - Option Year 1 (Task 11 - Surge) (See Notes A, B, and C) (TBD) (Fund Type - TBD)		LH			\$2,297,962.35
710101	R499	Funding to award option year 1 for the LCS Program PSS Contract. (RDT&E)					
710102	R499	Funding to award option year 1 for the LCS Program PSS Contract. TI-6 REV 1 PoP ends 31 March 2018. (RDT&E)					
710103	R499	Funding for Applicable SOW Sections - 1.0,2.0,8.0,9.0 and 10.0 *Note* 2410(a) Authority is hereby Invoked. POP ends 30 DEC 2017. (O&MN,N)					
710104	R499	Funding for Applicable SOW Sections - 11.0. *Note* 2410(a) Authority is hereby Invoked. (Surge). POP ends 30 NOV 2017. (O&MN,N)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
710105	R499	Funding for Professional Support Services (PSS). SID PEO LCS-31. TI-8 REV 2 PoP ends 30 April 2018. (RDT&E)					
710106	R499	Funding for Professional Support Services (PSS). SID PEO LCS-31. TI-8 REV 2 PoP ends 30 April 2018. (RDT&E)					
710107	R499	Funding for support of Condition Based Maintenance (CBM) and Phase II for TI-9 (O&MN,N)					
710108	R499	Funding for support of Sensor Repair for TI-10 (O&MN,N)					
710109	R499	Funding for CLIN 7101 Professional Support Services PEO LCS. (O&MN,N)					
710110	R499	Funding for Labor on the Professional Support Services (PSS) TI-12 LCS 17. (SCN)					
7110	R499	FMS Funding Labor for Professional Support Services in support of the Saudi Naval Expansion Program (SNEP). (FMS Case #SR-P-SBV)		LH			\$810,361.00
711001	R499	FMS Labor Funding for Professional Support Services in support of the Saudi Naval Expansion Program (SNEP). *Note* 2410(a) Authority is hereby Invoked. POP ends 26 JULY 2018. (FMS)					
711002	R499	FMS Funding for Professional Support Services in support of the Saudi Naval Expansion Program (SNEP). *Note* 2410(a) Authority is hereby Invoked. POP ends 26 JULY 2018. (FMS)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7111	R499	FMS MMSC Case Funding Labor for Professional Support Services in support of the Saudi Naval Expansion Program (SNEP). (FMS Case #SR-P-SBV)		LO			\$340,000.00
711101	R499	FMS-MMSC Case Funding for Professional Support Services in support of the Saudi Naval Expansion Program (SNEP). PoP ends 7-26-2018 (FMS)					
7200	R499	PMS 501 and 505 Support - Option Year 2 (Tasks 1-10) (See Notes A and B) (TBD) (Fund Type - TBD)		LH			\$28,639,220.00
720001	R499	PMS 501. LCS 27 OWLD Feb 2024 (SCN)					
720002	R499	PMS 505 LCS In-service Maintenance. FY18 *NOTE* Invoke 2410(a) Authority. POP ends 26 July 2019. (O&MN,N)					
720003	R499	LCS Program PSS Contract. SID PEO LCS. *NOTE* Invoke 2410(a) Authority. POP ends 26 July 2019. (RDT&E)					
720004	R499	PMS 505. Funding for Option Year 2 of the PSS contract. *NOTE* Invoke 2410(a) Authority. POP ends 26 July 2019. (O&MN,N)					
720005	R499	PMS 505. Funding for Option Year 2 of the PSS contract. *NOTE* Invoke 2410(a) Authority. POP ends 26 July 2019. (O&MN,N)					
720006	R499	PMS 505. Funding for Option Year 2 of the PSS contract. *NOTE* Invoke 2410(a) Authority. POP ends 26 July 2019. (O&MN,N)					
720007	R499	PMS 505. Funding for Option Year 2 of the PSS contract. *NOTE* Invoke 2410(a) Authority. POP ends 26					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		July 2019. (O&MN,N)					
720008	R499	PMS 505. Funding for Option Year 2 of the PSS contract. *NOTE* Invoke 2410(a) Authority. POP ends 26 July 2019. (O&MN,N)					
720009	R499	PMS 505. Funding for Option Year 2 of the PSS contract. *NOTE* Invoke 2410(a) Authority. POP ends 26 July 2019. (O&MN,N)					
720010	R499	PMS 505. Funding for Option Year 2 of the PSS contract. *NOTE* Invoke 2410(a) Authority. POP ends 26 July 2019. (O&MN,N)					
720011	R499	Funding for Option Year 2 of the PSS contract. (SCN)					
7201	R499	PMS 501 and 505 Surge Support - Option Year 2 (Task 11 - Surge) (See Notes A, B, and C) (TBD) (Fund Type - TBD)		LH			\$2,196,824.87
720101	R499	FMS Admin in support of the Multi Mission Surface Combatant. (MMS) case execution services. *NOTE* Invoke 2410(a) Authority. POP ends 26 July 2019. (FMS)					
720102	R499	FMS Case Funding Labor. PS-R-W44. (FMS)					
720103	R499	To support Professional Support Services for PMS 505. (RDT&E)					
7202	R499	PMS 501 and 505 Support for Non-Severable TI-11Rev1 and TI-14 (Fund Type - TBD)		EA			\$290,941.74
7203		PMS 501 and 505 Support for Non-Severable TI-11R1 and TI-14					\$2,773,865.00

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7203AA	R499	Support of LCS ships and PMS 501 Professional Support Services (PSS)for Non-Severable TI-14. *NOTE* Invoking 2410a Authority. (O&MN,N)		LO			\$2,450,000.00
7203AB	R499	PMS 505 Professional Support Services for Non-Severable TI-11 REV 1. WCD 7-26-19. (O&MN,N)		LO			\$323,865.00
7300	R499	PMS 501 and 505 Support - Option 3, (Task 1-10) (See Notes A & B) (TBD) (Fund Type - TBD) Option		LH			\$25,638,536.00
7301	R499	PMS 501 and 505 Surge Support - Option 3 (Task 11 - Surge) (See Notes A, B, and C) (TBD) (Fund Type - TBD) Option		LH			\$2,875,856.00
7400	R499	PMS 501 and 505 Support - Option 4 (Task 1-10) (See Notes A & B) (TBD) (Fund Type - TBD) Option		LH			\$25,915,431.00
7401	R499	PMS 501 and 505 Surge Support - Option 4 (Task 11 -Surge) (See Notes A, B and C) (TBD) (Fund Type - TBD) Option		LH			\$2,906,915.00

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Cost
9000	R499	ODC in support of CLIN 7000 and 7001 (See Notes B and D) (TBD) *NOTE* Increased ceiling on Mod 05 from \$3,036,047 by \$100,000 to \$3,136,047 to accommodate the Surge ODC of the base year period of performance ending 7-26-2017. *NOTE* Decreased ceiling on Mod 07 from \$3,136,047 by \$15,000 to \$3,121,047 to move and support FMS ODC CLIN 9110 of the Option Year period of performance ending 7-26-2018. *NOTE* Decreased ceiling on Mod 07 from \$3,121,047 by \$5,200 to \$3,115,847 to move and support	1.0	LO	\$3,115,847.00	

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Item	PSC	Supplies/Services	Qty	Unit	Est.	Cost
		CLIN 9100 of the Option Year period of performance ending 7-26-2018. (Fund Type - TBD)				
900001	R499	ODC in support of CLIN 7000 and 7001 (See Notes B and D) (SCN)				
900002	R499	ODC for the LCS Program PSS Contract. (SCN)				
900003	R499	ODC FY17 funding for Professional Support Services to PEO LCS. (O&MN,N)				
900004	R499	ODC FY17 funding for Professional Support Services to PEO LCS Program PSS Contract. This SLIN is extended to 1-31-2018. (O&MN,N)				
900005	R499	ODC FY17 funding for Professional Support Services to PEO LCS Program PSS Contract. (SCN)				
9100	R499	ODC in support of CLIN 7100 and 7101 (See Notes B and D) (TBD). *NOTE* Decreased ceiling on Mod 07 from \$3,121,047 by \$5,200 to \$3,115,847 to move and support CLIN 9100 of the Option Year period of performance ending 7-26-2018. *NOTE* Increased ceiling from \$3,038,900 by \$132,896 to \$3,171,796 to support increased travel on CLIN 9100. *NOTE* increased ceiling from \$3,171,796 by \$26,280 to \$3,198,076 to support CLIN 9100. The PoP of the Option Year ends 7-26-2018. (Fund Type - TBD)	1.0	LO	\$3,198,076.00	
910001	R499	ODC funding to award Option Year 1 for PMS 501 funding. (SCN)				
910002	R499	ODC funding to award Option Year 1 for PMS 505 funding. *Note* 2410(a) Authority is hereby Invoked. (O&MN,N)				
910003	R499	ODC funding to award Option Year 1 for the LCS Program PSS Contract. (RDT&E)				
910004	R499	ODC funding applicable for SOW Sections 1.0,2.0, 8.0,9.0 and 10.0 *Note* 2410(a) Authority is hereby Invoked. POP ends 26 JUL 2018. (O&MN,N)				
910005	R499	ODC funding for Condition Based Maintenance (CBM) and Phase II (O&MN,N)				
910006	R499	ODC funding for support of Sensor Repair (O&MN,N)				
910007	R499	ODC funding for support of Professional Support Services to PEO LCS. (O&MN,N)				
910008	R499	ODC funding for the Professional Support Services (PSS) TI-12 LCS 17. (SCN)				
9110	R499	FMS funding for ODC of the Option Year period of performance ending 7-26-2018. (FMS Case #SR-P-SBV)	1.0	LO	\$15,000.00	
911001	R499	FMS Admin funding for Professional Support Services Labor in support of the Saudi Naval Expansion Program (SNEP) *Note* 2410(a) Authority is hereby Invoked. POP ends 26 JULY 2018. (FMS)				
9111	R499	ODC FMS Case Funding for Professional Support Services in support of the Saudi Naval Expansion Program (SNEP). PoP ends 7-26-2018 (FMS Case #PS-R-W44)	1.0	LO	\$0.00	
9200	R499	ODC in support of CLIN 7200. (See Notes B and D) (TBD) (Fund Type - TBD)	1.0	LO	\$2,967,920.00	

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
920001	R499	PMS 501. LCS 27 OWLD Feb 2024 (SCN)			
920002	R499	PMS 505. ODC in support of LCS In-service Maintenance. *NOTE* Invoking 2410(a) Authority. POP ends 26 July 2019. (O&MN,N)			
920003	R499	ODC in support of Professional Support Services. (SCN)			
9202	R499	ODC in support of CLIN 7202 Non-Severable TI-11R1 and TI-14 (Fund Type - TBD)	1.0	LO	\$0.00
9203		ODC in support of CLIN 7202 Non-Severable TI-11R1 and TI-14			\$64,900.00
9203AA	R499	ODC support of LCS ships and PMS 501 Professional Support Services (PSS) for Non-Severable TI-14.*NOTE* Invoking 2410a Authority. (O&MN,N)	1.0	LO	\$50,000.00
9203AB	R499	ODC in support of PMS 505 and CLIN 7202 Non-Severable TI-11 REV 1. WCD 7-26-19. (O&MN,N)	1.0	LO	\$14,900.00
9210	R499	FMS ODC funding in support of CLIN 7201 and Option Year 2 period of performance ending 7-26-2019. (FMS Case #PS-R-W44)	1.0	LO	\$50,000.00
921001	R499	FMS ODC funding in support of CLIN 7201 for Option Year 2 period of performance ending 7-26-2019. (FMS)			
9300	R499	ODC in support of CLIN 7300 and 7301 (See Notes B and E) (TBD) (Fund Type - TBD) Option	1.0	LO	\$3,032,820.00
9400	R499	ODC in support of CLIN 7400 and 7401 (See Notes B and D) (TBD) (Fund Type - TBD) Option	1.0	LO	\$3,032,820.00

NOTE A: LEVEL OF EFFORT

For Labor Items, Offerors shall propose man-hours specified in Section B to perform the requirements of the Statement of Work provided for the period of performance specified in SECTION F. The PAYMENT OF FEES(S) (LEVEL OF EFFORT) clause and LEVEL OF EFFORT clause apply to these Items. Subcontractor Labor shall be billed under these line items.

NOTE B: OPTION

Option Item to which the OPTION clause in SECTION I applies and which is to be supplied only if, and to the extent, said Option is exercised.

NOTE C: SURGE

If, as a result of unforeseen Program circumstances or in the event of a gap in Navy civilian personnel, the Government requirements increase, the Government reserves the right to exercise a "surge" Option CLIN for temporary staff for additional work under the SOW. The Contracting Officer may exercise this Surge Option Item for up to 38,400 manhours by providing written notice to the Contractor at least 60 calendar days prior to exercise of the surge Option Item. Surge Option Items are to be priced for 38,400 manhours per year.

NOTE D: OTHER DIRECT COST

The Government estimates ODCs inclusive of travel costs for this Task Order for the Base Year to be no more than \$2,000,000 in the Base Year (CLIN 9000), no more than \$2,000,000 in Option Year 1 (CLIN

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9100), no more than \$2,000,000 in Option Year 2 (CLIN 9200), no more than \$2,000,000 in Award Term 1 (CLIN 9300), and no more than \$2,000,000 in Award Term 2 (CLIN 9400). This Government estimate must be included in, and form the basis for, Section B of the offer for each ODC CLIN, and Offerors shall apply any applicable burdens on top of the Government estimate. Other ODC amounts proposed by an offeror shall be included in said CLINs and the narrative rationale provided by the offeror. These Items are non-fee bearing CLINs and shall be priced as cost-only. Non-fee bearing refers to fee (i.e., profit), not to allowable indirect costs or burdens.

NOTE E: AWARD TERM - Note removed on mod 03

NOTE F: NOT SEPARATELY PRICED

Price for NSP items shall be included in the price of Labor CLIN(s). Offer shall proposed \$0.00 for this Line Item.

FEE INSTRUCTIONS (Applicable to all Incentive Fee Line Items (7000, 7100, 7200, 7300, 7400)) - Instructions removed on mod 03

CLAUSES INCORPORATED IN FULL TEXT:

HQ B-2-0020 TRAVEL COSTS - ALTERNATE I (NAVSEA) (DEC 2005)

- (a) Except as otherwise provided herein, the Contractor shall be reimbursed for its reasonable actual travel costs in accordance with FAR 31.205-46. The costs to be reimbursed shall be those costs accepted by the cognizant DCAA.
- (b) Reimbursable travel costs include only that travel performed from the Contractor's facility to the worksite, in and around the worksite, and from the worksite to the Contractor's facility.
- (c) Relocation costs and travel costs incident to relocation are allowable to the extent provided in FAR 31.205-35; however, Contracting Officer approval shall be required prior to incurring relocation expenses and travel costs incident to relocation.
- (d) The Contractor shall not be reimbursed for the following daily local travel costs: (i) travel at U.S. Military Installations where Government transportation is available, (ii) travel performed for personal convenience/errands, including commuting to and from work, and (iii) travel costs incurred in the replacement of personnel when such replacement is accomplished for the Contractor's or employee's convenience.

CONTRACT SUMMARY FOR PAYMENT OFFICE (COST TYPE) (NAVSEA) (FEB 1997)

This entire contract is cost type.

<u>Line Item</u>	<u>Contract Type</u>
7000, 7100, 7200, 7300, 7400	CPFF
7001, 7101, 7110, 7111, 7201, 7202, 7203, 7301, 7401	CPFF
9000, 9100, 9200, 9203, 9300, 9400	Cost-Only

EXPEDITING CONTRACT CLOSEOUT (NAVSEA) (DEC 1995)

- (a) As part of the negotiated fixed price or total estimated amount of this contract, both the Government and

the Contractor have agreed to waive any entitlement that otherwise might accrue to either party in any residual dollar amount of \$500 or less at the time of final contract closeout. The term "residual dollar amount" shall include all money that would otherwise be owed to either party at the end of the contract, except that, amounts connected in any way with taxation, allegations of fraud and/or antitrust violations shall be excluded. For purposes of determining residual dollar amounts, offsets of money owed by one party against money that would otherwise be paid by that party may be considered to the extent permitted by law.

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

LIMITATION OF COST OR LIMINATION OF FUNDS LANGUAGE

The clause entitled "LIMITATION OF COST" (FAR 52.232-20) or "LIMITATION OF FUNDS" (FAR 52.232-22), as appropriate, shall apply separately and independently to each separately identified estimated cost.

CLIN	Hrs	Avg Hrly Rate	Fixed Fee Rate	Fixed Fee Costs	Costs	Total
7000						
7100						
7200						
7300						
7400						
Total						
CLIN	Hrs	Avg Hrly Rate	Fixed Fee Hrly Rate	Fixed Fee Costs	Estimated Costs	Total
7001						
7101						
7201						
7202						
7301						
7401						
Total						

HQ B-2-0015 PAYMENTS OF FEE(S) (LEVEL OF EFFORT - ALTERNATE 1) (NAVSEA) (MAY 2010)

(a) For purposes of this contract, "fee" means "target fee" in cost-plus-incentive-fee type contracts, "base fee"

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in cost-plus-award-fee type contracts, or "fixed fee" in cost-plus-fixed-fee type contracts for level of effort type contracts.

(b) The Government shall make payments to the Contractor, subject to and in accordance with the clause in this contract entitled "FIXED FEE" (FAR 52.216-8) or "INCENTIVE FEE", (FAR 52.216-10), as applicable. Such payments shall be submitted by and payable to the Contractor pursuant to the clause of this contract entitled "ALLOWABLE COST AND PAYMENT" (FAR 52.216-7), subject to the withholding terms and conditions of the "FIXED FEE" or "INCENTIVE FEE" clause, as applicable, and shall be paid at the hourly rate(s) specified above per man-hour performed and invoiced. Total fee(s) paid to the Contractor shall not exceed the fee amount(s) set forth in this contract. In no event shall the Government be required to pay the Contractor any amount in excess of the funds obligated under this contract.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

PURPOSE

PMS 501 and PMS 505 require a well-integrated and experienced Contractor to assist the Program Offices. Contractor shall provide expertise in the areas of Program Management, Business and Financial Management Planning and Execution, Systems Engineering, Mission Systems Engineering, Production Planning and Engineering, Test and Evaluation Engineering, Life Cycle Engineering Support, Baseline Management, Mission Readiness, and Fleet Introduction and Lifetime Support. These tasks shall be executed in Washington DC; Marinette, Wisconsin; Mobile, Alabama; San Diego, California; Mayport, Florida and Bath, Maine as required.

GENERAL

1. Contractor's monthly report of accomplishments is an indication whether the Task Manager was satisfied or not satisfied based upon customer feedback.
2. The Contractor shall ramp up, have its team in place and fully functioning within 90 days of award. The Contractor's team shall align itself to the program with an efficient mix of personnel utilizing an effective combination of experience and technical expertise. The Contractor shall provide an adaptable, flexible team structure that is best suited to accomplishing both planned and emergent tasks. Emphasis shall be placed on a team structure that also maximizes productivity, efficiency, and accountability within the funds provided by the Government.
3. The Contractor must execute the scope of work in a manner that provides for high quality, timely and well-integrated services which incorporates the proper mix and demonstrates the most effective use of personnel.

The Contractor shall:

1. Provide capability to archive and store historical documentation. The storage capacity requirement is approximately 600 square feet and be within approximately one mile or 15 minutes walking distance to Washington Navy Yard.
2. Have capability to receive, log, and track classified documents.
3. Have electronic mail capability and have the necessary connectivity to communicate with PMS 501 and PMS 505 team members. MS Outlook mail is preferred in order to communicate and coordinate meetings and schedules with PMS 501 and PMS 505. The Contractor must have the capacity to interface via electronic mail and provide Internet addresses for all employees proposed.
4. Have capacity to interface and access Navy websites and Data Repositories. All employees performing this task are required to access project workspaces and document archives that are germane to the performance of this task. The Contractor is responsible to identify the number and type of NMCI seats needed for their own use to fulfill the requirements. The Contractor will negotiate and procure NMCI seats directly from the NMCI vendor. Responsibility for administration of PMS 501 and PMS 505 NMCI seats remains with the Government. NMCI compatible Common Access Cards (CAC) will be required to support email encryption.
5. Provide on-site classified, up to Secret, and unclassified conference rooms and associated facilities for holding Strategic Planning, Government sponsored meetings, teleconferencing,

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video teleconferencing and briefings for PMS 501 and PMS 505 program personnel. Conference rooms and facilities should be within 15 minutes walking distance from the Washington Navy Yard (WNY). The Contractor shall have three conference rooms and be able to conduct at least three (3) meetings simultaneously. The capacity for at least one of the three conference rooms shall be for 55 people. The remaining two conference rooms shall have a minimum capacity for 15 people.

6. In addition to the conference rooms, the Contractor shall provide a Strategic Planning War Room for coordination, alignment and continuity of LCS Program requirements, initiatives, and budget planning within a 15 minute walking distance of the Washington Navy Yard. The War Room should seat a minimum of 15 people at a common table and have internet connectivity and telephone capability, computer and projector capability to develop briefing products and display related products on all walls. The Contractor shall have one additional War Room with similar capabilities that seat a minimum of 10 people at a common table. These War Rooms will support the following tasks: (1) Systems Engineering (Task 3) and (2) Mission Systems Engineering (Task 4). The Mission Systems War Room shall be in a controlled environment and support storage and presentation of classified material. The Contractor shall provide the ability to surge to a third War Room with similar capabilities that seats a minimum of 6 people at a common table. These spaces must have cypher locks installed on the doors and the Contractor shall also have a self-contained network to facilitate document sharing among participants, but not outside of that.

7. The Contractor shall have a Design Site as identified in Task 3, Systems Engineering.

8. The Contractor shall have a classified Material Handling and Analysis Center as identified in Task 6, Test and Evaluation.

9. All data/deliverables produced under this TO shall become property of the Government. The Contractor shall develop, implement and maintain an Integration Plan (IP), demonstrating knowledge, experience, understanding and technical approach to task areas in relation to other Program office tasks and their integration. The Contractor is responsible to efficiently implement procedures in accordance with the IP to support coordination of resources and deliverables. The IP shall address coordination and liaison with the other LCS PMS 501 and PMS 505 Program Office Support Services Contractor.

The Contractor shall provide an integrated team to assist in the execution of the LCS Ship Class Acquisition and Sustainment Programs under the cognizance of Program Managers PMS 501 and PMS 505. This includes the planning, coordination, and surveillance of the activities necessary to ensure disciplined work performance and timely resources application to accomplish all tasking under this contract. The Contractor is responsible for and required to implement, and maintain management control systems necessary to plan, organize, direct, and control all activities under this contract. The following tasks are integral to the execution of the LCS Class Program.

1.0 PROGRAM MANAGEMENT

The Contractor shall address and implement Program Management efforts with other tasks in the Integration Plan. The contractor shall address and implement integration efforts within the sub-tasks below. Program Management support activities include; but, not limited to the following:

1.1 Program Management Support. Provide executive, analytical, management and administrative support including, but not limited to: coordination of management office operations including management of records, schedules and correspondence; analytical support;

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deliverables tracking; task management; and assistance in the development of milestones and objectives for the Program Office. Support the development and configuration management of the overall LCS Program plan, approach and objectives by supporting the development and maintenance of LCS program briefings, including briefings for OPNAV, Assistant Secretary, Navy (ASN), SECNAV, Office of Secretary Defense (OSD), AT&L, Congressional Committees, etc. The contractor personnel may be required to interface with Senior Government and industry officials in a supporting role to the Program Offices personnel.

1.2 Program Planning. Provide programmatic support for PMS 501 and PMS 505 Guiding Principles, goals, objectives and acquisition strategies, and for the potential of Foreign Military Sales of LCS ships. Assist in developing required plans, concept papers, white papers and briefings. Provide support for action and milestone planning and tracking, project planning and progress, program metrics establishment and tracking, and participation in designated meetings and milestone reviews.

1.3 Risks and Opportunities Management. Support the coordination of the LCS risk program, facilitating the LCS risk board meetings and assessments and maintaining an interactive, web-accessible LCS risk database for PMS501 and PMS 505. Support the LCS Risk Coordinator. Assist in a range of risk and opportunities management functions for the LCS Program to include but not limited to: support LCS in the conduct and review of total program risk and opportunities assessments, monitor the LCS industry team risk programs and provide input and recommendations on risk mitigations to the Program Office.

1.4 Certification Management. Assist in the Government's coordination of all LCS certifications, maintaining a list of all required certifications required for the Fleet introduction of each LCS Ship with an active accounting of each certification's key attributes and status. Support the LCS Certification Manager, helping to actively manage these certifications to insure each is accomplished at the appropriate time supporting ship delivery and fielding. Advise the Program Office on any actions needed to be taken supporting certification accomplishment.

1.5 Class Design Services. Support LCS efforts in executing Class Design Services with both Industry Teams (Austal and Lockheed Martin) including contract management and tracking, deliverables tracking and review.

1.6 The Contractor will maintain the current electronic Integrated Data Environment (IDE) for all disciplines hosted on NSERC within PMS 501 and PMS 505. Assist in coordinating discipline specific requirements with the LCS Program Support Services Contractor.

1.7 Program Liaison. The Contractor shall be responsible for maintaining communication with the Contracting Officer (CO) and Contracting Officer's Representative (COR), and to immediately notify both the CO and COR of any problems that would prevent timely performance of this contract. The Contractor Program Manager is responsible for overall the contract quality and performance, responsiveness, work product quality, reporting, and workload management.

1.8 The Contractor shall develop, implement and maintain an Integration Plan (IP), demonstrating knowledge, experience, understanding and technical approach to the task areas in relation to the other tasks. The Contractor is responsible to efficiently implement procedures in accordance with the IP to support full integration of resources and deliverables amongst all tasks and with the IDE Support Services Contractor.

1.9 The Contractor shall develop a monthly status report providing deliverable, financial and

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status information.

2.0 BUSINESS AND FINANCIAL MANAGEMENT

The Contractor shall address and implement Business and Financial integration efforts with other tasks in the Integration Plan. The contractor shall address and implement integration efforts within the sub-tasks below. Business and Financial support activities include, but are not limited to the following:

2.1 Planning, Budgeting, and Execution - Provide financial and management support to LCS PMS 501 and PMS 505 in the area of budget development, execution and reporting.

2.1.1 Financial Management, Analysis, and Reporting. Assist Programs to develop current year and out year Task Planning Sheet requirements. Using Navy financial tools, including Enterprise Resource Planning (ERP), the Financial Management and Information System (FMIS) and Standard Tracking and Accounting Reporting System conduct analyses, report status, and advise PMS 501 and PMS 505 Business Financial Managers of strategies to mitigate financial risks on the program. Assist the program in responding to internal and external inquiries and requests for program information. Assist in the preparation of funding execution documents, track and analyze program financial transactions, and assist in the development of obligation phasing plans. Assist in data accumulation and provide weekly financial status reports that include Program resources (including Government Furnished Equipment (GFE)) and identify potential funding issues.

2.1.2 Budgeting. Prepare budget exhibits and assist in identification, justification, and defense of the financial resources for both current budgets and out-year forecasts. Assist in gaining acceptance for the LCS Future Years Defense Plan (FYDP) and assist in preparing budget hearing presentations to document and defend yearly submissions to ASN Financial Management and Comptroller (ASN FM&C), OSD and Congress. Assist in the development of budget execution data required to support the annual Mid-Year Reviews and Program Objectives Memorandum.

2.2 Statutory and Regulatory Reports. Provide input and advise the Government of statutory and regulatory reports. Assist in the preparation of Acquisition Reports. Maintain records of financial history and related documents. Research and prepare inputs to various financial issues that confront the Program Office.

2.3 Contract Management. Provide assistance to the LCS program in execution of contracts with Industry teams via the drafting of Technical Instructions, Procurement Requests, execution review studies, alternatives analyses, Technical Assessment Reports, and monitoring of contract growth due to industry input (from program briefings, Ship Production Progress Conference (SPPC) results, Cost Performance Report (CPR) data, etc.), change orders and other contract modifications. Provide assistance by drafting responses to contractor's contract letters and maintain a mechanism to track contract actions.

2.3.1 Contract Document Development. Provide qualified and expert assistance and guidance to the Programs' Acquisition teams, supporting development of a variety of contracts and associated documentation dedicated to ship design, maintenance, and sustainment, and outside the realm of professional support services.

2.3.2 Contract and Solicitation Technical Reviews. Provide qualified and expert assistance and guidance to support government technical review efforts of proposals and the assessment

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documentation resulting from those reviews and the selection process, in general.

2.4 Earned Value Management System (EVMS). Assist in the monitoring of LCS Industry teams' Earned Value Management System (EVMS) for all ships under contract, to include but not limited to:

2.4.1 Assist in the Government's evaluation and analyses of shipbuilder contractor monthly submissions of CPRs and Integrated Master Schedules (IMSs). Provide monthly EV analysis and briefing to Program Office using both internal and wInsight databases. Assist the Government's monitoring and analyzing of contractor cost and schedule performance reports in order to incorporate impacts in monthly analyses. Prepare independent Estimate At Completion (EAC) as required. Conduct and document risk analyses to provide confidence intervals, overall risk distributions, and determine successful likelihood of executing within current budget.

2.4.2 Analyze and assess contractor-submitted reports, contract performance baselines, to assist and participate in Integrated Baseline Reviews (IBRs), Over Target Baselines (OTB), Over Target Schedule (OTS)s, and other baseline review events as required. Provide support to the program office for planning, managing, and conducting oversight reviews of shipbuilders' Earned Value Management Systems. Work with Supervisor of Shipbuilding (SUPSHIP) and DCMA to draft Deficiency Reports as needed.

2.4.3 Perform ship design and construction, contractor and subcontractor engineering and production analyses to include but not limited to physical progress, design progress and material procurement, schedule, and cost realism, EVMS, Integrated Master Schedule and Critical Path Analysis, shipbuilders process and progress measurement, quality assurance and testing.

2.4.4 Perform review of CPR and IMS to ensure contractor reports are submitted in an accurate and timely manner. Work with Defense Cost and Resource Center (DCARC) to ensure contractor reports meet layout for reporting purposes. Provide .html or .pdf copies of CPRs to program office on monthly basis.

2.5 Cost Analyses. Perform a range of cost estimating functions working closely with the NAVSEA technical authority (NAVSEA 05C) to include but not limited to: Review of industry estimates and assumption methodologies in Proposed Change Washington (PCW) pricing. Review and validate parametric estimating tools and analysis and collection of historical cost data. Prepare independent cost estimates for development, construction, operation, and support for PCWs. Support inquiries, briefings, and meetings in support of NAVSEA, OPNAV, OSD, and Congressional reviews and inquiries.

2.6 Prepare correspondence and briefing materials to support program reviews; and shipbuilder, ship maintainer and Planning Yard concerns and other data calls.

3.0 SYSTEMS ENGINEERING

The Contractor shall address and implement Systems Engineering integration efforts with other tasks in the Integration Plan. The contractor shall address and implement integration efforts within the sub-tasks below. Systems Engineering support activities include, but are not limited to the following:

3.1 Program Management. Provide the LCS program with expertise and experience in researching, planning, budgeting, maintaining, conducting, and executing technical support for LCS Ships. Assist in developing presentations, point papers and talking points as required.

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Assist in managing the Technical Director and Deputy Director's schedules, manage departmental calendar, and arrange all meetings as required. Provide additional technical support to cover increased workload as additional ships are awarded. Draft, document and archive meeting minutes, as tasked.

3.2 Total Ship Systems Engineering. Provide systems engineering support for the LCS Technical Director throughout each hull Shipbuilding and Conversion (SCN) period to include the introduction, development and fielding of LCS Flight 0+ and Flight 1 in the areas of Ship Design/Hull, Mechanical and Electrical, Combat/C4I Systems Integration, Aviation Integration and Mission Package Integration.

3.2.1 Provide assistance in the Government's monitoring and analyzing of the development of Flight 0+ and Flight 1 ship design with industry and assist in performing technical evaluations by providing advice to the Government on risk areas, required changes, certification impacts, lifecycle impacts, or other systems engineering challenges.

3.2.2 Support the conduct of technical reviews, analyses, and evaluations of industry designs in the above areas. Participate in Integrated Product Teams (IPTs), working groups, industry design meetings, and production reviews. Provide meeting minutes for each event.

3.2.3 Support the technical design approval and production introduction of each LCS SeaFrame's technical baseline. Support the LCS Justification for Technical Determination (JTD)/Request for Deviation (RFD) review and approval process; advise the Technical Director on each proposed technical baseline modification.

3.2.4 Provide technical assessment of overall HM&E system risks and assist in development of risk mitigation plans Perform risk analysis of proposed design baseline modifications. Provide a technical evaluation of each proposed change for the LCS Change Board. Identify documentation requiring revisions or updates as a result of new or modified industry designs.

3.2.5 Review each Ship's design drawings, engineering change notices, ship specifications, Contract Data Requirements List (CDRLs), deliverables and verify equipment installations and drawings are in accordance with contract requirements.

3.2.6 Provide technical analyses and services for LCS ship design, naval architecture, marine engineering, and integrated systems engineering for HM&E systems issues including Aviation IPTs and certifications and Machinery Control Systems including evaluating and advising the Government of risk areas and opportunities for risk reduction.

3.2.7 Support the Software Baseline Manager with baseline tracking and oversight for the Machinery Controls Systems (MPCMS, ECS) in an integration role between government activities and industry partners. Efforts may include secretariat support of the PMS 501 Software Configurations Control Boards (SCCBs), updates to the PMS 501 Software Instruction and charters, Installation and Checkout Authorization Letter routing and Engineering Change Request (ECR) preparation.

3.2.8 Support the development of design solutions for production challenges as they emerge for Flight 0+ and Flight 1 baselines.

3.2.9 Assist in coordinating LCS testing lessons-learned from Post Delivery Test and Trials results and developing corrective actions for in service, in production and for future LCS ships.

3.2.10 Assist in developing and maintaining ship, system and element level configuration data.

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Assist in coordinating the resolution of discrepancies. Prepare technical assessments of Government responsible deficiencies that are documented from Builder's and Acceptance Trials. Track trial card adjudication and develop plans to address correction during Obligation Work Limiting Date (OWLD window or post-OWLD backfit.

3.2.11 Maintain the LCS Systems Engineering Plan (SEP), covering LCS efforts.

3.2.12 Assist in the Government's preparation of SOW and coordination of pricing and scheduling and monitoring the execution of Contractor Special Studies related to design/systems engineering. Provide advice regarding technical input for new solicitations in support of future LCS flights.

3.2.13 Provide technical analyses and services for response to the LCS Prospective Commanding Officer (PCO) Concerns Letters.

3.2.14 Support the review and validation of LCS CDRL submittals and correspondence assigned to the Technical Director.

3.2.15 Provide support of LCS transition and turnover book development at each LCS OWLD.

33 Support Production Department Trial Card Management. Support Production Department on-site Trial Card Management lead during ship trials in support of Builders Trial (BT), Acceptance Trial (AT) and Final Contract Trial (FCT). Prepare materials for trial card entry into the Deficiency Item Management System (DIMS). Maintain Trial Card Databases to include providing software upgrades and changes as well as maintenance and data backup. Additional services include, but; not limited to: providing on-site administrative and hardware support during BT, AT and FCT to ensure hardware/software operability; assisting users; assisting INSURV.

34 Engineering Analysis and Reporting. Provide engineering, analysis, and technical studies support. Review and assist in the Government's evaluation of LCS production execution. Assist in the Government's evaluation and validation requirements traceability for operational requirements, performance requirements, Measures of Performance (MOPs) and Measures of Effectiveness (MOEs). Perform risk analyses and assessments of proposed alternatives. Develop and evaluate plans, procedures and processes for Navy Certifications and Verification and Validation, as they relate to the elements of the LCS system design. Conduct independent system engineering analyses to identify and recommend resolutions to emergent issues. Analyze system functionality and requirements development. Perform interoperability assessments on the LCS as required.

35 Planning and Procedures. Assist in developing/evaluating plans, procedures, and processes as they relate to the ship design elements of LCS. Provide expertise and engineering support to all aspects of LCS systems engineering. Assist in the development of government information, documentation, and technical studies provided to industry to assist in the definition and design of LCS. Develop and provide to the Government draft responses to industry queries. Provide support in the Government's development of all required technical documentation for future milestones.

36 Science and Technology. Assist in the Government's coordination of all LCS Science and Technology (S&T) efforts. (i.e., Small Business Innovative Research (SBIR) topic areas, ongoing LCS SBIR and S&T efforts, annual S&T investments, S&T funding sources, ongoing Technology Transition agreements/MOAs, new Technology Transition agreements, LCS Technology Development efforts focused on achieving Technology Readiness Level(TRL)).

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37 LCS Design Site. Provide facility and services to support all aspects of LCS systems engineering and design to include drawing review and approval, design change development, technical insertion studies, flight upgrade and class design management efforts. This includes the ability to use AutoCAD and ShipConstructor computer programs. This site will allow co-location of both Navy personnel and staff supporting engineering task elements. The LCS design site shall have the following provisions:

Each office should be outfitted with desk, phone, bookcase, large vertical file cabinet (letter size), white board, one rolling swivel desk chair and a single side chair

Wired Internet access for up to 25 tenants or visitors

Site cleared for securing business unclassified material

Dedicated Conference Room (20-seat) to include:

High quality and performance audio-video system for meeting hosting

Dedicated conference call phone number and access code

Large white board(s) shall be provided on one wall

Large cork wall boards to allow posting of project relevant material to at least two walls

Dedicated conference room PC (desktop or laptop) system to project presentation material and provided Local Area Network (LAN) and internet connectivity

Office support equipment to be provided to include:

Dedicated Color Copier

Two (2) dedicated Color Laser Jet Printer (HP 9500 or equal) and consumables

Access to a large color plotter (HP Design jet 800 or equal)

Single network access PC to provide visitor access to the internet and printers

Facsimile

Color Document Scanning capability

Collocated file storage for unclassified technical material

38 Environmental Safety and Occupational Health (ESOH). Provide direct support to the Technical Director in managing the ESOH program. Provide technical review and recommendation on all ESOH-related CDRLs, trial cards and other products. Review all proposed changes for ESOH impacts and provide assessment to Technical Director. Ensure program remains compliant with all statutory and regulatory ESOH guidances.

4.0 MISSION SYSTEMS ENGINEERING

The Contractor shall address and implement Mission Systems Engineering integration efforts with other tasks in the Integration Plan. The contractor shall address and implement integration efforts within the sub-tasks below. The Mission Systems support activities include, but are not limited to:

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4.1 Program Management. Provide the Mission Systems with expertise and experience in researching, planning, budgeting, maintaining, conducting, and executing C5I-related technical support for LCS variants. Develop presentations, point papers and talking points as required. Manage the Mission Systems Major Program Manager (MPM) and Deputy MPM schedules, manage departmental calendar, and arrange all meetings as required. Provide additional technical support to cover increased workload as additional ships are awarded.

4.2 Financial Management, Analysis, and Reporting. Provide inputs to and prepare various exhibits, briefings, presentations and funding documents (Task Planning Sheets (TPS) /7300's /Program Objective Memorandum (POM)) on the yearly execution of Mission Systems funding requirements inclusive of Research Development Test & Evaluation (RDT&E), Ship Construction Navy (SCN), Other Procurement, Navy (OPN) and Operations & Maintenance Navy (OM&N) funding. Conduct analyses, report financial risk, and advise the Mission Systems Major Program Manager of strategies to mitigate the impact of financial risks on the program. Assist the program in responding to internal and external inquiries and requests for program information. As required, assist in the preparation of funding execution documents, track and analyze program financial transactions, and assist in the development of obligation phasing plans. Provide financial status reports and assessments to identify program financial resources and shortfalls, assist in data accumulation, analysis, and assist in preparing program budget submissions.

4.3 Provide technical analyses and services for LCS Combat/C4I Systems integration including evaluating and advising the Government of risk areas, risk mitigation opportunities, and opportunities for commonality. Provide assistance for the risk reduction of each Ship's network and software integration.

4.4 Provide technical assessment of overall Mission Systems risk and assist in development of risk mitigation plans. Perform risk analysis of baseline modifications/changes related to Mission Systems. Provide a technical evaluation of each proposed change for the LCS Change Board. Identify documentation requiring revisions or updates as a result of new or modified industry designs.

4.5 Support LCS testing lessons-learned from Post Delivery Test and Trials results and assist in developing corrective actions for in service, in production and/or for future LCS ships.

4.6 Assist in developing and maintaining configuration data. Coordinate the resolution of discrepancies. Prepare technical assessments of Government responsible deficiencies that are documented from Builder's and Acceptance Trials. Track trial card adjudication and develop plans to address correction during Obligation Work Limiting Date (OWLD) window or post-OWLD Backfit.

4.7 Assist in the Government's preparation of statements of work and coordination of pricing and scheduling and monitoring the execution of Contractor Special Studies related to design/systems engineering. Provide advice regarding technical input for new solicitations in support of future LCS flights.

4.8 Support the review and validation of LCS CDRL submittals and correspondences assigned to the Mission Systems MPM.

4.9 Provide support of LCS transition and turnover book development at each LCS ship OWLD.

4.10 Review all LCS products and decisions papers for impacts to the Warfare System Interface Diagrams (WSIDs) and advise the Mission Systems MPM on proposed changes.

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4.11 Support the Software Baseline Manager with baseline tracking and oversight for the Mission Systems (Combat Systems (CS), Ship Systems Automation (SSA), Information Assurance (IA), C4I (includes EXCOMM)) in an integration role between government activities and industry partners. Efforts may include secretariat support of the PMS 501 Software Configuration Control Boards (SCCBs), updates to the PMS 501 Software Instruction and charters, Installation and Checkout Authorization Letter routing and Engineering Change Request (ECR) preparation.

4.12 Science and Technology. Assist in the Mission Systems of all C5I-related Science and Technology (S&T) efforts. (i.e., Small Business Innovative Research (SBIR) topic areas, ongoing LCS SBIR and S&T efforts, annual S&T investments, S&T funding sources, ongoing Technology Transition agreements/MOAs, new Technology Transition agreements, LCS Technology Development efforts focused on achieving Technology Readiness Level(TRL)).

4.13 Provide Mission Systems contractor C5I-support team lead at each waterfront (San Diego, Mayport, Marinette, Mobile). Functions to include: Provision of on-site subject matter expertise to oversee C5I-related System Operation Verification Testing (SOVT), stage test, regression testing and tracking of work completion (as required). Established team will support Mission Systems Program Manager Representative (PMR) as well as associated SUPSHIP PMR.

4.131 Provide C4I Production and Test planning, execution, metrics and reports. Develop detailed C4I hook-up and test plans in coordination with the shipbuilder in support of SOVT and major test milestones. Coordinate test and technical issues related to C4I. Validates trial card corrections and perform trial card Government Investigate (GI) ship checks. Collects for turnover to Ship's Force pertinent C4I test history items for system turnover process.

4.132 Provide Total Ship Computing Environment/Local Area Network (TSCE/LAN) Production and Test planning, execution, metrics and reports. Develop detailed TSCE installation and test plans in coordination with the shipbuilder, Naval Tactical Command Support System (NTCSS) Representative, and Ship's Force in support of major test milestones and Crew move aboard. Coordinates test and technical issues related to TSCE/LAN. Plans and coordinate T1 connectivity and migration of Ship's Force hardware, software and data to the ship in support of Crew Cert. Validate trial card corrections and performs trial card GI ship checks. Collects for turnover to Ship's Force pertinent TSCE test history items for system turnover process.

4.133 Provide Mission System Production and Test planning, execution, metrics and reports. Develop detailed Mission System integration and test plans in coordination with the shipbuilder in support of major test milestones. Coordinates test and technical issues related to Mission Systems. Validate trial card corrections and performs trial card GI ship checks. Collects for turnover to Ship's Force pertinent Mission System test history items for system turnover process.

4.134 Assist the shipbuilder to ensure all requisites are complete prior to testing. Support the Naval Technical Authority (NTA) test witness program and provide Program Office input and guidance to waterfront test organization, track and report test observations/feedback/failures/metrics.

4.14 Support Production Department Trial Card Management. Support Production Department on-site Trial Card Management lead during ship trials in support of Builders Trial (BT), Acceptance Trial (AT) and Final Contract Trial (FCT). Prepare materials for trial card entry into the Deficiency Item Management System (DIMS). Maintain Trial Card Databases to include providing software upgrades and changes as well as maintenance and data backup. Additional services include, but are not limited to: providing on-site administrative and hardware support

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during BT, AT and FCT to ensure hardware/software operability; assisting users; assisting INSURV.

4.15 Support inspections and tests to complete required Mission Systems certifications on each ship. Maintain a current matrix of requirements for each certification. Coordinate closely with certifying authorities to ensure all requirements are met. As certification requirements change, inform Mission Systems leadership of impact and propose alternatives to address.

4.16 Provide technical support to assess, evaluate, and provide recommendations for combat systems equipment and system problems that arise in support of ships trials, Commanding Officer Concerns letters and Trial Card reviews. Participate in at sea ship trials, liaison with INSURV to de-conflict operational and performance issues and conduct trial card pre-screening.

4.17 Engineering Analysis. Provide engineering, analysis, and technical studies support. Review and assist in the Government's evaluation of LCS production execution. Assist in the Government's evaluation and validation requirements traceability for operational requirements, performance requirements, Measures of Performance (MOPs) and Measures of Effectiveness (MOEs). Perform risk analyses and assessments of proposed alternatives. Develop and evaluate plans, procedures and processes for Navy Certifications and Verification and Validation, as they relate to the elements of the LCS system design. Conduct independent system engineering analyses to identify and recommend resolutions to emergent issues. Analyze system functionality and requirements development. Perform interoperability assessments on the LCS as required.

4.18 Establish a Mission Systems war room as identified in General Information. Access to designated space shall be controlled and able to support storage and presentation of classified media.

4.19 Provide assistance in the Government's monitoring and analyzing of the development of Flight 0+ and Flight 1 ship design with industry and assist in performing technical evaluations by providing advice to the Government on risk areas, required changes, certification impacts, lifecycle impacts, or other systems engineering challenges.

4.20 Support the conduct of technical reviews, analyses, and evaluations of industry designs in the above areas. Participate in Integrated Product Teams (IPTs), working groups, industry design meetings, and production reviews.

5.0 PRODUCTION PLANNING and ENGINEERING

The Contractor shall address and implement Production Support integration efforts with other tasks in the Integration Plan. The contractor shall address and implement integration efforts within the sub-tasks below. Production support activities include, but are not limited to the following:

5.1 Overview

The PMS 501 Production Department (PMS 501P) is organized into two divisions, one for the LM/MMC FREEDOM variant and one for the Austal INDEPENDENCE variant. Each division is led by a Navy O-5 Production Officer directly supported by various production department/division personnel. Certain support requirements outlined in this statement of work are tailored to the specific requirements of the Navy organization providing oversight at the two variant shipyards.

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5.2 Production Department Support – Washington Navy Yard

5.2.1 Task Lead. Provide a Task Lead for contractor support to the PMS 501 Production Department who will be responsible for ensuring assigned tasks and deliverables are accomplished in a timely manner. Coordinate the efforts of all contractor personnel who are supporting the Production Department (ADDU to Production Officer Support).

5.2.2 Production Officer Support (Support to Both Variants). Assist with establishment and maintenance of Production Division organization, processes and procedures. Assist in the development of production related products including; Statements of Work, weekly report inputs, DAES and SAR report inputs and Flag level presentations, point papers and talking points, etc. Utilize Microsoft office tools as appropriate. Conduct periodic shipyard visits and participate in quarterly Shipbuilding Production Progress Conference (SPPCs), Production Readiness Reviews (PRRs), Integrated Base Line Reviews (IBRs), Launch Readiness Reviews and Trials Readiness Reviews, as directed. Collect, track and manage to completion action items from the various reviews. Monitor, assess and report on performance of construction contracts. Support the Production Officers and Production Directors with EVM Analysis that correlates EVM/CPR data with actual surveillance information (assessing physical shipyard performance and schedule adherence) to provide a complete picture. Production Department support also includes: 1) Development of schedules, strategy and financial analysis. 2) Providing monthly status of spend plans, 3) Coordinating the integration of additional services (both contractor and field activity) as needed to support Production management requirements. 4) Develop inputs to: statements of work for acquisition contacts; PMS 501 acquisition plans and strategies. 5) Work with the Production Business Manager and Production Directors to develop and provide financial and production metrics, analysis, reports, and recommendations on a periodic basis. 6) Work with production personnel in developing presentations, point papers and talking points.

5.2.3 Business Management Support (Matrix Support). Prepare and provide Production Department and Division budget briefings and documentation in support of budget reviews including those with NAVSEA Field Activities. Surge support will be needed in April/May/June time-frame each year to support the summer budget development cycle. The contractor shall assist in the review, analysis and reporting of the Production Department's financial metrics. Develop analysis to help estimate changes to the Production Department's FYDP yearly budget submits based on program schedules. Develop and maintain Task Planning Sheets and other budget documentation. Track funding documents and help manage production budget allocations.

5.2.4 Production Director Support (Support to Both Variants). Provide support to the FREEDOM variant and INDEPENDENCE variant Production Directors in planning, production oversight and analysis of LCS serial production. Assist in the planning and execution of production meetings and reviews. Assist in the integration of program data (e.g. assessing physical shipyard performance and schedule adherence) and develop briefings on emerging issues to provide a complete picture. Conduct periodic shipyard visits and participate in reviews as directed.

5.2.4.1 IMS and Schedule Analysis (Support to Both Variants). Perform analyses and provide reports and recommendations on Integrated Master Schedule (IMS) for each variant. Analyze the overall IMS, for schedule and data integrity, including relationship logic and calculated date and float values, progress status anomalies including out of sequence progressing, tracking & monitoring the critical path, analyzing resource demand spreads and assessing performance to the baseline/operational plan. Included will be schedule movement analysis, float analysis, review of activities reporting physical percent complete and resource level analysis to indicate

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where program is headed. Lists of critical or in jeopardy items will be highlighted. Provide technical inputs relating to IMS performance requirements. Provide analysis and metrics relating to the impacts of schedule changes that show out of sequence work. Monitor/Assess/Analyze & Measure the following sub-tier schedules within the IMS: (Material/Equipment procurement, Drawing Release Schedule in support of production, Module Assemble Schedule, Module Erection, Tank Close-Outs, Integrated Shipboard Test Schedule. Compartment close-out Schedule). Support various earned value and production reviews including Integrated Baseline Reviews, OTB/OTS reviews, PRRs and SPPCs providing production and schedule inputs. Add newly authorized ships to existing metrics reports as required.

5242 Quality Management Support (Matrix Support). Provide quality engineering services. Develop quality assurance metrics, analysis and recommendations. Investigate LCS variant production quality issues and generate technical reports of issues at each shipyard. Research root causes of trends and report findings. Generate ad hoc and routine reports using TSM. Generate critical quality metrics on a monthly basis. Review shipbuilder Quality Assurance (QA) plans and procedures to assess compliance with contract, ship specifications and other requirements. Participate in SPPCs and other reviews as requested and assist with the generation of related agendas, out-briefs and tracking of open action items. Review, analyze and comment on shipbuilder QA deliverables, including Contract Data Requirement List (CDRL) submissions and quarterly QA metrics submissions. Review and investigate shipbuilder corrective action activity. Waterfront QA activities include, but are not limited to: creation, implementation and updating of Product Verification Inspection (PVI) and other QA checklists and assisting SUPSHIP Quality Assurance Specialists (QASs) in the use of those checklists.

5243 Industrial Engineering Support (Matrix Support). Provide industrial and manufacturing engineering expertise to support production cost and schedule reduction efforts. Assist in the review, analysis and reporting of manning, rework, out of sequence work, learning curve data and physical progress metrics. Perform industrial engineering analysis of productivity trends and impact analysis of trade performance on cost and critical paths.

5244 Metrics (Matrix Support). Review, analyze and update monthly shipbuilder production metrics to reflect the current stage of production of each ship under contract Prepare metrics briefings to support periodic briefings to the program manager and program executive officer. Provide production metrics books derived from the IMS submittals and other detailed production data sources. Provide production metric development, analysis, reports and recommendations.

5245 GFE/Government Furnished Information (GFI) Management Support (Matrix Support). Assist in the management of the procurement and delivery of GFE/GFI provided to both LCS shipbuilders. Efforts include supporting the development, review and updating Ship Project Directive (SPD) documentation that serves as the agreement between PMS 501 and the Participating Acquisition Resource Managers (PARMs). Assist in the organization and execution of PARM reviews held periodically to assess the performance of PARMs. Develop and maintain GFE/GFI data bases for each LCS variant, in a Microsoft Office software product, to track the status of GFE/GFI. Develop and publish status reports based on the GFE/GFI data base as requested. Interface with the industry team as required. Participate in reviews (e.g. SPPCs, PRRs) as required.

52.5 Production Test and Trials HM&E (Matrix Support). Provide program management, technical and planning support in the planning and execution of test and evaluation efforts of all HM&E systems and subsystems installed on both LCS variants. Efforts include, but are not limited to, review of test and trials procedures and reports, participation in dock-side and at-sea ship tests and trials, liaison with INSURV to de-conflict operational and performance issues and

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conduct trial card pre-screening. Focus of support efforts will be on new construction test and trials to include Builders and Acceptance Trials, Industrial Post-Delivery Availability period, and Post-Shakedown Availability period.

5.2.6 Delivery to Sailaway Support (Matrix Support). Provide program management, technical and planning support to the Delivery to Sailaway Manager in the planning and execution of events during the time period from ship delivery to sailaway. The contractor shall support the planning and execution of the Industrial Post Delivery Availability (IPDA). Efforts shall include the coordination of Alteration Installation Team (AIT) and shipbuilder trial card correction efforts. The contractor shall perform analyses and generate reports as necessary.

5.2.7 Trial Card Management Support (Matrix Support). Provide production trial card management support. Maintain the LCS Program trial card management program utilizing existing trial card management software and processes to include providing software upgrades and changes as well as maintenance and data backup. Maintain a trial card database for each ship and overall for all ships. Perform analysis and provide reports on trial card status as requested.

5.2.8 Certification Management (Matrix Support). Coordinate inspections and tests to complete required ship certifications on each ship. Maintain a current matrix of requirements for each certification. Coordinate closely with certifying authorities to ensure all requirements are met. Collect for turnover to Ship's Force pertinent certification-related artifacts for material history to include inspections, material test data reports.

5.3 Production Waterfront Support – Austal USA, Mobile, AL. Provide PMS 501 Production Department and SUPSHIP Gulf Coast on-site waterfront support, at the Austal USA Mobile, AL shipyard as outlined below. Efforts include, but are not limited to: track and coordinate compartment completion efforts, providing regular, real-time status, integrates compartment and system completion efforts with the production test schedule; with Government oversight, develop and execute Navy and Ship's Force compartment acceptance and turnover processes; validate and ship check trial card resolutions on a space by space basis; provides assistance to the Government in managing the key custody program.

5.3.1 Waterfront Team Lead. Provide a Task Lead for the contractor Waterfront support team at each LCS shipyard who will be responsible for ensuring assigned tasks and deliverables are accomplished in a timely manner. Coordinate the efforts of all contractor personnel who are members of the Waterfront Team.

5.3.2 Production and Test Specialists. Subject Matter Experts (SMEs). The contractor shall provide SMEs for the INSURV and other technical areas outlined below. SMEs shall be well versed with up-to-date knowledge and experience in their respective area(s). Areas of expertise include, but are not limited to: a) production processes and techniques, b) quality assurance processes, standards and techniques, c) system design and testing and d) ship trials. Assist in the coordination of production and test efforts. SMEs are required to work closely with SUPSHIP and industry team counterparts. Ensures appropriate production and test artifacts are collected and turned over to Ship's Force. Provide status of system completion and test status relative to key milestones (e.g. block erection, launch, fuel on-load, machinery light-off, trials and delivery). Validates trial cards and trial card corrections and perform trial card GI ship checks.

SMEs shall be required for the following task areas to support tasking requirements (this is not an exhaustive list):

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5.3.2.1 SMEs:

Aviation (AV)

Auxiliaries (AX)

Damage Control (DC)

Deck (DK)

Electrical (EL)

Main Propulsion – Gas Turbines and Diesel Engines (MP)

Environmental Protection (EP)

Medical (MD)

Occupational Safety (OH)

Ventilation (VT)

Habitability (HAB)

Structure

Corrosion Control

Controls – Electronic

Controls Electro-Mechanical.

533 Waterfront Production Test and Certification Management. Assist, in conjunction with the Program Office and SUPSHIP, the management of the ship testing and certification program. Provide on-site inspection functions for ship tests, compartment completion inspections, certifications and trials. Record documented deficiencies, their screenings and status using an automated information system. Participate in at-sea ship trials and trial card pre-screenings. Conduct trial card recording, tracking, coding, trend analysis and engineering analysis using an automated information system. Coordinate inspections and tests to complete required ship certifications. Maintain a current matrix of requirements for each certification.

534 Trial Card Coordinator. Serve as on-site trial card management lead before, during and after ship trials. Manage the trial card work flow in the Deficiency Item Management System (DIMS). Prepare materials for trial card entry into DIMS. Additional services include: providing on-site administrative and computer hardware support during BT, AT and FCT to ensure trial card entry hardware/software operability. Provide users (including INSURV) with trial card system training and assistance to ensure effective and efficient trial card processing. Support Navy/industry team trial card screening conferences.

535 Label Plate Team. Provide tiger team(s) to assist in providing an accurate and complete set of label plates prior to ship delivery and sail away. When directed, perform a ship check to assess the status of label plates validating them against contract requirements, drawings and Navy practice. Review and compare all systems drawings, specifications and ship requirements documents. Make recommendations for modified and/or additional label plates. Install modified or additional label plates as directed and modify the label plate database as appropriate. Provide

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reports on findings and corrective actions taken.

5.4 Production Waterfront Support – Marinette Marine Corporation, Marinette, WI Provide PMS 501 Production Department and SUPSHIP Bath on-site waterfront support, at Marinette Marine Corporation shipyard, Marinette, WI as outlined below. Efforts include, but are not limited to: track and coordinate compartment completion efforts, providing regular, real-time status; integrate compartment and system completion efforts with the production test schedule; with Government oversight, develop and execute Navy and Ship’s Force compartment acceptance and turnover processes; validates and ship checks trial card resolutions on a space by space basis; provides assistance to the Government in managing the key custody program.

5.4.1 Waterfront Team Lead. Provide a Task Lead for the contractor Waterfront support team at each LCS shipyard who will be responsible for ensuring assigned tasks and deliverables are accomplished in a timely manner. Coordinate the efforts of all contractor personnel who are members of the Waterfront Team.

5.4.2 Production and Test Specialists, Subject Matter Experts (SMEs). The contractor shall provide SMEs for the INSURV and other technical areas outlined below. A SME can cover more than one technical area. SMEs shall be well versed with up-to-date knowledge and experience in their respective area(s). Areas of expertise include, but are not limited to: a) production processes and techniques, b) quality assurance processes, standards and techniques, c) system design and testing and d) ship trials. Assist in the coordination of production and test efforts. SMEs are required to work closely with SUPSHIP and industry team counterparts. Ensures appropriate production and test artifacts are collected and turned over to Ship’s Force. Provides status of system completion and test status relative to key milestones (e.g. block erection, launch, fuel on-load, machinery light-off, trials and delivery). Validates trial cards and trial card corrections and performs trial card GI ship checks.

SMEs shall be required for the following task areas to support tasking requirements (this is not an exhaustive list):

5.4.2.1 SMEs:

Aviation (AV)

Auxiliaries (AX)

Damage Control (DC)

Deck (DK)

Electrical (EL)

Main Propulsion (MP)

Environmental Protection (EP)

Medical (MD)

Occupational Safety (OH)

Ventilation (VT)

Habitability (HAB)

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Communication, Command and Control (CC)

Information System (IS)

Navigation (NV)

Operations (OP)

Weapons (WP)

Structure (not an INSURV deck)

Corrosion Control (not an INSURV deck).

543 Waterfront Production Test and Certification Management. Assist, in conjunction with the program office and SUPSHIP, the management of the ship testing and certification program. Provide on-site inspection functions for ship tests, compartment completion inspections, certifications and trials. Record documented deficiencies, their screenings and status using an automated information system. Participate in at-sea ship trials and trial card pre-screenings. Conduct trial card recording, tracking, coding, trend analysis and engineering analysis using an automated information system. Coordinate inspections and tests to complete required ship certifications. Maintain a current matrix of requirements for each certification.

544 Trial Card Coordinator. Serve as on-site trial card management lead before, during and after ship trials. Manage the trial card work flow in the Deficiency Item Management System (DIMS). Prepare materials for trial card entry into DIMS. Additional services include: providing on-site administrative and computer hardware support during BT, AT and FCT to ensure trial card entry hardware/software operability. Provide users (including INSURV) with trial card system training and assistance to ensure effective and efficient trial card processing. Support Navy/industry team trial card screening conferences.

545 Label Plate Team. Provide tiger team(s) to assist in providing an accurate and complete set of label plates prior to ship delivery and sail away. When directed, perform a ship check to assess the status of label plates validating them against contract requirements, drawings and Navy practice. Review and compare all systems drawings, specifications and ship requirements documents. Make recommendations for modified and/or additional label plates. Install modified or additional label plates as directed and modify the label plate database as appropriate. Provide reports on findings and corrective actions taken.

60 TEST AND EVALUATION (T&E)

The Contractor shall address and implement T&E integration efforts with other tasks in the Integration Plan. The Contractor shall address and implement integration efforts within the sub-tasks below. The T&E support activities include, but are not limited to:

61 Task Lead/Program Management. Provide a Task Lead for support to the PMS 501 T&E Department who will be responsible for ensuring assigned tasks and deliverables are accomplished in a timely manner. Coordinate the efforts of all contractor personnel who are supporting the T&E Department. Provide the T&E Director with expertise and experience in researching, planning, budgeting, maintaining, conducting and executing T&E for LCS variants.

6.1.2 Administrative Support. Assist in the presentations, point papers and talking points as required. Manage the T&E Director's schedule, manage departmental calendar, and arrange all meetings as required. Provide additional technical support to cover increased workload as additional ships are delivered.

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6.2 Support the LCS T&E director with expertise and experience in researching, planning, budgeting, maintaining, scheduling, conducting and executing T&E.

6.2.1 Provide technical support in the development, update, review, and approval of all LCS T&E documentation and plans, including updates to Developmental Test (DT) / Operational Test (OT) Test Scenarios, Plans and Reports, Live Fire Test and Evaluation (LFT&E) Management Plans, detailed program plans and schedules, and environmental and safety assessments for testing. Assist the Test Engineer in organizing and management of Developmental and Operational Testing, Shock Plan and other special testing events. Ensure consistency of planned tests with Total Ship Test Program Objectives. Identify variances and assist the Government in resolving any inconsistencies and eliminate any inadequacies. Track and support engineering and cost analyses for LCS T&E objectives.

6.2.2 Financial Management, Analysis, and Reporting. Provide inputs to and prepare various exhibits, briefings, presentations and funding documents (TPS/POM/Requirements Model) on the yearly execution of T&E funding requirements inclusive of RDT&E and SCN funding. Conduct analyses, report financial risk, and advise the T&E Director of strategies to mitigate the impact of financial risks on the program. Assist the program in responding to internal and external inquiries and requests for program information. As required, assist in the preparation of funding execution documents, track and analyze program financial transactions, and assist in the development of obligation phasing plans. Provide financial status reports and assessments to identify program financial resources and shortfalls, assist in data accumulation, and analysis and assist in preparing program budget submissions. Coordinate inputs from warfare centers, COTF, DOT&E, DASD(DT&E), ranges, air services providers, ammunition and targets suppliers, and all other stakeholders supporting execution of the T&E program.

6.2.3 Update (as required) and maintain the LCS T&E Master Plan (TEMP) covering SeaFrames and Mission Packages in support of the LCS Acquisition Strategy. Apply program management skills in developing and defending programmatic positions that may not always align with desires of other stakeholders. Develop associated technical justifications in support of programmatic positions and decisions supporting the optimal mix of cost, schedule, and available resources. Apply program management skills in determining and developing executable schedules within the TEMP that consider availability of all assets and resources required. Develop, implement, and maintain plans and tracking mechanisms that map programmatic CDD requirements to planned test events within the TEMP. Track execution of those events and coordinate Test Readiness Reviews to review progress and inform leadership decisions regarding readiness to enter Operational Test. Plan, schedule, coordinate, and conduct Operational Test Readiness Reviews (OTRRs) that specifically identify any known limitations to test, develop, process, and submit required waivers and deviations for leadership approval to inform the PEO certification of readiness to enter operational test. Develop and maintain an Integrated Master Schedule to monitor and report progress. Provide rapid impact assessments associated with program delays and proposed budget marks that impact program resources.

6.2.4 Coordinate and assist in the execution of the LCS Post Delivery Test and Trials (PDT&T) plans. Maintain the overall PDT&T schedules for LCS SeaFrames. Assist the Government in managing the conduct of testing, test ranges, test targets, personnel, instrumentation, and reporting. Coordinate with PMS 420 and Fleet stakeholders to develop and promulgate a single integrated plan to support all events.

6.2.5 Provide combat systems expertise and experience in researching, planning, budgeting, maintaining, conducting, executing and evaluating combat system integration and test and trial activities. Provide total ship test program management services in all phases of the ship

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construction including combat systems tests, post delivery, Final Contract Trials and Post Shakedown Availability. Track all related combat system test events and monitor status of shipboard systems required to conduct those events. This involves reviewing all available information for ships and systems under test, including but not limited to the following: Test Operation Report (TORs), CASREPs, Job Control Number (JCNs), ECPs, AWIs, certification status, and any other available reported information regarding the status of systems under test. Conduct detailed test event planning that involves determining what deficiencies require correction (i.e. TORs, CASREPs, JCNs) and what system improvements (i.e. ECPs, AWIs, etc.) require implementation to ensure success of planned test events. Develop proposed solutions that include identifying industrial availabilities to incorporate correction of deficiencies and incorporation of required system improvements, as well as validating and tracking the tasking, funding, and scheduling of those efforts to ensure that systems are fully ready to conduct scheduled events.

6.2.6 Provide hull, mechanical, and electrical (to include Mission Package support systems) systems expertise and experience in researching, planning, budgeting, maintaining, conducting, executing and evaluating combat system integration and test and trial activities. Provide total ship test program management services in all phases of the ship construction including hull, mechanical, electrical, and mission package support system tests, post delivery, Final Contract Trials and Post Shakedown Availability. Track all related HM&E test events and monitor status of shipboard systems required to conduct those events. This involves reviewing all available information for ships and systems under test, including but not limited to the following: TORs, CASREPs, JCNs, ECPs, AWIs, certification status, and any other available reported information regarding the status of systems under test. Conduct detailed test event planning that involves determining what deficiencies require correction (i.e. TORs, CASREPs, JCNs) and what system improvements (i.e. ECPs, AWIs, etc.) require implementation to ensure success of planned test events. Develop proposed solutions that include identifying industrial availabilities to incorporate correction of deficiencies and incorporation of required system improvements, as well as validating and tracking the tasking, funding, and scheduling of those efforts to ensure that systems are fully ready to conduct scheduled events.

6.2.7 Coordinate LCS T&E efforts with the PEO IWS Pra Enterprise project, including Probability Rate Anihilation (Pra) testbed efforts and Self Defense Test Ship (SDTS) testing efforts planned in support of LCS combat system air defense testing. Track and coordinate with other stakeholders to ensure modeling efforts remain on track. Apply program management skills to ensure that all planned efforts are programmatically executable and adequately resourced. Develop and maintain an integrated master schedule to monitor progress. Provide rapid impact assessments associated with program delays and proposed budget marks that impact program resources.

6.2.8 Review and provide T&E input for acquisition documents (e.g. DAES and SAR) and PEO and program office reporting requirements.

6.2.9 Ammunition and Target Acquisition: Review all test documentation for ammunition and targets required to support execution of planned test events. Compile periodic requests for allocations to support test events and determine resources required to procure required test assets (i.e. surrogates) for which no allocation process exists.

6.3 Live Fire Test and Evaluation. Support the LCS T&E manager with expertise, analyses, and execution of the LCS LFT&E plan. Apply project management skill to develop and maintain an Integrated Master Schedule for all LFT&E activities. Provide rapid impact assessments associated with program delays and proposed budget marks that impact program resources.

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631 Update and maintain the Live Fire Test and Evaluation Plan and assist in the implementation of that Program. Assist the Test Engineer in organizing and management of Initial Developmental and Operational Testing, Shock Plan and other special testing events. Provide yearly input on LCS LFT&E funding requirements. Attend meetings and coordinate LCS LFT&E efforts with DOT&E LFT&E and the NAVSEA Technical Authority. Apply program management skills in developing and defending programmatic positions that may not always align with desires of other stakeholders. Develop associated technical justifications in support of programmatic positions and decisions supporting the optimal mix of cost, schedule, and available resources.

632 Support the conduct of all LCS LFT&E Modeling and Simulation (M&S) for ship Survivability. Develop and support the implementation of a modeling and simulation verification, validation, and accreditation (VV&A) process for LCS. Finalize the VV&A plan, identify all M&S planned for use in support of Operational Test and LFT&E, develop verification & validation (V&V) packages and assure accreditation for all models. Conduct specific survivability assessments using the ASAP, DYSMAS, TMSS, IRM tools for both LCS SeaFrame designs. Determine appropriate scope of work for developing Threat Target Validation Reports (TTVRs) for surrogate targets used in test execution as required.

633 Provide Shock Program Planning and Execution of all ship shock testing, including LCS Surrogate LFT&E testing, Total Ship Survivability Trials (TSST) ship shock inspections and environmental impact assessments and Full Scale Shock Trials. Provide engineering and technical assistance for equipment shock qualifications leading to reduction in Ship Shock Deficiencies. Coordinate LCS efforts with the Alternative Shock Assessment S&T program.

634 Provide technical assessments, evaluations and advise the Government on equipment and system problems that arise in connection with or during ship test and trials.

635 Support the lethality assessment elements of the LCS LFT&E execution plan for the 57MM Gun system. Also provide support for the shock deficiency management effort for LCS variants FREEDOM and INDEPENDENCE.

636 Classified Material Handling and Analysis Center. During the planning and reporting phases of the LFT&E program, a general working room is required to accommodate approximately eight members at a table large enough to accommodate 10 persons. The room should be large enough to accommodate laptops, projection screen and projector, printer, safe, filing cabinet, white boards, drawings, schedules and working areas. The room must be able to support classified materials and documents and have a minimum of 2 (two) workstations capable of processing information classified up to the Secret NOFORN level with associated printing capability up to the Secret NOFORN level. The room must contain a classified safe and an unclassified file cabinet in order to maintain all required documents, working papers, supporting documents. The room and surrounding areas must be accessible by all Working Team Members to include but not limited to hall accesses, restrooms and other basic facilities. The room door shall have a cypher lock, badge access swipe or key entry for every Working Team Member.

Equipment: The Contractor will provide the following minimum equipment:

Two (2) Classified Laptop Computers (will use onsite during TSST)

One (1) Classified printer/copier (will use onsite during TSST)

One (1) Classified projector

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One (1) Projection Screen or Large LCD Screen

One (1) 4 drawer Classified Safe

One (1) 4 drawer Filing cabinet

One (1) large White Board

One (1) phone with conferencing capabilities

7.0 LIFE CYCLE ENGINEERING AND SUPPORT (LCE&S)/LOGISTICS.

The Contractor shall address and implement LCE&S integration efforts with other tasks in the Integration Plan. The contractor shall address and implement integration efforts within the sub-tasks below. The LCE&S support activities include; but, not limited to:

Assist in evolving and supporting the related tasks of logistics management, maintenance, supply support, technical design interface, facilities, technical data, and personnel as it relates to ships production, permanently installed ship mission systems, Post Delivery and Test & Trial (PDT&T) of the LCS Ships. These logistics plans and analyses, with supporting documentation, will be generated or revised to conform to significant program events including Independent Logistics Assessments (ILAs), Milestone Decisions, and significant program events or milestones during the post Milestone B phase of the program through life cycle support. Participate in the revision, review and as necessary the establishment of logistics plans. Update program documents and all logistics efforts to maintain currency with DoD / Navy logistics policy.

Assist in the continual refinement of LCS LCE&S/Performance Based Logistics (PBL), depot source or repair analyses and the interim support of all new ship systems. Analyze and recommend continuous process improvement to LCE&S and LCE&S processes (e.g., configuration management process for logistics impact, technical data, sparing and support process, etc.). Assist the government in the refinement of LCE&S criteria and estimates to support evaluation of supportability requirements. Assist the government in tracking and evaluating LCS industry documentation in support of LCE&S requirements. Participate in logistics working group and IPT meetings. As required, the Contractor shall provide evaluation of LCS Industry input of support/supportability documentation and plans, and design reviews.

All work will provided with a purpose to address Total Ownership Cost (TOC) reduction and analysis , planning, and management support for all aspects of Operations & Sustainment throughout program life cycle to include maintenance planning, configuration management, configuration status accounting, configuration control, product and technical data, supply support, support equipment, design interface, facilities, and PHS&T.

7.1 Logistics Resource Planning. Provide analysis, assistance and support in the development and maintenance of Logistics Requirements Funding Source (LRFS), or equivalent.

7.2 Logistics Plans and Product Development. Develop, review and update logistics plan, products or analyses to include the LCS Ships Life Cycle Support Plan (LCSP), manpower requirements as it relates to maintenance, review of shipbuilder maintenance plans, review of supply support management plans, technical manuals/technical drawings, non-training facility planning and reliability/maintainability analyses.

7.3 Logistics Area Support. Provide expert acquisition technical support in the primary logistics areas to include maintenance planning, supply support, technical data, configuration

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management, design interface, facilities and related areas. Specific facility support identifying, defining and tracking shore LCS Support Facilities from initial identification and update throughout the ship and mission package build-out. Arrange and participate in site visits to assess suitability.

7.4 Supply Management. Provide expert level support in management of acquisition activities. Included is the analysis and administration of parts support, ship outfitting in accordance with NAVSEA/NAVSUP INST 4441.7, data input and maintenance of allowance documents and the Navy Program Support Data Base with its Program Support Data (PSD). Provide technical advice regarding Department of Defense (DoD) supply organizations and procedures.

7.5 Fleet Logistics/Liaison Office. If tasked, provide staff in San Diego, CA and Mayport, FL to support transition from ship production / acquisition support to in-service support. Provide direct liaison with PMS 505 staff located in San Diego, CA with a focus on Logistics support and in-service transition. The purpose of this liaison is to support COMSURPAC, LCSRON Squadron 1 and when stood up LCSRON Squadron 2. This liaison also includes feedback to update all maintenance, ship databases, technical manuals, COSALs that will be delivered by shipbuilders as a result of TYCOM feedback. The personnel supporting this effort shall have experience in the surface combatant fleet maintenance, Regional Maintenance Centers, supply and operations at the waterfront.

7.6 Logistics Representatives (LOGREPs). When tasked, provide an onsite Logistics Representative (LOGREP) at the LCS Ship Production Yards and at ship homeports for PDT&T support that assists the Government in managing day-to-day logistics efforts including ship outfitting, crew support, crew familiarization training, technical data loading into CDMD-OA, ship allowance changes, maintenance planning, ship Advance Technical Information System (ATIS) reviews, generation of supply support requisitions with local Supervisor of Shipbuilding offices and any other logistics requirements identified by the government. Monitor, track, and provide status of provisioning processes, the development of related documentation such as the Consolidated Shipboard Allowance List, and the procurement, receipt, and stowage aboard ship of repair parts, equipage, and test equipment. Recommend and or validate requirements to acquire, catalogue, receive, store, transfer, issue, and dispose of repair parts, equipage, test equipment, etc.

7.7 Integrated Master Logistics Schedules. Develop a single integrated logistics master schedule from multiple organizations and track Integrated Logistics Support EVM data presented by multiple organizations.

7.8 Multiple logistics sources analyses. Manage, analyze, report, and recommend changes to data and/or appropriate databases to maintain LCS logistic and other life cycle support data in a myriad of management systems, including but not limited to such systems as; shipbuilder Ship Configuration and Logistics Support Information Systems; Configuration Data Manager Database-Open Architecture (CDMD-OA); Shipboard Non-Automated Data Processing; Weapon System File; Fleet Modernization Program Management Information System; Automated Shipboard Information System; Ship Alteration Management Information System; LCS Class Allowance Equipment List (AEL) Baseline to include Allowance Appendix Page (AAP) and final COSAL Review LCS COSAL products and assure configuration control of the AEL Baseline for installed equipment; Planned Maintenance System (PMS) supply requirements to correct outfitting configuration shortfalls for PMS material items; and other management systems as required.

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This includes analyzing Integrated Logistics Support schedules and track Integrated Logistics Support costs and performance for new construction ships. Develop and/or analyze logistics support plans and planning documentation (e.g., the logistics portions of the Master Acquisition Program Plan, logistics portion of the Test and Evaluation Master Plan, Supply Support Plan, COTS Management Plan, Technology Insertion Plan, Technology Refresh Plan, and the like). Review LCS Interim Support performance metrics and assist in the evaluation of performance to those metrics that provide support to other areas of logistics management.

7.9 Initial Sources of Support and PHS&T. Research and assess alternative logistics support sources and methodologies to acquire equipment, spares, and support within or outside of the DoD supply system (e.g., Battle Spares Program). Develop, evaluate, coordinate, provide recommendations, and plan the preservation, packaging, handling, and transportation of equipment and support items including rotatable pools and major spare equipment, etc.

7.10 Installation and Checkout (INCO) support. Provide technical services in NFM and INCO spares for LCS Class ships. Maintain INCO spares list and requisition data. Prepare and expedite requisition documents. Provide a reporting system for INCO usage, failure data and advise the Government for INCO depth and range adjustments.

7.11 HAZMAT. Provide management of shipboard allowances for hazardous material and ensure that minimum hazardous materials are provided for shipboard maintenance requirements. Assist in preparation and submission of Ship Hazardous Material List (SHML) Feedback Reports as tasked.

7.12 Provide the following specific LCE&S deliverables:

- Weekly status report
- Weekly 505L Dept Head input
- Program LCE&S and In-service Briefs (as required)
- Program Logistics Financial documents (as required)
- Updates to ILS products (as required)
- Input to Support Documentation (as required)
- Updates to LCS ship configurations in CDMD-OA (as required)
- Briefings to be provided to TYCOM, Resource Sponsors, Program Managers, Field Activities, LCS Council, etc. (as required)

7.13 Event Support. Organize, participate, and support program meetings, reviews, and conferences at Contractor and government sites. Develop recommended agendas, capture and track action items, and develop meeting minutes. Facility shall support video teleconferencing (VTC), Direct Connect Online (DCO), and WEBEX capabilities and accommodate 55 attendees within 15 minutes walking distance from the Washington Navy Yard.

7.14 Metrics. Develop and/or analyze logistics support plans and planning documentation (e.g., the logistics portions of the Master Acquisition Program Plan, logistics portion of the Test and Evaluation Master Plan, Supply Support Plan, COTS Management Plan, Technology Insertion Plan, Technology Refresh Plan, and the like). Review LCS Interim Support performance metrics and assist in the evaluation of performance to those metrics.

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7.15 Reliability Availability Maintainability (RAM) – Cost. Perform reliability analysis and reviews on a myriad of source documents to provide recommendations for ships, ship systems, and logistics process improvements to achieve improved sparing, costs, maintenance and reliability for current and future ships and ship systems. Generating and maintaining Ao and Am metrics and models. Work includes updating program documentation including RAM-C Plan.

7.16 Organization Participation. Facilitate, support and participate in IPT and Working Groups, CCB, Provisioning Conferences, ILS Management Team (ILSMT) meetings, and related activities.

7.17 Logistics Sparing and Financial Management Support. Provide expert level support in management of logistic costs efforts and activities. Included is the analysis and administration of parts support, to include initiation, data input and maintenance of allowance documents, Battle Spares and the Navy Program Support Data Base with its Program Support Data (PSD). Provide technical advice regarding Department of Defense (DoD) supply organizations and procedures.

Provide Financial management support for O&MN funding including the following functions: Maintenance, training, operational support, reliability & maintainability analysis, general management support, general office support, staffing analyses, support of web sites, engineering & integration supporting active fleet ships, business and financial manager support, logistic support of active fleet ships, engineering support of active fleet ships.

7.18 Operating Material & Supply (OM&S) Inventory Management for ship material. Develop, process and track inventory of OM&S to include cognizant Government entity, type equipment/material, quantities, storage location, and utilization history. Prepare inventory reports as required for submission to the PEO. This support requires knowledge of Navy ERP and the OM&S function within Navy ERP.

7.19 Diminishing Manufacturing Sources Material Shortages (DMSMS). Perform DMSMS analysis and reviews on a myriad of source documents to provide recommendations for ships and ship systems for obsolescence to mitigate shortages in future system sparing and support to avoid cost growth in the support of in-service ships and ship systems. Update and maintain the program DMSMS Plan for the LCS Ships. Update program DMSMS efforts to maintain currency with DoD / Navy policy.

8.0 BASELINE MANAGEMENT (BM)

8.1 The Contractor shall address and implement Technical BM efforts with other PMS 501 and PMS 505 disciplines in the Integration Plan. The Contractor shall address and implement integration efforts within the sub-tasks below. TBM support activities include; but, not limited to the following:

8.1.1 The Contractor shall revise and maintain the LCS 501 TBM plan and procedures. Monitor and review existing LCS policies in support of the PMS 501 Technical Baseline Manager (TBMgr) to ensure the accuracy of all LCS ship baseline iterations from acquisition with alignment to sustainment management efforts to facilitate in-service transfer.

8.1.2 Maintain an electronic database of all LCS critical artifacts and decisions in the Advanced Configuration Control Engineering Status System (ACCESS) to retain a comprehensive baseline representation of all LCS ship variants.

8.1.3 Participate and support PMS 501 TBMgr in various process meetings to include; but, not

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limited to: Configuration Control Boards (CCBs), Baseline Locking Events, Baseline Working Groups and Class Technical Interchange Meetings (TIMs).

8.1.4 Support the review and validation of LCS Contract Data Requirements List (CDRL) submittals and correspondence assigned to the TBMgr.

8.1.5 Provide support of LCS transition and transfer book development at each LCS ship Obligation Work Limiting Date (OWLD). Update and maintain the LCS Transition Instruction which provides methodology for capturing all required artifacts.

8.1.6 Review all LCS products and decisions papers for impacts to the Warfare System Interface Diagrams (WSIDs) and advise the TBMgr on proposed changes.

8.1.7 Support the Software Baseline Manager with baseline tracking and oversight for the Selected Ship Systems (Combat Systems, Ship Selective Systems/Hull Mechanical & Electrical, Information Assurance, C4I (includes EXCOMM)) in an integration role between government activities and Industry partners. Efforts will include secretariat support of the PMS 501 Software Configuration Control Boards (SCCBs), updates to the PMS 501 Software Instruction and charters, Installation and Checkout Authorization Letter routing and Engineering Change Request (ECR) preparation.

8.1.8 Support the equipment nomenclature package submission and approval coordination via the Joint Electronic Type Designation Automated System (JETDAS). Maintain prioritization tracking matrix of equipment nomenclature submissions and periodically review with TBMgr for Program Office requirements.

8.1.9 Provide management oversight for the TBMgr with Technical Data Package (TDP) tracking and maintenance.

8.1.10 Assist the TBMgr with coordination and participation in Technical Baseline Audits for validation of Configuration Items (CIs) as required.

8.2 CONFIGURATION MANAGEMENT (CM)

The Contractor shall address and implement CM integration efforts with other tasks in the Integration Plan. The contractor shall address and implement integration efforts within the sub-tasks below. Configuration Management support activities include; but, not limited to the following:

8.2.1 Assist in the maintenance of LCS Class CM Plan, as required. Assist the Navy and Industry in implementing processes and procedures in accordance with established LCS CM Program Plans. Assist the Navy in development of new processes and procedures to support configuration mandated requirements.

8.2.2 Provide management, technical and administrative evaluations for Engineering Change Proposals (ECPs) and related change documents in support of Preliminary Change Boards (PCB), Technical Scope Review (TSR), Configuration Control Board (CCB), Waterfront Change Process, Ship Configuration Document (SCD) and PMS 501 and PMS 505 Joint Change Control Board. Evaluations shall consist of comprehensive change synopsis to include background, change history, technical comments, hull applicability and financial information. Track Industry proposed changes, status, disposition, Rough Order of Magnitude (ROM) estimates, Independent Cost Estimates, proposal and negotiated costs for all change activity. Prepare and maintain CM

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status reports and financial summary documentation of changes for each LCS awarded. Assist in the development and analysis of change control statistics for assessing Industry performance (timeliness, efficiency).

8.2.3 Provide secretariat functions to support all change control boards.

8.2.4 Develop ICE to support proposed engineering changes, as required.

8.2.5 Assist in transition efforts between PMS 501 and PMS 505 change configuration boards to ensure same or similar engineering design is developed only once.

8.2.6 Assist in the maintenance and retention of master records of all CM documentation, policy, correspondence and related materials. Documentation shall be located on the LCS Integrated Data Environment with easy access/retrieval.

8.2.7 Monitor and analyze Industry proposed Value Engineering Change Proposal (VECP) and Affordability Cost Candidate (ACC) Proposals.

8.2.8 Support inspections of shipboard installations to determine completeness of change incorporation, as required.

8.2.9 Assist in the baseline configuration attachment lists for future LCS solicitations.

8.2.10 Assist in the management of the Configuration Control Baseline (CCBL) Implementation Process for contract documentation updates (i.e. Contract drawings, Ship Specifications, Schedules A, B, C, D and E (A-E), Project Peculiar Documents, Testing Index and CDRL). Assist in the development of an administrative process addressing administrative inconsistencies in negotiated changes (i.e. typos, etc.). The Contractor shall audit CCBL documentation in accordance with established CM and DM procedures.

8.2.11 The Contractor shall maintain database to support and include CM products. These products include; but, not limited to: Policy letters, instructions, change documentation, RCIA and impacted CCBL documentation. Maintain an electronic database of all LCS CM statistical information such as receipt, status and related change information. The Contractor shall produce, at a minimum, meeting minutes, agendas and status reports from the database. Reports shall be routine and ad-hoc queries.

8.3 Data Management

The Contractor shall address and implement DM integration efforts with other tasks in the Integration Plan. The contractor shall address and implement integration efforts within the sub-tasks below. Data Management support activities include; but, not limited to the following:

8.3.1 Assist in the LCS Class DM Plan revision, as required. Assist the Navy and Industry in implementing processes and procedures in accordance with established LCS DM Program Plan. Assist the Navy in development of new processes and procedures to support Data mandated requirements.

8.3.2 Develop data requirements based upon modified Statement of Work (SOW) and Build Specifications. Prepare proposed change for processing in accordance with established CM process and procedures.

8.3.3 Implementing Activity for all DD1423 modifications.

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8.3.4 Maintain CDRL receipt (both projected and actual), distribution to Navy designated representatives, receipt of Navy comments and development of disposition letters in accordance with established DM policies and procedures. Prepare, maintain and distribute CDRL status reports for each LCS awarded. Assist in the development and analysis of data management statistics for assessing Industry's performance (timeliness and quality). Provide weekly statistical report.

8.3.5 Support the Request for Clarification, Interpretation or Assistance (RCIA) process. Assist with maintenance of all RCIA related actions, including tracking, posting and obtaining Navy disposition.

8.3.6 Assist with the management of Request for Deviations (RFD). Distribute RFDs for review and maintain records of the receipt, review, disposition and status of RFDs.

8.3.7 Assist in the development and maintenance of Government Furnished Information (GFI) Management Plan.

8.3.8 Assist in the receipt of GFI data from Participating Acquisition Reporting Manager (PARMs) to support contractual delivery dates identified in Schedule C. Monitor and assist with the maintenance of GFI and Government Furnished Equipment (GFE) schedules. Review Ships Project Directive (SPD). Maintain and monitor Shipyard Procurement Dates (SYPD), Best Estimated Delivery Dates (BEDD) and Required Delivery Dates (RDD). Provide a comprehensive analysis of any discrepancies between actual and projected deliveries as it impacts contractual schedule. Develop and provide metrics which detail the overall GFI and GFE status including all related and pending changes in process or as modified in the existing contract. Assist in the development of applicable GFI enclosure for quarterly implementation directives. Provide technical, management and administrative evaluations of engineering change proposals for GFI and GFE. Prepare contract GFE/GFI modifications as required. Provide management of and technical input to the development of Schedules A-E.

8.3.9 Implementing Activity for Schedules A- E.

8.3.10 The Contractor shall maintain database to support and include DM products. These products include; but, not limited to: Policy letters, instructions, RCIA, DD Form 1423s, GFI, CDRL submissions, requirements and disposition letters. Maintain an electronic database of all LCS DM statistical information such as receipt, status and related change information. The Contractor shall produce, at a minimum, meeting minutes, agendas and status reports from the database. Reports shall be routine and ad-hoc queries.

9.0 MISSION READINESS

The Contractor shall address and implement LCS Maintenance and Readiness efforts in Washington, D.C. and San Diego, CA, and at a to-be-determined East Coast United States' location. Tasks include; but, not limited to the following:

9.1 Decision Support (DS) and Condition Based Maintenance (CBM). Provide a reliability engineering-based planning and decision support framework within OSD CBM+ program guidelines, enabled by DS, and the development of associated processes to allow for the effective transfer of work ashore and reduced.

9.1.1 Reliability Engineering. Perform integration studies of differing maintenance information systems to support Reliability Engineering/Condition Based Maintenance efforts. Support Sensor

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Development & Installations; classified to unclassified data transfer processes; study future systems for CBM application; Data Management and Data Flow; and Readiness Engineering.

9.1.2 Shipboard environments – Research applicable CBM systems on other shipboard environments.

9.1.3 CBM Strategy – Continue to maintain and update data associated with the implementation of the CBM+ strategy Support the expansion of the CBM+ strategy to include future systems deemed worthy of further exploration. Future CBM+ – Support the next systems to incorporate RE/CBM+

9.1.4 Corrosion Control Condition Based Maintenance – Develop Corrosion Control Condition Based Maintenance studies including Aluminum Hull, Hull Coat Systems, Deck House, Structure, Valves, and Piping.

9.1.5 Maintenance Recommendations – Support Repair vs. Replace determinations

9.2 LCS Squadron (LCSRON) Support. Provide waterfront support to the LCSRON N4 staff. Support government liaison to TYCOM and SWRMC. Assist in the development and coordination of operational schedules. Assist in providing coordination and requirements for seaframe HM&E/C4I systems assessments and inspections. Provide expertise for material analysis, war games, LCSRON material readiness, and operations

9.2.1 LCSRON 3M Assistant. The Navy’s 3M system is the nucleus for managing maintenance aboard all ships and applicable shore station equipment, providing maintenance and material managers a process for planning, acquiring, organizing, directing, controlling and evaluating the manpower and material resources used to support maintenance. Provide overall Planned Maintenance System (PMS) technical assistance to the LCSRON. Schedule and evaluate the accuracy of existing planned maintenance. Track and coordinate PMS completion. Perform LCS SKED database management and ensure server sustainability.

9.2.2 LCSRON Hull Managers (each variant). Plan, coordinate and schedule maintenance availabilities. Act as the Fleet Technical and maintenance management subject matter expert (SME). Draft, staff, coordinate and track Departures from Specification (DFS). Manage the Gauge Calibration Program (SISCAL). Assist with Ship’s Safety Settings definition and management

9.2.3 Deployment Sustainment Planner. Provide executive, analytical management support and executive briefings supporting LCS deployment sustainment, Condition Based Maintenance, Title 10 compliance, SWE Strategic Initiatives Metrics and POM development. Act as a Program Office SME participating in Deployment Sustainment WGs, Technical Interchange meetings, SWE Initiatives briefings, PM and policy review/development, and overseas maintenance and logistics requirements, policies and procedures

9.3 Development Support. Support LCS-centric development work relating to Concept of Operations (CONOPS), policy modifications, maintenance execution metrics tracking, Maintenance execution training, etc., Process Mapping, and the Joint Fleet Maintenance Manual (JFMM).

9.4 Provide PMS 505/LSCRON CM and logistical support. Provide technical documentation review/tracking of PCWs, ECPs, EPCPs and participation in CM meetings as the PMS 505R SME. Provide knowledge management support of LSCRON SharePoint site.

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9.5 Ship System Subject Matter Expertise. Support the following systems by conducting ship and system assessments, and evaluating material readiness to conduct mission critical operations and total system evaluation of program office/fleet availabilities.

- Electrical Life Systems
- Deck/Aviation Systems
- HM&E Systems

9.6 Distance Support SME. Support PMS 505/LSCRON Distance Support/IT architecture and data flow integrator of web based maintenance/CBM+ support. Support new technology implementation, interfaces and integration.

9.7 Evaluate material readiness to conduct mission critical operations and total system evaluation in support of program office/fleet availabilities.

9.8 Provide direct administrative support to 505R PAMP in San Diego, CA.

9.9 Establish and manage a material condition assessment process that provides methods and tools for Fleet identification and capture of initial data set related to a deficiency of ship-board equipment. Implement cost-effective methods to identify, validate, document, prioritize, and manage the correction of equipment deficiencies. Collaborate readiness assessment efforts with the Readiness Engineer and the Planning Lead to ensure maximum efficiency

9.10 Readiness Engineer. Provide an on-site SME for implementation and execution of maintenance strategy based on predicted reliability. Perform analytical and technical tasks in support of developing and implementing a pre-planned corrective maintenance program based on safety, TOC, equipment failure or mission impact risk. Conduct detailed analyses and development of briefs/reports related to materiel readiness and maintenance process issues.

9.11 Maintenance Planner. Publish weekly Advance Planning Report for the CBM+ systems, containing detailed listing, by priority, of recommended preventative and corrective (PM and CM) items for next availability and 12-month PMS estimation. Integrate preventive and corrective maintenance tasks, and assign work orders to specific scheduled availabilities.

10.0 FLEET INTRODUCTION AND LIFETIME SUPPORT

10.1 Total Ship Systems Engineering. Provide systems engineering support for PMS 505 for LCS seaframes in the areas of Ship Design/Hull, Mechanical and Electrical, Combat Systems, C4I systems, Aviation Integration, and Mission Package Integration.

10.2 Help the Government monitor and analyze the development of modernization ship alterations, design changes, solutions to identified deficiencies and other ship changes as directed for the LCS Seaframes and assist in performing technical evaluations by providing advice to the Government on risk areas, required changes, certification impacts, lifecycle impacts, or other systems engineering challenges.

10.3 Support the conduct of technical reviews, analyses, and evaluations of industry designs in the above areas. Participate in Integrated Product Teams (IPTs), working groups, industry design meetings, and production reviews.

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10.4 Support the technical review and approval of LCS seaframe's proposed alterations presented as Ship Change Documents or other technical documentation. Support the LCS seaframe JTD/RFD and Change Board review and approval process; advise PMS 505 on each proposed technical baseline modification.

10.5 Perform risk analysis of proposed design baseline modifications/changes. Provide a technical evaluation of each proposed change for the LCS Change Board. Identify documentation requiring revisions or updates as a result of new or modified industry designs.

10.6 Review each seaframe's design drawings, revision notices, ship specifications, contract data deliverables and verify equipment installations and drawings are in accordance with contract requirements.

10.7 Provide technical analyses and services for LCS ship design, naval architecture, marine engineering, and integrated systems engineering for Hull, Mechanical and Electrical (HM&E) systems issues, including Aviation IPTs and certifications.

10.8 Provide technical analyses and services for LCS Combat/C4I Systems integration including evaluating and advising the Government of risk areas, risk mitigation opportunities, and opportunities for commonality. Provide assistance for the risk reduction of each seaframe's network and software integration. Provide assistance to the Information Assurance Manager in the configuration management and Authority to Operate certification process.

10.9 Provide technical analyses and services for Machinery Control Systems issues including evaluating and advising the Government of risk areas and opportunities for risk reduction.

10.10 Support the development of design solutions for production challenges as they emerge for current and future technical baselines.

10.11 Coordinate LCS seaframe testing lessons-learned from Post Delivery Test and Trials results and develop corrective actions for current and future hulls/variants.

10.12 Develop and maintain configuration data. Coordinate the resolution of discrepancies.

10.13 Help the Government prepare statements of work and coordination of pricing and scheduling and monitoring the execution of Contractor Special Studies related to design/systems engineering. Provide advice regarding technical input for new solicitations in support of future LCS flights.

10.14 Engineering Analysis. Assist in the preparation of engineering, analysis, and technical studies support. Review and assist in the Government's evaluation of LCS production execution. Help the Government evaluate and validate requirements traceability for operational requirements, performance requirements, Measures of Performance (MOPs) and Measures of Effectiveness (MOEs). Perform risk analyses and assessments of proposed alternatives. Assist in developing and evaluating plans, procedures and processes for Navy Certifications and Verification and Validation, as they relate to the elements of the LCS system design. Support the development of independent system engineering analyses to identify and recommend resolutions to emergent issues. Analyze system functionality and requirements development. Perform interoperability

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assessments on the LCS as required.

10.15 Planning and Procedures. Assist in the development/evaluation plans, procedures, and processes as they relate to modernization and maintenance of LCS. Help develop government information, documentation, and technical studies provided to industry to assist in the definition and design of LCS. Develop for and provide the Government draft responses to industry queries. Provide support in the Government's development of all required technical documentation Acquisition Milestone events.

10.16 Schedule Analysis. For all production and scheduled maintenance availabilities, provide reports and recommendations on Integrated Master Schedule (IMS) analysis. Analyze the overall IMS, for schedule and data integrity, including relationship logic and calculated date and float values, progress status anomalies including out of sequence progressing, tracking & monitoring the critical path, analyzing resource demand spreads and assessing performance to the baseline/operational plan. Included will be schedule movement analysis, % low float analysis, review of activities reporting physical percent complete and resource level analysis to indicate where program is headed. Lists of critical or in jeopardy items will be highlighted. Provide technical inputs relating to IMS performance requirements.

10.17 Lifecycle Business Management. Monitor, assess, and report on performance of Sustainment Execution and Planning Yard contracts. Support the Program Office with EVM Analysis related to maintenance and modernization activities that correlate EVM/CPR data with actual surveillance information (assessing physical shipyard/maintenance yard performance and schedule adherence) to provide a complete picture. Develop and maintain Task Planning Sheets. Collect, track and manage to completion action items from OTB/OTSs, IBRs, and Program Reviews. Assist in the coordination and preparation in the production POM and PR submittals. Track funding documents and help manage production budget allocations. Prepare and provide production budget documentation in support of budget previews.

10.18 Propulsion Operating Guide. When tasked, research, develop and author a Propulsion Operating Guide (POG) for the applicable seaframe technical baseline in sufficient detail to conduct familiarization training to experienced and non-experienced LCS crew members, assessors and trainers.

10.19 Mission Bay Operations Manual (MBOM). When tasked, assist in the research, develop and author a MBOM for the applicable seaframe technical baseline in sufficient detail to conduct familiarization training to experienced and non-experienced LCS crew members, assessors and trainers.

10.20 Work Package Management. Analyze work packages to define readiness, establish readiness requirements and refine the readiness assessment process. Ensure that work packages support accurate physical progressing and cost reporting. For Continuous Maintenance Availabilities and Selected Restricted Availabilities, provide Work package analysis to define production readiness, establish production readiness requirements and refine the production readiness assessment process. Ensure that work packages are developed to support accurate physical progressing and cost reporting.

10.21 Post OWLD, track and manage the remaining open trial cards in DIMS making

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recommendations for inclusion in scheduled maintenance periods until all trail cards associated with the particular seaframe have been closed

10.22 In-Service Test Management. When the seaframe is in a Selected Restricted Availability, assist in on-site inspection functions for ship tests (to include post repair trials), certifications and trials. Record documented deficiencies, their screenings and status using an automated information system.

10.23 Post OWLD Hull Support Management. Provide primary support for the LCS Hull Manager (HM) and is the focal point for post OWLD planning and execution efforts. Monitor work item candidates from various sources including the Configuration Control Board (CCB), PEO IWS, HM&E Support Team, PDSM, Ships Force, and Lessons Learned. Generate Planning Letters for growth and emergent items during Post OWLD. Produce chit request for the various work items. Create and maintain a Post-PSA tracking matrix to ensure that work items not completed during the PSA window will remain open until completion.

10.24 Post OWLD Trial Cards Management.: Provide a Trial Card Manager (TCM) to each ship. The TCM supports the LCS Hull Manager (HM) and is the focal point for all Trial Card Management efforts Post OWLD. Work with the PMS HM to resolve trial card issues as they arise and to track and close all trial cards and work items. Be responsible for the proper closure (signed-off by the appropriate personnel) of all trial cards and maintain the Database for the Compartment Closeout Process.

10.25 Post OWLD Hull Engineering Support. Provide a Hull Engineer to each ship. The Hull Engineer supports the LCS Hull Manager (HM) and is the focal point for all technical issues Post OWLD on behalf of the HM. Represent the HM at the CCB, assist in coordinating the inclusion of ECPs into the Post OWLD work packages. Assist in the resolution of HM&E engineering design and technical issues of the HM&E portion of the Post OWLD work packages.

Post OWLD Hull Engineer will support the HM for HM&E installations accomplished Post OWLD. Review work items for technical accuracy. Provide onsite Engineering support during Post OWLD Availabilities.

11.0 SURGE

If, as a result of unforeseen Program circumstances, it is determined that an increased level of effort is required, the Government reserves the right to exercise a “surge” Option CLIN for additional work under the Task Order.

HQ C-2-0066 CONTRACTOR SAFETY AND HEALTH REQUIREMENTS FOR ACCESS TO NAVSEA/PEO SITE (MAY 2012)

(a) Contractor personnel shall comply with all badging and security procedures required to gain access to any NAVSEA/PEO site. Contact the Contracting Officer’s Representative (COR) for specific requirements.

(b) Contractors are required to adhere to the requirements of 29 CFR 1910, 29 CFR 1926 and applicable state and local requirements while in NAVSEA/PEO government spaces. Contractors who are injured on site shall notify SEA 04RS, Safety Office, via the COR.

(c) NAVSEA/PEO site facilities are low to mid-rise buildings with elevators and a contractor operated restaurant facility in building 197. Utility areas, electrical/phone closets and the roof

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are generally secured areas with restricted access. NAVSEA/PEO HQ sites generally exhibit low hazards with no personal protection equipment (PPE) requirements. Hazards are those typically found in an office environment. Slips, trips and falls on wet/icy surfaces, pest control, and ergonomic concerns are the primary hazards. It is expected that contractor employees will have received training from their employer on hazards associated with the areas in which they will be working and know what to do in order to protect themselves.

(d) Contractors whose employees perform work within NAVSEA/PEO government spaces in excess of 1000 hours per calendar quarter during a calendar year shall submit the data elements on OSHA Form 300A, Summary of Work Related Injuries and Illnesses, for those employees to SEA 04RS via the Contracting Officer's Representative by 15 January for the previous calendar year, even if no work related injuries or illnesses occurred.

(e) Any contractor employee exhibiting unsafe behavior may be removed from the NAVSEA/PEO site. Such removal shall not relieve the contractor from meeting its contractual obligations and shall not be considered an excusable delay as defined in FAR 52.249-14.

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SECTION D PACKAGING AND MARKING

APPLICABLE TO ALL ITEMS (Except 7002) - There are no packaging or marking requirements for the services order under this Task Order. All requirements for packaging and marking of supplies or documents associated with the services shall be packaged, packed and marked in accordance with the provisions set forth below or as specified in the Technical Instructions.

DATA PACKAGING LANGUAGE - All unclassified data to be shipped shall be prepared for shipment in accordance with best commercial practice. Classified reports, data, and documentation shall be prepared for shipment in accordance with National Industrial Security Program Operating Manual (NISPOM), DOD 5220.22-M dated 28 February 2006.

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) whether the contract was competitively awarded
- (5) sponsor:

NAVSEA (PMS 501)

Attn:

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

TRANSPORTATION OF EQUIPMENT/MATERIAL. Upon completion of this order, all government furnished and contractor purchased property, hardware, COTS, software, manuals, instruction guides, logs, source code, scripts, database schemas, tables, triggers, stored procedures and data shall be securely packed and shipped by the Contractor to a location to be provided by the government representative at Contractor expense.

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SECTION E INSPECTION AND ACCEPTANCE

CLAUSES INCORPORATED BY REFERENCE

52.246-3 Inspection of Supplies Cost Reimbursement MAY 2001

52.246-5 Inspection of Services Cost-Reimbursement APR 1984

CLAUSES INCORPORATED IN FULL TEXT

INSPECTION AND ACCEPTANCE LANGUAGE FOR LOE SERVICES

Item(s) 7000 and 7001, if exercised 7100, 7101, 7200 and 7201, and if earned and exercised 7300, 7301, 7400, and 7401. Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government, DODAAC N00024. **Note that the COR is identified in Section G of this Task Order.*

INSPECTION AND ACCEPTANCE LANGUAGE FOR DATA

Inspection and acceptance of all data shall be as specified in the Statement of Work (SOW) and associated CDRL.

INSPECTION AND ACCEPTANCE LANGUAGE FOR ODCs

Inspection and acceptance of all ODCs shall be as specified on TIs.

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SECTION F DELIVERABLES OR PERFORMANCE

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

7000	7/27/2016 - 7/26/2017
7001	7/27/2016 - 7/26/2017
7100	7/27/2017 - 7/26/2018
7101	7/27/2017 - 7/26/2018
7110	9/15/2017 - 7/26/2018
7111	7/27/2017 - 7/26/2018
7200	7/27/2018 - 7/26/2019
7201	7/27/2018 - 7/26/2019
7202	9/25/2018 - 9/30/2019
7203AA	9/25/2018 - 9/30/2019
7203AB	7/27/2018 - 2/28/2019
9000	7/27/2016 - 7/26/2017
9100	7/27/2017 - 7/26/2018
9110	9/15/2017 - 7/26/2018
9111	7/27/2017 - 7/26/2018
9200	7/27/2018 - 7/26/2019
9202	9/25/2018 - 9/30/2019
9203AA	9/25/2018 - 9/30/2019
9203AB	7/27/2018 - 2/28/2019
9210	7/27/2018 - 7/26/2019

CLIN - DELIVERIES OR PERFORMANCE

For proposal purposes, the estimated date of Task Order award is 9 October 2014. The Government reserves the right to award sooner or later if necessary. The start and end dates will be updated accordingly upon Task Order Award.

PERFORMANCE LANGUAGE FOR LOE SERVICES

The contractor shall perform the work described in SECTION C, at the level of effort specified in SECTION B, as follows:

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

7000	7/27/2016 - 7/26/2017
7001	7/27/2016 - 7/26/2017
7100	7/27/2017 - 7/26/2018
7101	7/27/2017 - 7/26/2018
7110	9/15/2017 - 7/26/2018

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7111	7/27/2017 - 7/26/2018
7200	7/27/2018 - 7/26/2019
7201	7/27/2018 - 7/26/2019
7202	9/25/2018 - 9/30/2019
7203AA	9/25/2018 - 9/30/2019
7203AB	7/27/2018 - 2/28/2019
9000	7/27/2016 - 7/26/2017
9100	7/27/2017 - 7/26/2018
9110	9/15/2017 - 7/26/2018
9111	7/27/2017 - 7/26/2018
9200	7/27/2018 - 7/26/2019
9202	9/25/2018 - 9/30/2019
9203AA	9/25/2018 - 9/30/2019
9203AB	7/27/2018 - 2/28/2019
9210	7/27/2018 - 7/26/2019

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

7300	7/27/2019 - 7/26/2020
7301	7/27/2019 - 7/26/2020
7400	7/27/2020 - 7/26/2021
7401	7/27/2020 - 7/26/2021
9300	7/27/2019 - 7/26/2020
9400	7/27/2020 - 7/26/2021

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

DATA DELIVERY LANGUAGE FOR SERVICES ONLY PROCUREMENTS

All data to be furnished under this contract shall be delivered prepaid to the destination(s) and at the time (s) specified on the Contract Data Requirements List(s), DD Form 1423.

CLAUSES INCORPORATED BY REFERENCE

52.242-15 Stop-Work Order AUG 1989 (Alternate I APR 1984)

52.247-34 FOB ORIGIN, CONTRACTOR'S FACILITY (FEB 2006)

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SECTION G CONTRACT ADMINISTRATION DATA

CLAUSES INCORPORATED IN FULL TEXT:

SYSTEM FOR AWARD MANAGEMENT (SAM) – The contractor must be registered in the System for Award Management (SAM) in order to be eligible for award. The Contractor must maintain registration throughout the ordering period. PAYMENT will not be made to the contractor if the Contractor’s registration lapses.

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.

252.204-7006 BILLING INSTRUCTIONS (OCT 2005)

When submitting a request for payment, the Contractor shall—

- (a) Identify the contract line item(s) on the payment request that reasonably reflect contract work performance; and
- (b) Separately identify a payment amount for each contract line item included in the payment request.

252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS AND RECEIVING REPORTS (MAR 2008)

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

- (1) “Contract financing payment” and “invoice payment” have the meanings given in section 32.001 of the Federal Acquisition Regulation.
 - (2) “Electronic form” means any automated system that transmits information electronically from the initiating system to all affected systems. Facsimile, e-mail, and scanned documents are not acceptable electronic forms for submission of payment requests. However, scanned documents are acceptable when they are part of a submission of a payment request made using Wide Area WorkFlow (WAWF) or another electronic form authorized by the Contracting Officer.
 - (3) “Payment request” means any request for contract financing payment or invoice payment submitted by the Contractor under this contract.
- (b) Except as provided in paragraph (c) of this clause, the Contractor shall submit payment requests and receiving reports using WAWF, in one of the following electronic formats that WAWF accepts: Electronic Data Interchange, Secure File Transfer Protocol, or World Wide Web input. Information regarding WAWF is available on the Internet at <https://wawf.eb.mil/>.

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(c) The Contractor may submit a payment request and receiving report using other than WAWF only when—

(1) The Contracting Officer authorizes use of another electronic form. With such an authorization, the Contractor and the Contracting Officer shall agree to a plan, which shall include a timeline, specifying when the Contractor will transfer to WAWF;

(2) DoD is unable to receive a payment request or provide acceptance in electronic form;

(3) The Contracting Officer administering the contract for payment has determined, in writing, that electronic submission would be unduly burdensome to the Contractor. In such cases, the Contractor shall include a copy of the Contracting Officer’s determination with each request for payment; or

(4) DoD makes payment for commercial transportation services provided under a Government rate tender or a contract for transportation services using a DoD-approved electronic third party payment system or other exempted vendor payment/invoicing system (e.g., PowerTrack, Transportation Financial Management System, and Cargo and Billing System).

(d) The Contractor shall submit any non-electronic payment requests using the method or methods specified in Section G of the contract.

(e) In addition to the requirements of this clause, the Contractor shall meet the requirements of the appropriate payment clauses in this contract when submitting payment requests.

52.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS (JUN 2012)

(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

(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

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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(s).

_____ Cost Voucher _____
(Contracting Officer: Insert applicable document type(s).)

Note: If a “Combo” document type is identified but not supportable by the Contractor’s business systems, an “Invoice” (stand-alone) and “Receiving Report” (stand-alone) document type may be used instead.)

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

(Contracting Officer: Insert inspection and acceptance locations or “Not applicable.”)

(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>
Pay Official DoDAAC	<i>HQ0338</i>
Issue By DoDAAC	<i>N00164</i>
Admin DoDAAC	<i>N00164</i>
Inspect By DoDAAC	<i>NA</i>
Ship To Code	<i>N00164</i>
Ship From Code	<i>NA</i>
Mark For Code	<i>N00164</i>
Service Approver (DoDAAC)	<i>N00024</i>
Service Acceptor (DoDAAC)	<i>N00024</i>
Accept at Other DoDAAC	<i>N00024</i>
LPO DoDAAC	<i>NA</i>
DCAA Auditor DoDAAC	<i>TBD</i>
Other DoDAAC(s)	

(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

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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

(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. NAVSEA HQ Helpdesk: WAWFHQ@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.

TYPE OF ORDER

This task order is a Cost-Plus-Incentive-Fee (CPIF) and Cost-Plus-Fixed-Fee (CPFF) for labor line items and cost-only for ODCs. The contractor shall devote the specified level of effort for time period(s) stated in Section B and H, as applicable.

POINTS OF CONTACT - The Government points of contact for this Task Order are as follows:

OMBUDSMAN (NAVSEA AND OVERARCHING)

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PROCURING CONTRACTING OFFICER (PCO)

PURCHASE OFFICE REPRESENTATIVE (POR)*

CONTRACTING OFFICER'S REPRESENTATIVE (COR)

The Government reserves the right to unilaterally change the points of contacts at anytime.

Accounting Data

SLINID	PR Number	Amount
700001	130056065500004	1500000.00
LLA :		
AA 1731611 C281 251 24VCS 0 050120 2D 000000 A30003359010		
700002	130056065500001	3650000.00
LLA :		
AB 1751611 C281 251 24VCS 0 050120 2D 000000 A00003359010		
700003	130056065500002	3650000.00
LLA :		
AC 1751611 C281 251 24VCS 0 050120 2D 000000 A10003359010		
700004	130056065500003	3700000.00
LLA :		
AD 1751611 C281 251 24VCS 0 050120 2D 000000 A20003359010		
700005	130056245100001	70754.00

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LLA :
AE 1761804 8B1B 251 24VCS 0 050120 2D 000000 A00003370509

700006 130056245100002 142500.00
LLA :
AF 1761804 8C1C 251 24VCS 0 050120 2D 000000 A40003370509

700007 130056245100003 1211746.00
LLA :
AG 1761804 8B4B 251 24VCS 0 050120 2D 000000 A30003370509

900001 130056065500005 1600000.00
LLA :
AH 1731611 C281 310 24VCS 0 050120 2D 000000 A30003359010

BASE Funding 15525000.00
Cumulative Funding 15525000.00

MOD 01 Funding 0.00
Cumulative Funding 15525000.00

MOD 02 Funding 0.00
Cumulative Funding 15525000.00

MOD 03

700101 130056065500006 276709.00
LLA :
AA 1731611 C281 251 24VCS 0 050120 2D 000000 A30003359010

MOD 03 Funding 276709.00
Cumulative Funding 15801709.00

MOD 04

700008 130064609800001 767355.00
LLA :
AK 1761319 C4KB 251 24VCS 0 050120 2D 000000 A00004016416

700009 130064609800002 1966645.00
LLA :
AM 1771319 C4KB 251 24VCS 0 050120 2D 000000 A10004016416

700010 130063580000002 1426812.00
LLA :
AL 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00003936445

700102 130064353900001 668000.00
LLA :
AN 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00003998966

700103 130056065500008 55368.00
LLA :
AP 1761611 C281 251 24VCS 0 050120 2D 000000 A40003359010

900002 130056065500009 828047.00
LLA :
AP 1761611 C281 251 24VCS 0 050120 2D 000000 A40003359010

900003 130063580000001 608000.00
LLA :
AL 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00003936445

MOD 04 Funding 6320227.00
Cumulative Funding 22121936.00

MOD 05

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700102 130064353900001 (59771.00)

LLA :
AN 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00003998966

700103 130056065500008 (15000.00)

LLA :
AP 1761611 C281 251 24VCS 0 050120 2D 000000 A40003359010

900004 130063580000003 59771.00

LLA :
AL 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00003936445

900005 130056065500010 15000.00

LLA :
AP 1761611 C281 251 24VCS 0 050120 2D 000000 A40003359010

MOD 05 Funding 0.00
Cumulative Funding 22121936.00

MOD 06

710001 130056065500012 5000000.00

LLA :
AP 1761611 C281 251 24VCS 0 050120 2D 000000 A40003359010

710002 130065513500001 2241575.00

LLA :
AR 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00004075880
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

710101 130065692900001 84000.00

LLA :
AQ 1771319 C4LC 251 24VCS 0 050120 2D 000000 A00004085957

910001 130056065500013 2274275.00

LLA :
AP 1761611 C281 251 24VCS 0 050120 2D 000000 A40003359010

910002 130065513500002 758425.00

LLA :
AR 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00004075880
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

910003 130065692900002 1000.00

LLA :
AQ 1771319 C4LC 251 24VCS 0 050120 2D 000000 A00004085957

MOD 06 Funding 10359275.00
Cumulative Funding 32481211.00

MOD 07

710102 130066962800010 28784.00

LLA :
AS 1771319 C4FD 251 24VCS 0 050120 2D 000000 A00004169692

710103 130066967000001 244900.00

LLA :
AT 1771804 8C1C 251 24VCS 0 050120 2D 000000 A00004170698
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 30 DECEMBER 2017, whichever occurs first. Contractor may

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continue to invoice after this date, but only for work performed during the applicable period.

711001 130066627100001 340361.00

LLA :

AU 97-11X8242 PPS4 251 V1C00 0 050120 2D 000000 A00004144580
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

910004 130066967000002 5100.00

LLA :

AT 1771804 8C1C 251 24VCS 0 050120 2D 000000 A00004170698
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

911001 130066627100002 15000.00

LLA :

AU 97-11X8242 PPS4 251 V1C00 0 050120 2D 000000 A00004144580
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

MOD 07 Funding 634145.00
Cumulative Funding 33115356.00

MOD 08

710003 130065513500003 200377.00

LLA :

AR 1771804 8B5B 251 24VCS 0 050120 2D 000000 A00004075880
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

710004 130065513500004 81125.00

LLA :

BE 1771804 8B5B 251 24VCS 0 050120 2D 000000 A10004075880
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

710005 130065513500005 771115.00

LLA :

AV 1771804 8B4B 251 24VCS 0 050120 2D 000000 A20004075880
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

710006 130065513500006 202204.00

LLA :

AW 1771804 8C1C 251 24VCS 0 050120 2D 000000 A30004075880
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

710007 130065513500007 220898.00

LLA :

AX 1771804 8C1C 251 24VCS 0 050120 2D 000000 A40004075880
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may

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continue to invoice after this date, but only for work performed during the applicable period.

710008 130067408700001 50633.00

LLA :

AY 1761319 C4KB 251 24VCS 0 050120 2D 000000 A00004203616

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

710009 130064609800005 53135.00

LLA :

AZ 1761319 C4KB 251 24VCS 0 050120 2D 000000 A20004016416

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

710010 130067408800001 3931.00

LLA :

BA 1751810 C1H5 251 24VCS 0 050120 2D 000000 A00004203620

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

710011 130067408900001 723679.00

LLA :

BB 1751810 C1LN 251 24VCS 0 050120 2D 000000 A00004203712

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

710104 130065513500008 328716.00

LLA :

AX 1771804 8C1C 251 24VCS 0 050120 2D 000000 A40004075880

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 30 NOVEMBER 2017, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

MOD 08 Funding 2635813.00

Cumulative Funding 35751169.00

MOD 09

710012 130056065500016 10000000.00

LLA :

BC 1771611 C281 251 24VCS 0 050120 2D 000000 A60003359010

MOD 09 Funding 10000000.00

Cumulative Funding 45751169.00

MOD 10

710105 130068277100010 40600.00

LLA :

BD 1771319 C4FD 251 24VCS 0 050120 2D 000000 A00004285561

MOD 10 Funding 40600.00

Cumulative Funding 45791769.00

MOD 11

710106 130068277100020 14600.00

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LLA :
BD 1771319 C4FD 251 24VCS 0 050120 2D 000000 A00004285561

MOD 11 Funding 14600.00
Cumulative Funding 45806369.00

MOD 12 Funding 0.00
Cumulative Funding 45806369.00

MOD 13

710107 130069484100001 642108.00

LLA :
BF 1781804 70BD 251 53824 S 060957 2D C003PM P00078NU000Q

710108 130069484100003 26159.00

LLA :
BG 1781804 70BD 251 53824 S 060957 2D C004PM P00078NU000Q

910005 130069484100002 2567.00

LLA :
BF 1781804 70BD 251 53824 S 060957 2D C003PM P00078NU000Q

910006 130069484100004 130329.00

LLA :
BG 1781804 70BD 251 53824 S 060957 2D C004PM P00078NU000Q

MOD 13 Funding 801163.00
Cumulative Funding 46607532.00

MOD 14

710012 130056065500016 3947803.00

LLA :
BC 1771611 C281 251 24VCS 0 050120 2D 000000 A60003359010

710013 130071137900001 4150000.00

LLA :
BH 1761810 C1LN 251 24VCS 0 050120 2D 000000 A00004508699

710014 130070842800001 250000.00

LLA :
BL 1781804 70BD 251 53824 S 060957 2D C002PM P00078NU000Q

710109 130071120700001 840100.00

LLA :
BL 1781804 70BD 251 53824 S 060957 2D C002PM P00078NU000Q

710110 130056065500017 47017.00

LLA :
BC 1771611 C281 251 24VCS 0 050120 2D 000000 A60003359010

711002 130071099200001 130000.00

LLA :
BJ 97-11X8242 PPT4 251 V1C00 0 050120 2D 000000 A00004505774
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2018, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

711101 130071114100001 340000.00

LLA :
BK 97-11X8242 2855 000 74552 0 065916 2D PSRW44 730380690SEV

910007 130071120700002 14900.00

LLA :
BL 1781804 70BD 251 53824 S 060957 2D C002PM P00078NU000Q

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910008 130056065500018 11380.00

LLA :
BC 1771611 C281 251 24VCS 0 050120 2D 000000 A60003359010

MOD 14 Funding 9731200.00
Cumulative Funding 56338732.00

MOD 15

720001 130056065500019 5000000.00

LLA :
BC 1771611 C281 251 24VCS 0 050120 2D 000000 A60003359010

720002 130072759300001 6244568.00

LLA :
BM 1781804 8B5B 251 24VCS 0 050120 2D 000000 A00004608021
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

720003 130064609800006 189492.00

LLA :
BN 1771319 C4KB 251 24VCS 0 050120 2D 000000 A30004016416
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

720101 130071099200002 595431.00

LLA :
BJ 97-11X8242 PPT4 251 V1C00 0 050120 2D 000000 A00004505774
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

720102 130071114100002 999026.00

LLA :
BK 97-11X8242 2855 000 74552 0 065916 2D PSRW44 730380690SEV

920001 130056065500020 910508.00

LLA :
BC 1771611 C281 251 24VCS 0 050120 2D 000000 A60003359010

920002 130072759300002 303282.00

LLA :
BM 1781804 8B5B 251 24VCS 0 050120 2D 000000 A00004608021
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

921001 130071114100003 50000.00

LLA :
BK 97-11X8242 2855 000 74552 0 065916 2D PSRW44 730380690SEV

MOD 15 Funding 14292307.00
Cumulative Funding 70631039.00

MOD 16

720004 130072759300003 867420.00

LLA :
BP 1781804 8B1B 251 24VCS 0 050120 2D 000000 B50004608021
10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the

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applicable period.

720005 130072759300004 160000.00

LLA :

BQ 1781804 8B1B 251 24VCS 0 050120 2D 000000 B90004608021

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

720006 130072759300005 47045.00

LLA :

BR 1781804 8B4B 251 24VCS 0 050120 2D 000000 C10004608021

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period

720007 130072759300006 316227.00

LLA :

BS 1781804 8B4B 251 24VCS 0 050120 2D 000000 C30004608021

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period

720008 130072759300007 394575.00

LLA :

BT 1781804 8C1C 251 24VCS 0 050120 2D 000000 C50004608021

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period

720009 130072759300008 23134.00

LLA :

BU 1781804 8C1C 251 24VCS 0 050120 2D 000000 C60004608021

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period

720010 130072759300009 1150000.00

LLA :

BV 1781804 8B1B 251 24VCS 0 050120 2D 000000 C70004608021

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 26 JULY 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period

7203AA 130074629900001 2450000.00

LLA :

BX 1781804 60BA 257 50054 068732 2D CDES02 50054800BRRQ

10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 30 September 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

7203AB 130074190200001 323865.00

LLA :

BW 1781804 8B5B 251 24VCS 0 050120 2D 000000 A00004699260

9203AA 130074629900002 50000.00

LLA :

BX 1781804 60BA 257 50054 068732 2D CDES02 50054800BRRQ

*10 USC 2410(a) funds expire for this SLIN 365 days from the effective date of above modification, or through 30 September 2019, whichever occurs first. Contractor may continue to invoice after this date, but only for work performed during the applicable period.

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9203AB 130074190200002 14900.00
 LLA :
 BW 1781804 8B5B 251 24VCS 0 050120 2D 000000 A00004699260

MOD 16 Funding 5797166.00
 Cumulative Funding 76428205.00

MOD 17

720011 130056065500021 14246759.00
 LLA :
 BY 1781611 C281 251 24VCS 0 050120 2D 000000 A70003359010

720103 130075337200001 4000.00
 LLA :
 CA 1781319 C4FD 251 24VCS 0 050120 2D 000000 A00004799303

920003 130056065500022 476468.00
 LLA :
 BY 1781611 C281 251 24VCS 0 050120 2D 000000 A70003359010

MOD 17 Funding 14727227.00
 Cumulative Funding 91155432.00

SECTION H SPECIAL CONTRACT REQUIREMENTS

CLAUSES INCORPORATED IN FULL TEXT:

NAVSEA 5252.232-9104 ALLOTMENT OF FUNDS (JAN 2008)

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

ITEM(S)	ALLOTTED TO COST	ALLOTTED TO FEE	ESTIMATED PERIOD	\$	\$
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

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

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

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

NAVSEA 5252.202-9101 ADDITIONAL DEFINITIONS (MAY 1993)

As used throughout this contract, the following terms shall have the meanings set forth below:

- (a) DEPARTMENT - means the Department of the Navy.
- (b) REFERENCES TO THE FEDERAL ACQUISITION REGULATION (FAR) - All references to the FAR in this contract shall be deemed to also reference the appropriate sections of the Defense FAR Supplement (DFARS), unless clearly indicated otherwise.
- (c) REFERENCES TO ARMED SERVICES PROCUREMENT REGULATION OR DEFENSE ACQUISITION REGULATION - All references in this document to either the Armed Services Procurement Regulation (ASPR) or the Defense Acquisition Regulation (DAR) shall be deemed to be references to the appropriate sections of the FAR/DFARS.

NAVSEA 5252.227-9113 GOVERNMENT-INDUSTRY DATA EXCHANGE PROGRAM (OCT 2006)

(a) The Contractor shall participate in the appropriate interchange of the Government-Industry Data Exchange Program (GIDEP) in accordance with NAVSEA S0300-BU-GYDH-40010 dated November 1994. Data entered is retained by the program and provided to qualified participants. Compliance with this requirement shall not relieve the Contractor from complying with any

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other requirement of the contract.

(b) The Contractor agrees to insert paragraph (a) of this requirement in any subcontract hereunder exceeding \$500,000.00. When so inserted, the word "Contractor" shall be changed to "Subcontractor". (c) GIDEP materials, software and information are available without charge from:

IDEP Operations Center
P.O. Box 8000
Corona, CA 92878-8000
Phone: (951) 898-3207
FAX: (951) 898-3250
Internet: <http://www.gidep.org>

NAVSEA 5252.242-9115 TECHNICAL INSTRUCTIONS (APR 1999)

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

(c) If, in the opinion of the Contractor, any technical instruction calls for effort outside the scope of the contract 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 contract.

(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.

5252.216-9122 LEVEL OF EFFORT (DEC 2000)

(a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be total man-hours per year including surge 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 (does not include surge CLINS).

(b) Of the total man-hours of direct labor set forth above, it is estimated that 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

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of the level of effort obligations under this contract.

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

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

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

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

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

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

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

(h) The Contractor shall provide and maintain an accounting system, acceptable to the

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

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

(j) 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.

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

NAVSEA 5252.237-9106 SUBSTITUTION OF PERSONNEL (SEP 1990)

(a) The Contractor agrees that a partial basis for award of this contract is the list of key personnel proposed. Accordingly, the Contractor agrees to assign to this contract those key persons whose resumes were submitted with the proposal who are necessary to fulfill the requirements of the contract. No substitution shall be made without prior notification to, and concurrence of, the Contracting Officer in accordance with this requirement.

(b) All proposed substitutes shall have qualifications equal to or higher than the qualifications of the person to be replaced. The Contracting Officer shall be notified in writing of any proposed

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substitution of personnel at least forty-five (45) days, or ninety (90) days if a security clearance is to be obtained, in advance of the proposed substitution. Such notification shall include: (1) an explanation of the circumstances necessitating the substitution; (2) a complete resume of the proposed substitute; and (3) any other information requested by the Contracting Officer to enable him/her to judge whether or not the Contractor is maintaining the same high quality of personnel that provided the partial basis for award.

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SECTION I CONTRACT CLAUSES

CLAUSES INCORPORATED BY REFERENCE

FAR 52.204-2 -- Security Requirements (AUG 1996)
 FAR 52.204-7 -- Central Contractor Registration (APR 2008)
 FAR 52.232-20 -- Limitation of Cost (APR 1984)
 FAR 52.204-9 -- Personal Identity Verification of Contractor Personnel (Sep 2007)
 FAR 52.232-22 -- Limitation of Funds (APR 1984)
 DFAR 252.204-7012 -- Safeguarding of Unclassified Controlled Technical Information

CLAUSES INCORPORATED IN FULL TEXT

52.216-8 Fixed Fee (Jun 2011) (Applicable to All CPFF Labor CLINs) if options exercised.

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

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

(End of clause)

FAR 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000) (NAVSEA VARIATION) (SEP 2009)

(a) The Government may extend the term of this contract by written notice(s) to the Contractor within the periods specified below. If more than one option exists the Government has the right to unilaterally exercise any such option whether or not it has exercised other options.

Item	Latest Option Exercise Date
7300	07/26/2020
7301	07/26/2020
7400	07/26/2021
7401	07/26/2021
9300	07/26/2020
9400	07/26/2021

(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 option(s) under this clause,

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shall not exceed five (5) years, however, in accordance with paragraph (g) of the requirement of this contract entitled "LEVEL OF EFFORT" (NAVSEA 5252.216-9122), if the total man-hours delineated in paragraph (a) of the LEVEL OF EFFORT requirement, have not been expended within the period specified above, the Government may require the Contractor to continue to perform the work until the total number of man-hours specified in paragraph (a) of the aforementioned requirement have been expended.

52.219-14 Limitations on Subcontracting (Nov 2011)

(a) This clause does not apply to the unrestricted portion of a partial set-aside.

(b) Applicability. This clause applies only to—

(1) Contracts that have been set aside or reserved for small business concerns or 8(a) concerns;

(2) Part or parts of a multiple-award contract that have been set aside for small business concerns or 8(a) concerns; and

(3) Orders set aside for small business or 8(a) concerns under multiple-award contracts as described in 8.405-5 and 16.505(b)(2)(i)(F).

(c) By submission of an offer and execution of a contract, the Offeror/Contractor agrees that in performance of the contract in the case of a contract for—

(1) Services (except construction). At least **50** percent of the cost of contract performance incurred for personnel shall be expended for employees of the concern.

(2) Supplies (other than procurement from a nonmanufacturer of such supplies). The concern shall perform work for at least **50** percent of the cost of manufacturing the supplies, not including the cost of materials.

(3) General construction. The concern will perform at least **15** percent of the cost of the contract, not including the cost of materials, with its own employees.

(4) Construction by special trade contractors. The concern will perform at least **25** percent of the cost of the contract, not including the cost of materials, with its own employees.

52.244-2 Subcontracts.

Subcontracts (Oct 2010) *Alternate I (June 2007)*.

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

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

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

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

(b) When this clause is included in a fixed-price type contract, consent to subcontract is required only on unpriced contract actions (including unpriced modifications or unpriced delivery orders),

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and only if required in accordance with paragraph (c) or (d) of this clause.

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

(1) Is of the cost-reimbursement, time-and-materials, or labor-hour type; or

(2) Is fixed-price and exceeds—

(i) For a contract awarded by the Department of Defense, the Coast Guard, or the National Aeronautics and Space Administration, the greater of the simplified acquisition threshold or 5 percent of the total estimated cost of the contract; or

(ii) For a contract awarded by a civilian agency other than the Coast Guard and the National Aeronautics and Space Administration, either the simplified acquisition threshold or 5 percent of the total estimated cost of the contract.

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

CONTRACTS WITH ANY FIRM NOT INCLUDED WITH THE BASIC CONTRACT PROPOSAL. FOR ADDING TEAM MEMBERS TO THE TASK ORDER AFTER AWARD, THE TASK ORDER CONTRACTING OFFICER'S APPROVAL IS REQUIRED. THE TASK ORDER CONTRACTING OFFICER WILL DETERMINE THE DOCUMENTATION TO BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL.

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

(i) A description of the supplies or services to be subcontracted.

(ii) Identification of the type of subcontract to be used.

(iii) Identification of the proposed subcontractor.

(iv) The proposed subcontract price.

(v) The subcontractor's current, complete, and accurate certified cost or pricing data and Certificate of Current Cost or Pricing Data, if required by other contract provisions.

(vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other provisions of this contract.

(vii) A negotiation memorandum reflecting—

(A) The principal elements of the subcontract price negotiations;

(B) The most significant considerations controlling establishment of initial or revised prices;

(C) The reason certified cost or pricing data were or were not required;

(D) The extent, if any, to which the Contractor did not rely on the subcontractor's certified cost or pricing data in determining the price objective and in negotiating the final price;

(E) The extent to which it was recognized in the negotiation that the subcontractor's certified cost or pricing data were not accurate, complete, or current; the action taken by the Contractor

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and the subcontractor; and the effect of any such defective data on the total price negotiated;

(F) The reasons for any significant difference between the Contractor's price objective and the price negotiated; and

(G) A complete explanation of the incentive fee or profit plan when incentives are used. The explanation shall identify each critical performance element, management decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities considered.

(e)(2) If the Contractor has an approved purchasing system and consent is not required under paragraph (c), or (d) of this clause, the Contractor nevertheless shall notify the Contracting Officer reasonably in advance of entering into any (i) cost-plus-fixed-fee subcontract, or (ii) fixed-price subcontract that exceeds either the simplified acquisition threshold or 5 percent of the total estimated cost of this contract. The notification shall include the information required by paragraphs (e)(1)(i) through (e)(1)(iv) of this clause

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

(1) Of the acceptability of any subcontract terms or conditions;

(2) Of the allowability of any cost under this contract; or

(3) To relieve the Contractor of any responsibility for performing this contract.

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

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

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

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

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252.203-7000 REQUIREMENTS RELATING TO COMPENSATION OF FORMER DOD OFFICIALS (JAN 2009)

(a) *Definition.* "Covered DoD official," as used in this clause, means an individual that—

(1) Leaves or left DoD service on or after January 28, 2008; and

(2)(i) Participated personally and substantially in an acquisition as defined in 41 U.S.C. 403(16) with a value in excess of \$10 million, and serves or served—

(A) In an Executive Schedule position under subchapter II of chapter 53 of Title 5, United States Code;

(B) In a position in the Senior Executive Service under subchapter VIII of chapter 53 of Title 5, United States Code; or

(C) In a general or flag officer position compensated at a rate of pay for grade O-7 or above under section 201 of Title 37, United States Code; or

(ii) Serves or served in DoD in one of the following positions: program manager, deputy program manager, procuring contracting officer, administrative contracting officer, source selection authority, member of the source selection evaluation board, or chief of a financial or technical evaluation team for a contract in an amount in excess of \$10 million.

(b) The Contractor shall not knowingly provide compensation to a covered DoD official within 2 years after the official leaves DoD service, without first determining that the official has sought and received, or has not received after 30 days of seeking, a written opinion from the appropriate DoD ethics counselor regarding the applicability of post-employment restrictions to the activities that the official is expected to undertake on behalf of the Contractor.

(c) Failure by the Contractor to comply with paragraph (b) of this clause may subject the Contractor to rescission of this contract, suspension, or debarment in accordance with 41 U.S.C. 423(e)(3).

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

(b) The standard language to be inserted is:

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

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

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

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

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SECTION J LIST OF ATTACHMENTS

Exhibit A - Contract Data Requirements Lists (CDRLs)

Attachment 1 - DD 254

Attachment 2 - QASP

Attachment 3 - Non Disclosure Agreement

Attachment 4 - Removed

Attachment 5 - PMS 501 Org Chart

Attachment 6 - PMS 505 Org Chart

Attachment 7 - Approved Key Personnel (Updated on Mod 4).

Attachment 8 - Approved Key Personnel (Updated on Mod 16).