AMEND	MENT OF SO	OLICITATION	/MODIFICATION C	F CONTRACT	1. CONTRACT ID CO	DDE PAGE OF PAGES 1 2
2. AMENDMENT	/MODIFICATION NU	MBER	3. EFFECTIVE DATE	4. REQUISITION/PURCHA		5. PROJECT NUMBER (If applicable)
	92		11/06/2020		379035	N/A
6. ISSUED BY		CODE	N66604	7. ADMINISTERED BY	(If other than Item 6)	CODE S5111A SCD C
NUWC, N	EWPORT D	IVISION		DCMA HAMP	TON	
•	ell Street, Bu			2128 Pershing	_	
	RI 02841-17	•		Fort Eustis, V	_	
			eet, county, State and ZIP Co	·	T T	NT OF SOLICITATION NUMBER
GVI, Inc.					9B. DATED (SE	
5700 Thu	rston Avenue	e, Suite 212			Job. BATEB (GE	_ 11
Virginia B	each, Virgini	a 23455			10A. MODIFICA	TION OF CONTRACT/ORDER NUMBE
					N00178-10-	-D-6066/N402
					10B. DATED (SI	EE ITEM 13)
CODE 1NPX3		FA	ACILITY CODE 114339224	ļ	09/27/2016	
		11. THIS ITE	M ONLY APPLIES TO	AMENDMENTS OF	SOLICITATIONS	
The above	numbered solicitation	is amended as set for	th in Item 14. The hour and d	ate specified for receipt of	Offers is extended.	is not extended.
Offers must ackn	owledge receipt of this	s amendment prior to	he hour and date specified in	the solicitation or as amen	ded, by one of the followir	ng me hods:
	items 8 and 15, and	•	·			n each copy of the offer submitted;
or (c) By separate	e letter or electronic co	ommunication which ir	ncludes a reference to the soli	citation and amendment nu	imbers. FAILURE OF YO	OUR ACKNOWLEDGMENT TO BE
						IN REJECTION OF YOUR OFFER. If
•	•	•	ready submitted, such change mendment, and is received pr			provided each letter or electronic
		TION DATA (If require		ior to the opening hour and	auto opeemeu.	
				ECTION G		
			PPLIES ONLY TO MOI E CONTRACT/ORDER			
CHECK ONE A						IADE IN THE CONTRACT ORDER
	NUMBER IN ITEM		(,)	•		
			ORDER IS MODIFIED TO RE ITEM 14, PURSUANT TO TH			s changes in paying office,
	., ,	•	,		· /	
	THE CHIPDIEMEN	ITAL ACDEEMENT IS	C ENTERED INTO DUROUAL	IT TO ALITHODITY OF		
	. THIS SUPPLEMEN	NIAL AGREEMENT R	S ENTERED INTO PURSUAN	IT TO AUTHORITY OF:		
$\overline{\mathbf{X}}$	O. OTHER (Specify ty	pe of modification and	d authority)			
	EVD 13 103/	'b) 'l Inilatoral	': FAR 52.252-22	'I imitation of Eu	ınde'	
	I AN 45. 105((b) Offiliateral	. I AN 32.232-22	Limitation of t	urius	
E IMPORTA	NT: Contractor	∑ is not □ i	s required to sign this o	document and return	conio	s to the issuing office.
	INT. Contractor	∑ is not		document and return	copie	s to the issuing office.
14. DESCRIPTION	ON OF AMENDMENT	/MODIFICATION (Org	ganized by UCF section headi	ngs, including solicitation/co	ontract subject matter whe	ere feasible)
SEE PAGE	2					
	_					
Event on provide	ad banain all tanna an	. d ditions of ho do	aumant referenced in Itama OA	ar 100 as haratafara ahar		and in full force and offeet
	of herein, all terms and TITLE OF SIGNER (cument referenced in Item 9A	or 10A, as heretofore char 16A. NAME AND TITLE C		
. S. C. TWANNE FAINE	E SI GIGITEIN	,po o, p.iiit)				
15B. CONTRAC	TOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES O	F AMERICA	16C. DATE SIGNED
						11/06/2020
(Sia	nature of person auth	orized to sign)		(Signatu	re of Contracting Officer)	11/00/2020

General Information

DISTRIBUTION:	
	_
NUWCDIVNPT Requisition #s:	
NUWCDIVNPT PID #:	
140440D14141 1 1 10 m.	
NUWCDIVNPT POC:	

This modification incorporates Technical Instruction's TI-517 and TI-591 by reference.

The purpose of this modification is to:

1. Provide additional funding.

SECTION B-

- 1. Establish new Priced SLINs 7501AS, 7501AT, 9501AN, and 9501AP.
- 2. Shift ceiling and hours from Holding CLIN 7500 to newly established Priced SLINs 7501AS and 7501AT.
- 3. Shift ceiling from Holding CLIN 9500 to newly established Priced SLINs 9501AN and 9501AP.

SECTION F -

1. The Period of Performance for Priced SLINs 7501AS, 7501AT, 9501AN, and 9501AP are added by this modification.

SECTION G -

1. Accounting and Appropriation Data LLA KK/7501AS, KL/7501AT, KK/9501AN, and KL/9501AP are added by this modification.

All other Task Order terms and conditions remain unchanged.

The conformed Task Order can be found in EDA and the SeaPort-NXG Portal.

ORDER FOR SUPPLIES OR SERVICES									PAGE 1 OF		
	_	SACCHES CONTAL		IES C							144
SELECTION CONTRACTOR CONTRACTOR	ORDER/AGREEMENT NO.	2. DELIVERY	ORDER/CALL NO.		3. DATE OF ORDER (YYYYMMMDD)		4. REO			REQUEST NO.	5. PRIORITY
N00178-1	10-D-6066		N402		2020NOV	706		130	0879	0035	DO-C9
6. ISSUED BY		CODE	N66604	7. ADN	VIINISTERED BY (If o	ther than 6	5) (CODE	S5111A		8. DELIVERY FOB
NUWC, NEWPORT	DIVISION			DCM	A HAMPTON					SCD: C	to the second of
1176 Howell Street,					Pershing Avenue						OTHER (See Schedule If
Newport, RI 02841-	1708			Fort F	Eustis, VA 23604						other)
9. CONTRACTOR		CODE	1NPX3	F	FACILITY 114339	224	A COLOR OF THE PARTY OF THE PAR	LIVER TO		INT BY (Dafe)	11. X IF BUSINESS IS
•					•		9 0.00000	SEE S	SCHEI	DULE	SMALL DISAB
NAME GVI, Inc.								SCOUNT		*** * ****	SMALL DISAD- VANTAGED
AND 5700 Thur	rston Avenue, Suite 212	2	Net 30 Days WAWF					WOMEN-OWNED			
Virginia B	Beach, VA 23455			13. MAIL INVOICES TO THE ADDRESS I SEE SECTIO							
14. SHIP TO		CODE		15 PA	YMENT WILL BE MA	ADE BY	14	CODE	0.000.000.000.000		100000000000000000000000000000000000000
14. om 10		L		.0527863-161					HQ0338		MARK ALL PACKAGES AND
SEE SECTIO	NF				S Columbus Cent	ter,South	Entitl	ement	Operation	ons	PAPERS WITH IDENTIFICATION
				1000 0000000000000000000000000000000000	Box 182264	2264					NUMBERS IN
SELIVERY/ E				Colur	mbus, OH 43218	-2264					BLOCKS 1 AND 2.
16. DELIVERY/ CALL	This delivery order/cal	I is issued on a	another Government	t agency	or in accordance wi	th and sub	Ject to t	terms and	condition	ns of above num	nbered contract.
OF PURCHASE	Reference your									The second secon	n terms specified herein.
ORDER	BEEN OR IS NOW MO										
					Timothy Varvel						Sept. 4
GVI, Inc.	TT STOP			- 100	EPOC	TYPED	-14545 /	TITI	_		DATE CICNED
NAME OF CON			IGNATURE			TTPED	NAME A	AND TITL	E		DATE SIGNED (YYYYMMMDD)
	ed, supplier must sign Acco APPROPRIATION DATA/L	PALIFORNIA BRANCA	turn the following nu	umber o	f coples:						
		OCAL USL									
SEE SCHEDUL	E										
DES CHARLESTEE	1921 1		2) 3 (p) (1) (p) (p) (p) (p) (p) (p) (p) (p)	25(5)		20. QUA		21.			1919 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019 - 2019
18. ITEM NO.	19. 8	CHEDULE OF	SUPPLIES/SERVICES	5		ACCEPT	RED/ TED*	UNIT	22. U	NIT PRICE	23. AMOUNT
CEE	SCHEDULE										
SLL	SCHEDULE					1					
						1					
						1					
The second of	the Commont to	24. UNITED	STATES OF AMERIC	CA		4	31	1	$\overline{}$	25. TOTAL	
*If quantity accepted to same as quantity order	red, Indicate by X.	MAKARA ENTONIA MERCE	NO. And The State of the State			11/06/20	200		ŀ	26.	
If different, enter actual quantity ordered and e	al quantify accepted below encircle.	BY:				11/06/20 ontracti	CONTRACTOR DESCRIPTION	DERING C		DIFFERENCES	
27a. QUANTITY IN COL	LUMN 20 HAS BEEN									-	
INSPECTED	RECEIVED ACC	CEPTED, AND	CONFORMS TO EXCEPT AS NOTED:								
b. SIGNATURE OF AU	THORIZED GOVERNMENT			C.	DATE (YYYYMMMDD)				TITLE OF	AUTHORIZED G	OVERNMENT
					(11111111111111111111111111111111111111	REPRI	ESENTA	TIVE			
				-							
e. MAILING ADDRESS	OF AUTHORIZED GOVER	NMENT REPRE	SENTATIVE	2	8. SHIP. NO.	29. D.O.	VOUCH	IER NO.		30. INITIALS	
				 -	To a subdemarker 20 (1994)	No.			\longrightarrow		A CONTRACTOR OF THE CONTRACTOR
					PARTIAL	32. PAID	BY			33. AMOUNT	VERIFIED CORRECT FOR
f. TELEPHONE NUMBER g. E-MAIL ADDRESS					FINAL				}	-1	
22 I CEPTIEV THIS AC	COUNT IS CORRECT AND	DRODER FOR	DAVASENT		1. PAYMENT					34. CHECK NU	JMBER
	SNATURE AND TITLE OF C	CHARLES SHOW THE STATE			PARTIAL	1			ł	35. BILL OF LA	ADING NO
(YYYYMMMDD)				- 1	FINAL	1				JJ. BILL OF LA	toling No.
37. RECEIVED 38. RI	ECEIVED BY (Print)		39. DATE RECEIV	VED 4	0. TOTAL CON-	41. S/R A	ACCOUN	NT NUME	ER	42. S/R VOUCI	HER NO.
AT			(YYYYMMMD	וסכ	TAINERS						

Section B - Supplies and Services

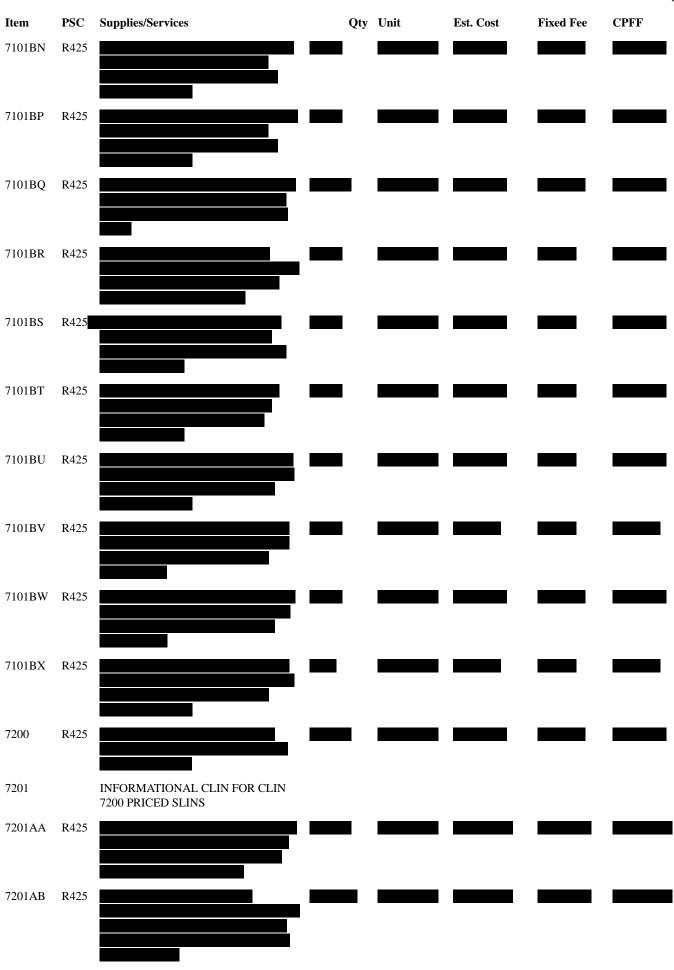
CLIN - SUPPLIES OR SERVICES

Cost Type Items:

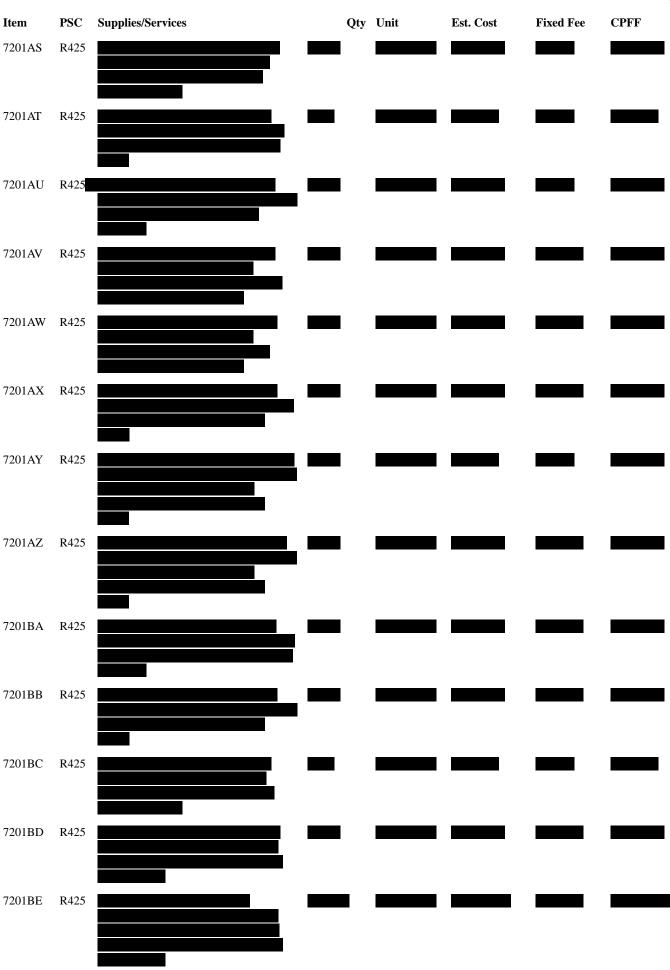


Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7101AK	R425						
7101AL	R425						
7101AM	R425		_		_		
7101AP	R425		_				
7101AQ	R425						
7101AR	R425						
7101AS	R425						
7101AT	R425						
7101AII	D 425						
7101AU 7101AV	R425						
7101AW							
7101AX							
7101AY	R425						

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7101AZ	R425				_		
7101BA	R425						
7101BB	R425				_	_	_
7101BC	R425				_	-	_
7101BD	R425		-				
7101BE	R425				_		_
7101BF	R425				_		
7101BG	R425						_
7101BH	R425						
7101BJ	R425				_		
7101BK	R425					_	
7101BL	R425				_	-	
7101BM	R425		-		_		_











Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7301		INFORMATIONAL CLIN FOR CLIN 7300 PRICED SLINS					
7301AA	R425						
7301AB	R425				100		
7301AC	R425		_				
7301AD	R425			_		_	_
7301AE	R425				_		
7301AF	R425						
7301AG	R425						
7301AH	R425				_		
7301AJ	R425		-	_			
7301AK	R425						
7301AL	R425				_		_
7301AM	R425						



Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7301BC	R425					_	
7301BD	R425				_	_	_
7301BE	R425				_	_	
7301BF	R425				_		_
7301BG	R425				_	_	_
7301BH	R425				_	_	
7301BJ	R425				_		_
7301BK	R425						
7301BL	R425				_	-	_
7301BM	R425		-		_	_	_
7301BN	R425				_	_	
7301BP	R425		-			_	



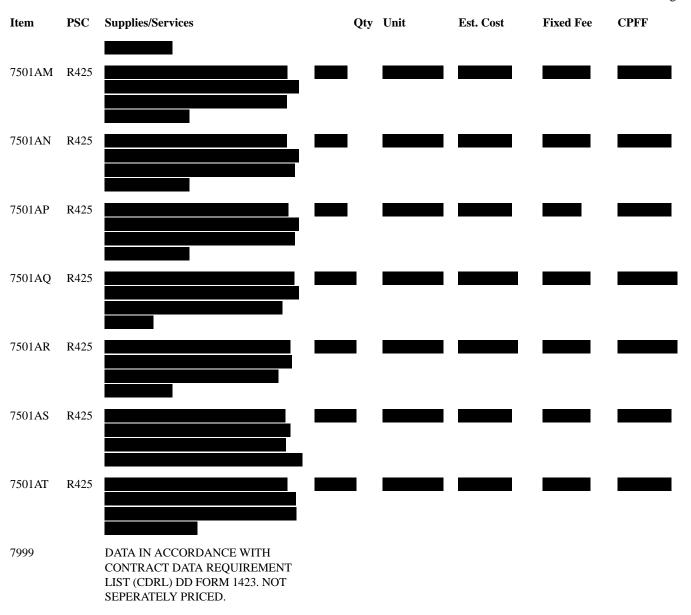
Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7301CD	R425						
7400	R425						
7401		INFORMATIONAL CLIN FOR CLIN 7400 PRICED SLINS					
7401AA	R425						
7401AB	R425						
7401AC	R425						
7401AD	R425						
7401AE	R425						
7401AF	R425						
7401AG	R425						
7401AH	R425						
7401AJ	R425						
7401AK	R425						
7401AL	R425						
7401AM	R425						

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7401AN	R425						
7401AP	R425						
7401AQ	R425						
7401AR	R425						
7401AS	R425		l	_			
7401AT	R425				_		0
7401AU	R425						
7401AV	R425						
7401AW	R425				_		
7401AX	R425						
7401AY	R425						
7401AZ							.00
7401BA	R425					,	

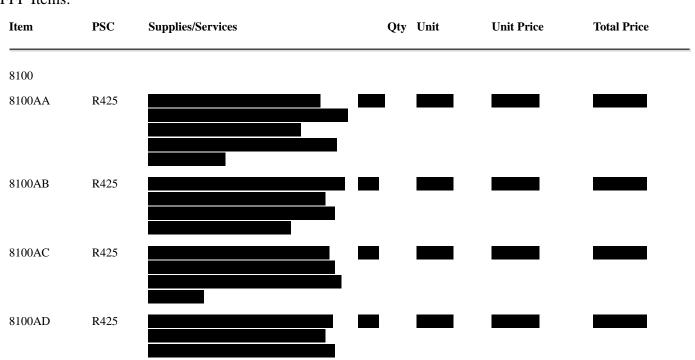
Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF Page
7401BB	R425			-			
7401BC	R425			-			
7401BD	R425			-	_	_	
7401BE	R425						
7401BF	R425						
7401BG	R425						
7401BH	R425						
7401BJ	R425			-			
7401BK	R425			-			
7401BL	R425			-			
7401BM	R425			-		_	
7401BN	R425			-	_	_	
7401BP	R425				_		
7401BQ	R425					-	

							Page
Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7401BR	R425						
7401BS	R425						
7401BT	R425						
7401DII	D 425						
7401BU	R425						
7401BV	R425						
71012	10.25						
7401BW	R425						
7401BX	R425						
7401BY	R425						
7401BZ	R425						
740164	D 425						
7401CA	R425						
7401CB	R425						
7401CC	R425						
7401CD	R425						
7401CE	R425						

							Page 1
Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7401CF	R425						
7401CG	R425						
7500	R425						
7501		INFORMATIONAL CLIN FOR CLIN 7500 PRICED SLINS					
7501AA	R425						
7501AB	R425						
7501AC	R425					<u> </u>	7/
7501AD	R425		25			50	
7501AE	R425						
7501AF	R425						
7501AG	R425						
7501AH	R425						
7501AJ	R425						
7501AK	R425						
7501AL	R425						



FFP Items:



							Page 20
Item	PSC	Supplies/Services	Qty	Unit	Unit Price	Total Price	
	e ter	NAVSEA PMS 450) (SCN)			2		
8100AE	R425		50				
8200							
8200AA	R425						
8200AB	R425	2	69				
02001115	10.120						
8200AC	R425		6) 60				
222217	D.10.		1 8		3		
8200AD	R425		8				
			20		9	<u> </u>	
8200AE	R425		te.				
8300							
8300AA	R425						
8300AB	R425		8			3	
	22.20		-0				
8300AC	R425						
9200AD	D 425				-		
8300AD	R425		.				
8300AE	R425						
8400							
8400AA	R425				3		
		No.					

Item	PSC	Supplies/Services		Qty	Unit	Unit Price	Total Price
8400AB	R425	(Fund Type - TBD)			_		_
8400AC	R425				_		
8400AD	R425				_	_	_
8400AE	R425				_		
8500							
8500AA	R425						
8500AB	R425		=		_		
8500AC	R425				_		_
8500AD	R425				-		_
8500AE	R425				_		
8999		DATA IN ACCORDANCE WITH CONTRACT DATA REQUIREMENT LIST (CDRL) DD FORM 1423. NOT SEPERATELY PRICED.					

Cost Only Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9000		Prime and Subcontractor Travel and Materials (with burdens, no fee)			
9100	R425		1		

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9101					
9101AA	R425				
9101AB	R425				
9101AC	R425				
9101AD	R425			•	
9101AE	R425			-	
9101AF	R425			•	
9101AG	R425			•	
9101AH	R425			•	
9101AJ	R425			-	_
9101AK	R425			-	
9101AL	R425			•	
9101AM	R425			•	
9101AN	R425			-	

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9101AP	R425				
9101AQ	R425		1		
9101AR	R425		l		
9101AS	R425				-
9101AT	R425		I		
9101AU	R425]	•	
9101AV	R425]	•	
9101AW	R425		I		
9101AX	R425		I		
9101AY	R425				
9101AZ	R425		1		
9101BA	R425				
9101BB	R425		I		
9101BC	R425		I		

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9101BD	R425				
9101BE	R425			•	
9101BF	R425				
9200	R425				
9201					
9201AA	R425				
9201AB	R425			•	
9201AC	R425			-	_
9201AD	R425			-	
9201AE	R425				
9201AF	R425			•	
9201AG	R425				_
9201AH	R425			•	
9201AJ	R425				
9201AK	R425				

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9201AL	R425				
9201AM	R425		l		
9201AN	R425		l	•	
9201AP	R425				
9201AQ	R425				
9201AR	R425		l		
9201AS	R425			•	
9201AT	R425			•	
9201AU	R425				
9201AV	R425				
9201AW	R425				
9201AX	R425			•	
9201AY	R425			•	
9201AZ	R425				

Item	PSC	Supplies/Services	Qty Unit	Est. Cost
9201BA	R425		•	
9201BB	R425		•	
9201BC	R425		-	_
9201BD	R425		-	_
9201BE	R425		-	
9201BF	R425		-	
9201BG	R425		-	
9201BH	R425		•	
9201BJ	R425		-	
9201BK	R425		-	
9201BL	R425			
720100	KT43		_	
9201BM	R425		-	
9201BN	R425		-	

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9201BP	R425			•	
9201BQ	R425				
9201BR	R425				
9201BS	R425				
9300	R425	ODC in support of CLIN 7300 (Fund			
9301					
9301AA	R425				
9301AB	R425				
9301AC	R425				
9301AD	R425				
9301AE	R425				
9301AF	R425				
9301AG	R425				
9301AH	R425				

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9301AJ	R425			-	
9301AK	R425				
9301AL	R425				
9301AM	R425				
9301AN	R425				
9301AP	R425				
9301AQ	R425				-
9301AR	R425				
9301AS	R425				
9301AT	R425				
9301AU	R425				
9301AV	R425				
9301AW	R425				
9301AX	R425				

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9301AY	R425				
9301AZ	R425		ĺ		
9301BA	R425		Î U		
9301BB	R425		2		
9301BC	R425		Í		
9301BD	R425				
9301BE	R425				
9301BF	R425		ľ		
9301BG	R425		Į.		
9301BH	R425		Į		
9301BJ	R425		Í		_
9301BK	R425		2.		
9301BL	R425		l		

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9301BM	R425				
9301BN	R425				
9400	R425				
9401					
9401AA	R425				
9401AB	R425				
9401AC	R425				
9401AD	R425				
9401AE	R425				20
9401AF	R425				
9401AG	R425				
9401AH	R425				
9401AJ	R425				
9401AK	R425				
9401AL	R425				

Item	PSC	Supplies/Services	Qty Unit	Est. Cost
9401AM	R425		.	
9401AN	R425		-	
9401AP	R425		-	
9401AQ	R425		-	
9401AR	R425		-	
9401AS	R425		-	
9401AT	R425		-	
9401AU	R425		-	
9401AV	R425		-	
9401AW	R425		-	
9401AX	R425		-	
9401AY	R425		-	
9401AZ	R425		=	
9401BA	R425		■,	_

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9401BB	R425			•	_
9401BC	R425			•	_
9401BD	R425			•	_
9401BE	R425			•	_
9401BF	R425			•	-
9401BG	R425			•	_
9401BH	R425			•	_
9401BJ	R425			•	_
9401BK	R425			-	_
9401BL	R425			-	_
9401BM	R425			-	_
9500	R425			•	
9501 9501AA	R425	Info - ODC			
9501AB	R425				

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9501AC	R425			•	_
9501AD	R425			-	
9501AE	R425			•	
9501AF	R425			•	
9501AG	R425			-	
9501AH	R425			•	_
9501AJ	R425			•	
9501AK	R425			•	
9501AL	R425			•	
9501AM	R425			•	
9501AN	R425			•	
9501AP	R425			•	

Labor CLIN	Fee Rate Per Hour*	Fee Percentage*
7100		
7200		
7300		
7400		
7500		

⁻ In the event of any inconsistency between the above table and the CLIN pricing, the CLIN pricing shall take precedence.

The following Clauses are incorporated by Full Text:

HQ B-2-0007 LIMITATION OF COST OR LIMITATION 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.

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" 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 fee 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.

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:
 - (1) travel at U.S. Military Installations where Government transportation is available,
 - (2) travel performed for personal convenience/errands, including commuting to and from work, and

(3) travel costs incurred in the replacement of personnel when such replacement is accomplished for the Contractor's or employee's convenience.

HQ B-2-0023 CONTRACT SUMMARY FOR PAYMENT OFFICE (COST/FIXED PRICE) (FEB 1997)

This contract includes the following mixture of cost reimbursement and fixed price line items:

7100 Cost Reimbursement (CPFF)

7200 Cost Reimbursement (CPFF)

7300 Cost Reimbursement (CPFF)

7400 Cost Reimbursement (CPFF)

7500 Cost Reimbursement (CPFF)

8100 Firm Fixed Price (FFP)

8200 Firm Fixed Price (FFP)

8300 Firm Fixed Price (FFP)

8400 Firm Fixed Price (FFP)

8500 Firm Fixed Price (FFP)

9100 Cost Reimbursement (Cost Only)

9200 Cost Reimbursement (Cost Only)

9300 Cost Reimbursement (Cost Only)

9400 Cost Reimbursement (Cost Only)

9500 Cost Reimbursement (Cost Only)

Section C - Description/Specifications/Statement of Work

STATEMENT OF WORK

TOWED, HULL AND SENSOR SYSTEMS TECHNICAL SERVICES

1.0 BACKGROUND

The Sensors and SONAR Systems Department, Code 15, of the Naval Undersea Warfare Center (NUWC) Division Newport is responsible for a full spectrum of engineering and research efforts pertaining to Sensors, SONAR, Undersea Warfare and Autonomous Vehicles. Code 15 is involved in every aspect and every phase of the engineering life cycle as it applies to sensor and SONAR systems. Platforms include submarines, surface ships, aviation, surveillance autonomous vehicles, distributed networks and irregular warfare.

The products and capabilities Code 15 is involved in include:

- Active and Passive Acoustic Systems
- Environmental Acoustic Technology and Systems
- Hull-Mounted, Fixed and Towed SONAR Systems
- Off-Board Sensor and SONAR Systems, Including Distributed Systems
- Human Systems Integration
- SONAR Trainer Systems, Training, Readiness and Operator Proficiency
- Transducers and Sonobuoys Materials, Measurements and Standards
- Underwater Acoustic Communications Systems
- Underwater Non-Acoustic and Environmental Systems
- Autonomous Vehicle Sensors and SONAR Systems.

2.0 SCOPE

Contract services are being sought to provide analyses, in-service engineering, prototype development, test and evaluation, and system engineering services in support of Towed, Hull and Sensor System programs. Towed Systems include developmental and in-service towed arrays, tow cables, towed array handling systems and associated signal path components. Hull and Sensor systems include hull mounted arrays, transducers, hydrophones, acoustic windows, outboard electronics, array structures and associated cabling.

2.1 APPLICABLE SYSTEMS

The scope of this effort includes the following Sensors and SONAR systems, subsystems, components, cables and connectors:

2.1.1 In-service Towed Arrays:

- TB-23 Series Thin Line
- TB-29 Series Thin Line
- Special TB-29A Towed Array (TOWA)
- TB-16 Series Fat Line Array
- TB-34 Series Fat Line Towed Array
- AN/SQR-18/19 Towed Array
- TB-37 Towed Array (Multi-function Towed Array)
- Twin Line (TL)-29A Towed Array
- Airborne Low Frequency SONAR (ALFS) towed array

2.1.2 In-service Towed Array Handling Systems:

- OA-9070 Series Thin Line Handling System
- OK-634 Thin Line Handling System
- OK-542 Thin Line Handling System
- OK-276 Series Fat Line Handling System
- OK-410 Handling System
- Special TB-29A array handling systems
- Airborne Low Frequency SONAR (ALFS) array handling system

2.1.3 In-service Towed Systems components and Special Test Equipment:

- Towed Array load and breakout boxes
- Special Test Equipment

2.1.4 Developmental Towed Arrays and Handling Systems:

- Next Generation Thin Line
- Next Generation Fat Line
- Next Generation Surface Arrays
- Next Generation Surveillance Towed Arrays
- Vector Sensor Arrays
- Thin Line Twin Line Arrays
- Embedded Sensor Arrays
- Compact Telemetry Array
- iPen and iPON Telemetry Arrays
- Open Architecture Telemetry Array
- NCOR Advanced Special Towed Array
- Other specialty towed arrays for unique applications
- Ohio Replacement Program Towed Arrays and Handling Systems
- Future Block Virginia Class Handling Systems
- Other towed array and towed array handling system developmental and improvement efforts for submarines, surface ships, and surveillance ships.
- Naval Air systems towed arrays and handling systems
- NS Navy System

2.1.5 Towed Systems Equipment:

- Towed Array and Cable Tension Test equipment
- OA-9070E, OA-9070B Thin Line handling system land-based test equipment
- OK-410 Surface Ship handling system land-based test equipment
- Towed Array Shaker Machine
- Helmholtz Coil Equipment, i.e. Heading Sensor Calibration equipment
- Fat Line and Thin Line towed array module booting equipment
- Tow Cable Test Equipment
- Future towed systems test equipment

2.1.6 Hull Systems In-Service Arrays

- Low Cost Conformal Array (LCCA)
- Light Weight Low Cost Conformal Array (LWLCCA)
- Light Weight Wide Aperture Array (LWWAA)
- Wide Aperture Array (WAA)
- High Frequency (HF) Sail Array
- Sphere Array
- Large Aperture Bow (LAB) SONAR Array
- HF Chin Array
- Large Vertical Array (LVA)

Low Frequency Line Array

2.1.7 Developmental Hull Array Systems

- Lightweight Low Cost Conformal Array (LWLCCA)
- Conformal Acoustic Velocity SONAR (CAVES) Arrays
- Large Flank Arrays
- Transducers
- LAB SONAR Array
- Large Vertical Array (LVA)
- Advance Concept Hull Arrays
- Prototype Hull Arrays
- Windows and Domes

2.1.8 In-Service Windows

- MX-10624 Window
- MX-12062 Window
- MX-12063 Window
- MX-12309 Window
- MX-12313 Window
- MX-12351 Window
- MX-11474 Window
- MX-12352 Window
- MX-7533 Window

2.1.9 In-Service Domes

- CW-1147 Dome
- CW-1181 Dome

2.1.10 In-Service Hull-Mounted Hydrophones, Transducers, Outboard Electronics (OBE) Canisters, and Associated Cables

- DT-100 Hydrophone
- DT-102 Hydrophone
- DT-276 Hydrophone
- DT-369 Hydrophone
- DT-511 Hydrophone
- DT-513 Hydrophone
- DT-574 Hydrophone
- DT-592 Hydrophone
- DT-677 Stave Assembly
- DT-699 Hydrophone
- DT-700 Hydrophone
- DT-705 Hydrophone
- DT-707 Hydrophone
- DT-708 Hydrophone
- DT-713 Hydrophone
- DT-714 Hydrophone
- OB-122/U WAA OBE
- TD-1479/U LSA OBE
- TD-1485 LCCA OBE
- TR-232 Transducer
- TR-233 Transducer
- TR-281 Transducer
- TR-282 Transducer

- TR-302 Transducer
- TR-313 Transducer
- TR-317 Transducer
- TR-321 Transducer
- TR-330 Transducer
- TR-338 Transducer
- TR-341 Transducer
- TR-343 Transducer
- TR-353 Transducer
- TR-355 Transducer
- TR-364 Transducer
- TR-366 Transducer

2.1.11 AN/ BQT-1 Acoustic Augmentation Support Program (AASP)

2.1.12 Acoustic Measurements and Standards (Undersea Sound Reference Division-USRD)

2.2 APPLICABLE SPONSORS

- Defense Advanced Research Projects Agency (DARPA)
- Foreign Military Sales (FMS) Office
- IWS 5, Undersea Systems
- IWS 9, DDG 1000
- Naval Air Systems Command (NAVAIR)
- Naval Supply Systems Command (NAVSUP)
- Naval Shipyards
- Navy Engineering and Logistics Office
- Navy International Program Office (NIPO)
- Office of Naval Intelligence (ONI)
- Office of Secretary of Defense (OSD)
- Office of Naval Research (ONR)
- PMS 394, Advanced Undersea Systems
- PMS 397, OHIO Replacement Program
- PMS 401, Submarine Acoustic Systems
- PMS 406, Unmanned Maritime Systems
- PMS 450 VIRGINIA Class
- PMS 485, Maritime and Surveillance Systems
- PMS 495, Mine Warfare
- PMS 500, DDG100 Zumwalt Class Destroyer
- United States Navy (USN) Fleet Forces
- SEA07, Submarine Technology Program Office
- · Homeland Security; Coast Guard
- Academia
- · Commercial entities

2.3 APPLICABLE NUWCDIVNPT DEPARTMENTS

This contract is applicable to the Sensors and SONAR Department, Code 15, of the Naval Undersea Warfare Center Division Newport, RI.

2.4 FUNDING TYPES

Funding types to be used under this contract include:

Operations & Maintenance, Navy (O&MN)

- Ship Construction, Navy (SCN)
- Other Procurement, Navy (OPN)
- Research, Development, Test & Evaluation, Navy (RDT&EN)
- Research, Development, Test & Evaluation, Non-Navy (RDDA)
- Service Cost Center (SCC)
- Foreign Military Sales (FMS)
- Special Deposits (SPDP)
- Office of Homeland Defense CoastGuard (OGVT)

3.0 APPLICABLE DOCUMENTS

The latest version of the following government documents are provided as directives for performing the work required under this statement of work.

	Document Name	Applicable SOW Task(s)
3.1	RESERVED	N/A
3.2	NUWCDIVNPTINST 5500.4 Series, Command Security Manual	All Sections
3.3	NUWCDIVNPTINST 5090.3 Series, Hazardous Materials Control Program	4.1, 4.3, 4.7
3.4	NUWCDIVNPTINST 5100.5 Series, Occupational Safety and Health (OSH) Program	4.1, 4.3, 4.7
3.5	NUWCDIVNPTINST 5000.7 Series, Policy for Systems Engineering	4.1
3.6	NUWCDIVNPT Administrative Publication 11,860-4 Sensors and Sonar Systems Department: Systems Engineering Desk Book	4.1
3.7	Program Executive Office, Submarines Submarine Acoustics Systems (PMS401) System Engineering Plan Version 1.1 19 April 2012	4.1
3.8	IEEE Standard 12207-2008 Systems and Software Engineering, Software life cycle processes, IEEE Computer Society	4.2
3.9	ANSI/HFES 200 - Human Factors Engineering of Software User Interfaces	4.3
3.10	DoD Instruction 5200.39 Series, Critical Program Information (CPI) Protection Within the Department of Defense	4.3
3.11	RESERVED	N/A
3.12	NAVSEA Instruction SP800-126, Information Assurance	4.3
3.13	NAVSEAINST 4720.14 Series, Temporary Alterations to Active Fleet Submarines, 5 March 2004	4.4.1
3.14	NAVSEA Technical Specification 9090-310 Alterations to Ships Accomplished by Alteration Installation Teams	4.4.1
3.15	NAVSEA S9070-AA-MME-010/SSN/SSBN Technical Requirements Manual for Temporary Submarine Alterations	4.4.1
3.16	NUWCDIVNPTINST 9700.1 Series, OPALT/TEMPALT Installation Guide (Submarines)	4.4.1
3.17	NUWCDIVNPTINST 9700.2 Series, SHIPALT Manual	4.4.1
3.18	NAVSEA Technical Specification 9090-1500, Policies and Procedures Manual Provisioning Allowance, and Fitting Out Support (PAFOS), Change G, Chapter 9 Installation and Checkout (INCO) Material	4.4.2
3.19	COMUSFLTFORCOM/COMPACFLT INSTRUCTION 6320.3 Series, Medical Screening For U.S. Government Civilian Employees, Contractor Employees, Guests And Visitors Prior To Embarking Fleet Units	4.4.2
3.20	OPNAVINST 6420.1 Series, Physical Requirements for Non-Submarine Personnel Embarked on Submarines	4.4.2
3.21	DoD Test and Evaluation Management Guide, 6th Edition	4.5
3.22	MIL-STD-31000A, Standard Practice, Technical Data Packages	4.6.1
3.23	MIL-STD-2073-1E Standard Practice for Military Packaging	4.6.2, 4.7.1
3.24	NETC Course Development, Revision, and Modification End-to-End (E2E) Process Standard Operating Procedures (SOP)	4.6.3

	Document Name	Applicable SOW Task(s)
3.25	NAVSEAINST 4790.8 Series, Ships' Maintenance and Material Management (3-M) Manual	4.6.4, 4.6.5, 4.6.8
3.26	NUWC Drawing 50225-00267RD Configuration Management Engineering Drawing Requirements	4.6.7, 4.6.8
3.27	NUWC Drawing 50225-00266MN Configuration Management Engineering Change Document Manual	4.6.7, 4.6.8
3.28	MIL-HDBK-61A Configuration Management Guidance	4.6.7, 4.6.8, 4.7.1
3.29	NUWCDIVNPT Emergency Action Guidelines	4.7.12
3.30	NUWCDIVNPTINST 5100.1, Weight Handling	4.7.12
3.31	Standard Operating Procedures, Hull Sensors Laboratory	4.7.1
3.32	Standard Operating Procedures, Underwater Sound Reference Laboratory	4.7.1
3.33	Standard Operating Procedures, Towed Array Laboratory	4.7.1
3.34	DoD Instruction 8500.01 Cybersecurity, March 14, 2014	4.1.1
3.35	DoD Instruction 8510.01 Risk Management Framework for DoD Information Technology, March 12, 2014	4.1.1
3.36	DoD Directive 5144.02 DoD Chief Information Officer April 22, 2013	4.1.1

4.0 TASK DESCRIPTION

The contractor shall perform the tasks in section 4.0 in accordance with Technical Instructions (TIs) and Applicable Documents (Section 3.0) using Government Furnished Information (Section 5.0) for the systems identified in section 2.1.

The contractor shall prepare a Software Development Plan for Government review and concurrence for computer software developed and maintained. The contractor shall identify any changes, modifications, additions or substitutions to the SDP and upon Government concurrence update the SDP for the specific computer software. The Software Development Plan (SDP) shall be delivered in accordance with CDRL A001.

4.1 SYSTEMS ENGINEERING

4.1.1 Technical Investigations

The contractor shall perform technical investigations on issues including degraded performance, damaged equipment, intermittent operations, requirement deviations, training shortfalls, system interfaces, insufficient operability, platform integration and component obsolescence. Technical issues will be identified during engineering activities including requirements generation, design, development, documentation reviews, fabrication, integration, installation, test & evaluation, qualification, acceptance, certification, maintenance, fielding, sparing, training and disposal of systems. The contractor shall identify alternative solutions, proposed upgrades and recommended courses of action to determine and compare the associated risks and performance, cost and schedule impacts and trade-offs. The contractor shall deliver technical investigations in accordance with CDRL A002.

4.1.2 Documentation Review

The contractor shall review documentation such as system specifications, design documents, engineering change proposals (ECP), program trouble reports, test reports, operational requirements documents, test plans, maintenance reports, maintenance requirements cards, logistics material, engineering drawings and engineering measurement program data to verify consistency with system specifications and technical manuals. The contractor shall deliver documentation reviews in accordance with **CDRL A002**.

4.1.3 Documentation Development & Maintenance

The contractor shall develop and maintain program engineering documentation including performance specifications, system engineering plans, system engineering notebooks, design documents, measurement analysis plans, system engineering tools,

engineering change proposals, logistics documents and data collection approaches. The contractor shall deliver program documentation in accordance with **CDRL A002**.

4.1.4 System Effectiveness Analysis

The contractor shall analyze test and operational data to assess system effectiveness in accordance with test objectives, key performance parameters, key system attributes and system technical requirements. The contractor shall evaluate system designs to predict system Reliability, Maintainability, and Availability (RMA) performance. The contractor shall assess developmental test results of systems developed outside of this task order including tests conducted under this task order and make projections of reliability performance at the system, subsystem, and component levels. The contractor shall provide recommendations for Design Reference Mission updates and life cycle cost model improvements. The contractor shall submit system effectiveness analysis reports in accordance with CDRL A003.

4.1.5 Trend Analysis

The contractor shall perform trend analysis on operational data to identify operational deficiencies, technical issues and risk areas. The contractor shall make recommendations for component and system upgrades and depot, intermediate, and operational procedure improvements. The contractor shall submit trend analysis reports in accordance with **CDRL A003**.

4.1.6 Electro-Optical Systems Engineering

The contractor shall test, analyze and evaluate electro-optical sensors and systems to assess system effectiveness in accordance with test objectives, key performance parameters, key system attributes and system technical requirements. The contractor shall develop and evaluate design approaches for optical sensor detection, networking, telemetry, modeling and simulation. The contractor shall perform electro-optical analysis to predict theoretical performance, operations, operability, training and environmental effects. The contractor shall submit electro-optical analysis reports in accordance with **CDRL A003**.

4.2 SOFTWARE ENGINEERING

4.2.1 Database Design, Development & Maintenance

The contractor shall design and develop databases that track programmatic and technical information. The contractor shall create databases that have search fields and report generation capabilities. The contractor shall also maintain existing databases as well as databases developed under this task order, recommend database improvements, analyze trends, rectify inconsistencies, and produce reports. The contractor shall monitor database performance and identify work-around or enhancement recommendations based on data flow and network interface issues. The contractor shall document user problem resolution via the problem tracking function of the Towed, Hull and Sensor System database. The contractor shall deliver databases in accordance with **CDRL A004**.

4.2.2 Software Development

The contractor shall design, develop, update, test and maintain software to correct issues identified by testing, technical investigations and fleet operation, as well as to implement upgrades described by system requirement specifications. The contractor shall build software images for new and legacy applications and test these images within the target host computer. The contractor shall utilize Standard Navy Programming Languages, Navy Standard Operating Systems and Commercial Standards. The contractor shall deliver software test reports in accordance with **CDRL A005**. The contractor shall deliver system software in accordance with **CDRL A004**.

4.2.3 Software Documentation

The contractor shall review and update software documentation for changes incorporated through specification changes, testing, Engineering Change Proposals (ECPs) and re-hosting software on different hardware platforms. The contractor shall deliver software documentation in accordance with **CDRL A006**.

4.2.4 Software Analysis

The contractor shall analyze software faults, performance loss, degraded performance, intermittent operational anomalies, non-recurring faults, requirement deviations, insufficient operability, failed requirements checks, obsolescence and degraded interface capability to determine the root cause, generate alternative solutions and produce recommended courses of action. The contractor shall evaluate any alternative solutions, proposed upgrades and recommended courses of action to determine and compare the associated risks and performance, cost and schedule impacts and trade-offs. The contractor shall deliver software analysis reports in accordance with CDRL A003.

4.3 HARDWARE ENGINEERING

4.3.1 Hardware Development and Integration

The contractor shall develop, fabricate, deliver, update, test and maintain special prototype support and test hardware for the development, test, integration, evaluation and maintenance of tactical laboratory and shipboard systems. The hardware shall include cables, towed array components, array structure components, electro-optical devices, test devices, cable testers, interface tools, analysis systems, training aids, simulation/stimulation and data recorders. The contractor shall integrate the prototype support and test hardware into laboratory and shipboard environments. The contractor shall develop or revise integration plans, and perform proper hardware integration. The Government will not provide any Government Furnished Material (GFM) in support of this tasking. The contractor shall deliver hardware integration plans in accordance with **CDRL A007**. The contractor shall deliver equipment drawings and schematics in accordance with **CDRL A008**. The contractor shall deliver hardware via DD 250.

4.3.2 Hardware Documentation

The contractor shall develop, update and maintain hardware documentation including Hardware Development Plans for changes incorporated through specification changes, testing, ECPs and conversion requirements. The contractor shall deliver hardware documentation in accordance with **CDRL A002**.

4.3.3 Hardware Analysis

The contractor shall analyze hardware faults, performance loss, degraded performance, intermittent operational anomalies, non-recurring faults, requirement deviations, insufficient operability, and failed requirements checks to determine the root cause, generate alternative solutions and produce recommended courses of action. The contractor shall evaluate any alternative solutions, proposed upgrades and recommended courses of action to determine and compare the associated risks and performance, cost and schedule impacts and trade-offs. The contractor shall deliver hardware analysis reports in accordance with **CDRL A003**.

4.4 PLATFORM ALTERATIONS & SYSTEM INSTALLATION

4.4.1 Installation Alterations

The contractor shall develop TEMPALT, OPALT and SHIPALT technical data packages that describe the approach planned for installing equipment on a platform which includes mechanical and electrical drawings showing the equipment components and all cable interconnections mounted on the platform's outer surface or within the platform in an equipment space. The contractor shall conduct ship checks and perform mathematical or computer based modeling of mechanical forces from ship's motion or nearby equipment interactions to verify mounting configurations and vibration isolation mechanisms. Access to the Advanced Technical Information System (ATIS) is required to access boat drawings to accomplish this task. ATIS distribution requires restricted data authorization. The contractor shall identify power distribution and platform interfacing by performing mathematical or computer based modeling of electrical power. The contractor shall deliver installation alteration data packages in accordance with **CDRL A008**.

4.4.2 System Installation & Checkout

The contractor shall install and checkout the system on the host vessel's outer surface or within the vessel in an equipment space. The contractor shall use materials and methods that promote operational reliability and resistance to water induced corrosion for the duration of the installation. In the event that diver services are required in performance of this tasking, and NUWCDIVNPT Codes 15 and 70 agree that Code 70 cannot fulfill the requirement, the contractor shall supply diver services. The contractor shall provide any custom mechanical or electrical interfaces between the installed system and the host vessel. The contractor shall integrate and checkout the custom interface devices with the equipment to complete the installation according to design requirements specified in the alteration package(s). The contractor shall deliver installation & checkout test reports in accordance with CDRL A005.

4.5 TEST, EVALUATION & ANALYSIS

4.5.1 Test Plans & Procedures

The contractor shall develop draft test plans and procedures to facilitate the test and evaluation of tactical systems at shipyards, on maritime test vessels, on submarine, aviation and surface ship naval platforms, aboard ships during sea tests, at System Maintenance Facilities and at Combat platform System Integration Sites (CSIS). The contractor shall include test objectives, performance metrics, platform requirements, personnel requirements, platform geometries, equipment location options, timeline recommendations, environmental impact constraints, resource definitions, data recording and logging requirements, test director guides, personnel & equipment safety, human factors engineering, security restrictions, information assurance/cyber security restrictions and training

requirements in the test plans and procedures. The contractor shall deliver test plans and procedures in accordance with CDRL A007.

4.5.2 Test Execution

The contractor shall monitor and perform environmental qualification testing, performance verification testing, system design certification testing and longevity testing in order to verify that the tactical equipment being tested is in compliance with engineering change instructions, system requirements and approved test plans & procedures. The contractor shall make repairs to the tactical/test equipment to support test objectives prior to use of the equipment for repeated testing. The contractor shall train government test personnel on the operation of test equipment, safety procedures and operation of the tactical equipment prior to testing. The contractor shall include test results, issues raised at the test event, problem reports and critical test risks in the associated test report. The contractor shall deliver test execution reports in accordance with CDRL A005.

4.5.3 Data Collection, Reconstruction & Post Test Analysis

The contractor shall collect, process and analyze test data in order to assess system performance. The contractor shall generate time-space reconstruction parameters associated with test execution using recorded navigation data from the platforms. The contractor shall use mathematical models or computer simulation tools to assess expected performance characteristics of the tactical equipment given the reconstructed environmental and positional conditions present during test execution. The contractor shall prepare and deliver test reports describing work performed, tests conducted, investigations completed, and conclusions drawn from post-test analysis tasking. The contractor shall deliver post-test analysis and data collection reports in accordance with **CDRL A005**.

4.6 IN-SERVICE ENGINEERING, MAINTENANCE AND LOGISTICS

4.6.1 Technical Data Package (TDP)

The contractor shall develop, update and maintain Technical Data Packages (TDPs) for systems and sub-systems to sustain system operation, troubleshooting and maintenance. The contractor shall provide a TDP addressing all aspects of operations and maintenance as identified by supportability analyses and as required by the support strategy. The contractor shall include source data, drawings, training, curriculum, and photographs for maintenance and provisioning parts list in the TDP. The contractor shall deliver TDPs in accordance with CDRL A009.

4.6.2 Packaging, Handling, Storage and Transportation (PHS&T)

The contractor shall develop, update, maintain, and execute Packaging, Handling, Storage and Transportation (PHS&T) plans that document the required packaging, handling, storage and transportation of specific SONAR and support systems based on system specifications, provisioning data, supply requirements and configuration management directives. The contractor shall provide a PHS&T plan that prevents damage to the material, physical harm to personnel and any adverse effects to material operating characteristics. The contractor shall make preparations for shipping and receiving including banding, boarding, crating, and moving to loading dock and coordinate with government agencies for the movement, transportation, and shipment of program assets. The contractor shall deliver PHS&T plans in accordance with CDRL A00A.

4.6.3 Tactical Training Material

The contractor shall develop, update and maintain tactical training materials including lesson plans and training guides to facilitate the installation, introduction and maintenance of tactical SONAR and support systems. The contractor shall provide training materials that allow for the direct utilization of Interactive Electronic Technical Manuals (IETMs) and shall incorporate knowledge and skills learning objectives. The contractor shall conduct training using government approved training materials. Location of the training may be ashore, aboard ship at dockside, or at sea. The contractor shall deliver tactical training material in accordance with **CDRL A00B**.

4.6.4 Maintenance Planning & Procedures

The contractor shall develop, update and maintain maintenance procedures, both preventative and corrective, for each component of specific SONAR and support systems. The contractor shall provide procedures identifying tools and special precautions required to perform the maintenance action and identify the steps required to verify the maintenance action has resolved the problem. The contractor shall develop Planned Maintenance System (PMS) Documentation including Maintenance Index Pages/Maintenance Requirement Cards (MIP/MRC). The contractor shall provide maintenance plans addressing maintainability of the system at different levels of repair, what maintenance is required on the system and how often maintenance should be performed. The contractor shall deliver maintenance plans and procedures in accordance with CDRL A007.

4.6.5 Supply Support Analysis

The contractor shall develop, update and maintain provisioning data documents to sustain system operations, troubleshooting and maintenance. The contractor shall develop provisioning data documents which include installation and checkout kits, spares, repair parts and tools and support material requirements for each level of maintenance. The contractor shall develop a Diminishing Manufacturing Sources and Material Shortages (DMS/MS) parts management program. The contractor shall deliver supply support documents in accordance with **CDRL A00C**.

4.6.6 In-Service Engineering & Repair

The contractor shall provide system troubleshooting, diagnosis and repairs for in-service components and systems at shipyards, at prime system contractor facilities, on maritime test vessels, on submarine, aviation and surface ship naval platforms, aboard ships during sea tests, at System Maintenance Facilities and at Combat platform System Integration Sites (CSIS). The contractor shall return degraded equipment to operational status and validate that the equipment is operating in accordance with system specifications and technical manuals. The contractor shall develop, update and maintain troubleshooting, diagnosis and repair documentation. The contractor shall measure and report response times, system availability and accuracy of implemented solutions. The contractor shall deliver in-service repair reports in accordance with CDRL A005.

4.6.7 Configuration Management & Audits

The contractor shall perform configuration management and maintain a configuration status accounting system for system configuration items and documents within existing Government data bases. The contractor shall perform Physical Configuration Audits (PCAs) and Functional Configuration Audits (FCAs) of operational, simulation, diagnostic, support and maintenance hardware in accordance with NUWCDIVNPT Standard Operating Procedures (SOPs) and Configuration Control Board Directives (CCBDs). The contractor shall perform PCAs and FCAs to determine if changes made to hardware, software, or firmware comply with the Government approved engineering changes for systems and sub-systems. The contractor shall deliver configuration summary reports in accordance with CDRL A00D.

4.6.8 Asset Tracking & Analysis

4.6.8.1 New Construction Asset Tracking & Analysis

The contractor shall track receipts and deliveries of new construction program assets in Government databases. The contractor shall maintain the data in the database to reflect historical and projected unit usage and current status of all material in repair, on loan, and ready for issue (RFI). This shall include monitoring stock balances for failed condition units, requesting shipment of failed condition units to the Government for inspection and recommending candidates for failure analysis. The contractor shall deliver new construction program asset tracking reports in accordance with **CDRL A00E**.

4.6.8.2 In-Service Asset Tracking & Analysis

The contractor shall track receipts and deliveries of in-service program assets in Government databases. The contractor shall maintain the data in the database to reflect historical and projected unit usage and current status of all material in repair, on loan, and ready for issue (RFI). This shall include monitoring stock balances for failed condition units, requesting shipment of failed condition units to the Government for inspection and recommending candidates for failure analysis. The contractor shall deliver new construction program asset tracking reports in accordance with **CDRL A00E**.

4.6.8.3 Underwater Sound Reference (USR) Asset Tracking & Analysis

The contractor shall track receipts and deliveries of Underwater Sound Reference (USR) assets in Government databases. The contractor shall maintain the data in the database to reflect historical and projected unit usage and current status of all material in repair, on loan, and ready for issue (RFI). This shall include monitoring stock balances for failed condition units, requesting shipment of failed condition units to the Government for inspection and recommending candidates for failure analysis. The contractor shall deliver new construction program asset tracking reports in accordance with **CDRL A00E**.

4.7 LABORATORY EQUIPMENT

4.7.1 Laboratory Equipment Maintenance & Operations

The contractor shall perform maintenance and support operations of towed, hull and sensor laboratory equipment in accordance with the Government approved Laboratory Standard Operating Procedures. The Contractor shall conduct routine equipment maintenance and organization of the laboratory. The Contractor shall report any equipment failures and any troubleshooting done on failed equipment, or other problems with the operation and maintenance of the laboratory and its components. The contractor shall make preparations for shipping and receiving of material and equipment for test events (such as banding, boarding, crating, and moving to

loading dock), stage test assets, track expiration dates of equipment calibration and handling of hazardous material required for the test execution. The contractor shall update and maintain laboratory equipment documentation including equipment drawings, laboratory drawings, power, cooling and space requirements, installation control drawings, configuration databases and equipment layout options in order to facilitate the maintenance and reconfiguration of laboratory equipment within government spaces. The contractor shall deliver laboratory equipment maintenance reports in accordance with **CDRL A005**.

5.0 GOVERNMENT FURNISHED INFORMATION

Index	Document Title	Applicable SOW Tasks
5.1	System Security Guides & Requirements	All Tasks
5.2	Technical Specifications and Manuals	All Tasks
5.3	System Specifications and Manuals	All Tasks
5.4	Schedules (Program, Training & Ship)	All Tasks
5.5	Program Trouble Reports	4.1.1
5.6	Test Results	4.1.1, 4.1.4, 4.1.5
5.7	Operational Data	4.1.1
5.8	Fleet Communications including phone calls, email and naval messages	4.1.5
5.9	Electro-Optical Test Reports	4.1.6
5.10	Databases (Systems, Arrays, Sensors)	4.2.1, 4.6
5.11	Legacy Software & Support Documentation	4.2.2, 4.2.3
5.12	Network Drawings	4.3
5.13	Hardware Topology & Architecture	4.3
5.14	Installation/Ship Diagrams	4.4
5.15	Ship Specs	4.4
5.16	Test Plans and Objectives	4.4.2, 4.5
5.17	Measurement Analysis Plans (MAPs)	4.5
5.18	Approved Provisioning Lists (APLs)	4.6.1, 4.6.2, 4.6.6, 4.6.7, 4.6.8
5.19	Training Plans and Objectives	4.6.3
5.20	Maintenance Plans & Objectives	4.6.4
5.21	Supple Support Plans & Objectives	4.6.5
5.22	Engineering Change Proposals (ECPs)	4.6
5.23	Laboratory Equipment Documentation	4.7
5.24	Laboratory Standard Operating Procedures	4.7

6.0 QUALITY SURVEILLANCE & PERFORMANCE STANDARDS

The Government will conduct quality surveillance via various methods including formal and informal meetings, review of technical reports, review of monthly progress reports, and review of deliverables.

Contractor performance will be evaluated in the areas of technical quality, responsiveness, timeliness and cost. Technical quality will be evaluated against the performance standards defined in the performance requirements summary table (Attachment 4). Responsiveness will be evaluated based upon the Government's experience interacting with the contractor during performance. Timeliness will be evaluated based on the contractor's ability to meet CDRL schedules with minimal variance. Cost will be evaluated based upon the contactor's ability to manage to the negotiated costs.

The following Clauses are incorporated by Full Text:

CONTRACTOR MANPOWER REPORTING APPLICATION (ECMRA) LANGUAGE (OCT 2012)

The contractor shall report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Naval Undersea Warfare Center Division, Newport, RI (N66604) via a secure data collection site. 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

HQ C-1-0001 ITEMS: CLINs 7999 and 8999 - DATA REQUIREMENTS (NAVSEA) (SEP 1992)

The data to be furnished hereunder shall be prepared in accordance with the Contract DataRequirements List, DD Form 1423, Exhibit A, attached hereto.

HQ C-2-0002 ACCESS TO PROPRIETARY DATA OR COMPUTER SOFTWARE (NAVSEA) (JUN 1994)

- (a) Performance under this contract may require that the Contractor have access to technical data, computer software, or other sensitive data of another party who asserts that such data or software is proprietary. If access to such data or software is required or to be provided, the Contractor shall enter into a written agreement with such party prior to gaining access to such data or software. The agreement shall address, at a minimum, (1) access to, and use of, the proprietary data or software exclusively for the purposes of performance of the work required by this contract, and (2) safeguards to protect such data or software from unauthorized use or disclosure for so long as the data or software remains proprietary. In addition, the agreement shall not impose any limitation upon the Government or its employees with respect to such data or software. A copy of the executed agreement shall be provided to the Contracting Officer. The Government may unilaterally modify the contract to list those third parties with which the Contractor has agreement(s).
- (b) The Contractor agrees to: (1) indoctrinate its personnel who will have access to the data or software as to the restrictions under which access is granted; (2) not disclose the data or software to another party or other Contractor personnel except as authorized by the Contracting Officer; (3) not engage in any other action, venture, or employment wherein this information will be used, other than under this contract, in any manner inconsistent with the spirit and intent of this requirement; (4) not disclose the data or software to any other party, including, but not limited to, joint venturer, affiliate, successor, or assign of the Contractor; and (5) reproduce the restrictive stamp, marking, or legend on each use of the data or software whether in whole or in part.
- (c) The restrictions on use and disclosure of the data and software described above also apply to such information received from the Government through any means to which the Contractor has access in the performance of this contract that contains proprietary or other restrictive markings.
- (d) The Contractor agrees that it will promptly notify the Contracting Officer of any attempt by an individual, company, or Government representative not directly involved in the effort to be performed under this contract to gain access to such proprietary information. Such notification shall include the name and organization of the individual, company, or Government representative seeking access to such information.
- (e) The Contractor shall include this requirement in subcontracts of any tier which involve access to information covered by paragraph (a), substituting "subcontractor" for "Contractor" where appropriate.
- (f) Compliance with this requirement is a material requirement of this contract.

(End of Text)

HQ C-2-0011 COMPUTER SOFTWARE AND/OR COMPUTER DATABASE(S) DELIVERED TO AND/OR RECEIVED FROM THE GOVERNMENT (NAVSEA) (APR 2004)

- (a) The Contractor agrees to test for viruses all computer software and/or computer databases, as defined in the clause entitled "RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION" (DFARS 252.227-7014), before delivery of that computer software or computer database in whatever media and on whatever system the software is delivered. The Contractor warrants that any such computer software and/or computer database will be free of viruses when delivered.
- (b) The Contractor agrees to test any computer software and/or computer database(s) received from the Government for viruses prior to use under this contract.
- (c) Unless otherwise agreed in writing, any license agreement governing the use of any computer software to be delivered as a result of this contract must be paid-up and perpetual, or so nearly perpetual as to allow the use of the computer software or computer data base with the equipment for which it is obtained, or any replacement equipment, for so long as such equipment is used. Otherwise the computer software or computer database does not meet the minimum functional requirements of this contract. In the event that there is any routine to disable the computer software or computer database after the software is developed for or delivered to the Government, that routine shall not disable the computer software or computer database until at least twenty-five calendar years after the delivery date of the affected computer software or computer database to the Government.

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- (d) No copy protection devices or systems shall be used in any computer software or computer database delivered under this contract to restrict or limit the Government from making copies. This does not prohibit license agreements from specifying the maximum amount of copies that can be made.
- (e) Delivery by the Contractor to the Government of certain technical data and other data is now frequently required in digital form rather than as hard copy. Such delivery may cause confusion between data rights and computer software rights. It is agreed that, to the extent that any such data is computer software by virtue of its delivery in digital form, the Government will be licensed to use that digital-form data with exactly the same rights and limitations as if the data had been delivered as hard copy.
- (f) Any limited rights legends or other allowed legends placed by a Contractor on technical data or other data delivered in digital form shall be digitally included on the same media as the digital-form data and must be associated with the corresponding digital-form technical data to which the legends apply to the extent possible. Such legends shall also be placed in human-readable form on a visible surface of the media carrying the digital-form data as delivered, to the extent possible.

HQ C-2-0012 CONFIGURATION MANAGEMENT (NAVSEA) (APR 2004)

- (a) <u>Baseline Definition</u> For configuration control purposes, all contractual documentation in effect at the time of contract award shall constitute the Contract Baseline which shall be considered incorporated in the baseline documentation.
- (b) <u>General Requirement</u> (1) The Contractor shall maintain a Configuration Control Program to assure that all detail level work being performed under this contract is in compliance with appropriate baseline documentation. The Contractor shall prepare a Configuration Management Plan in accordance with the requirements of the contract for approval by the Government.
- (2) Whenever a situation arises wherein the Contractor cannot comply with a baseline document, or whenever intent of such documentation is significantly changed by detail level documentation, the Contractor shall submit change documents to modify baseline documents to resolve the conflict or to allow non-compliance. Whenever the cost of implementing a proposed change is less than the threshold requiring certified cost or pricing data, the Contractor shall provide documentation explaining the nature of related costs as shown on the change document. Whenever the contract cost changes by an amount greater than the threshold requiring certified cost or pricing data, the Contractor shall complete such cost and pricing data as the Contracting Officer shall require detailing all related costs, and attach it to the change document. Requirements for cost and pricing data shall be determined by the gross amount of the change unless otherwise directed by the Contracting Officer. Change documentation shall be submitted to the Contracting Officer in accordance with the Contract Data Requirements List (CDRL), and as described in paragraphs (c) through (f) below.
- (c) Engineering Change Proposals (ECPs) ECPs shall be prepared in accordance with the approved configuration management plan and the requirements of the contract. DI-CMAN-80639C approved 30 Sep 2000 and MIL-HDBK-61A of 7 Feb 2001 apply. An ECP should be submitted whenever the detail level physical configuration, material quality, operational or functional performance of equipment or installed systems will not be in compliance with baseline design-related documents (Specifications, Contract Drawings, etc.), and a change to the baseline document is considered an appropriate means of resolving a design-related issue. Documentation shall be developed in sufficient detail to enable Government review and evaluation of the merits of the proposed change, including cost and scheduling impact, ship class impact, and consequences if disapproved. All existing drawings and technical manuals impacted by the change shall be listed along with a brief narrative explanation of needed changes to incorporate the ECP if approved. Weight and moment data incidental to the change shall be provided. The Contractor shall also prepare applicable baseline document insert sheets, with specific word changes or proposed re-write, to facilitate baseline documentation changes.
- (d) Non-Engineering Change Proposals (NECPs) An NECP should be submitted whenever necessary to document administrative, procedural, scheduling, or documentation changes that do not directly impact the physical configuration of the equipment. The NECP shall explain the nature of the problem, identify the applicable baseline document (i.e., Contract Data Requirement List (CDRL), Contract Clause, etc.) and provide a detailed explanation justifying the proposed course of action desired to resolve the problem. Insert sheets for applicable documents shall also be attached to facilitate change action in the event the Non-Engineering Change Proposal (NECP) is approved.
- (e) <u>Deviations and Waivers</u> In the event that a baseline design-related document requirement cannot be met, and a change to the baseline document is considered inappropriate, the Contractor shall submit a Request for Deviation (RFD) or Request for Waiver (RFW), as applicable. DI-CMAN-80640C approved 30 Sep 2000 and MIL-HDBK-61A of 7 Feb 2001 apply. The explanation of "need for deviation" should provide detailed justification and consequences of approval, to include technical details explaining the degree of non-compliance or effect on ship equipment or system operation constraints. In a similar manner, a waiver shall document an "as built" configuration that departs from baseline documentation and should include any proposed corrections or modifications to better meet the intent of the baseline document.
- (f) <u>Equitable Adjustments for Change Documentation Preparations</u> For its effort expended in preparing ECPs, NECPs, Deviations and Waivers, the Contractor shall receive equitable adjustment under the following circumstances:

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- (1) In the event the Contractor, on its own initiative, and without written request from the Contracting Officer, develops a change document that is later disapproved by the Government, the Contractor shall bear the cost of this effort.
- (2) To avoid such loss, and at its option, the Contractor may submit a "preliminary" document that outlines intent, but without detailed supporting documentation and request the Contracting Officer's approval for expenditure of effort to complete the detailed supporting documentation. In the event the Contracting Officer denies this request, the Contractor will bear the cost of development of the "preliminary" document, and shall make no further effort to complete detailed supporting documentation.
- (3) In the event the Contracting Officer approves the Contractor's request to develop supporting documentation, the Contractor shall be equitably compensated for its effort for both the "preliminary" and "final" documentation, regardless of whether or not the change document is later approved.
- (4) In the event the Contracting Officer requests in writing that the Contractor develop change documentation, the effort expended by the Contractor in developing such documentation shall be subject to equitable adjustment, regardless of whether or not the change document is later approved.
- (5) In the event the Contractor, on its own initiative, and without written request from the Government, develops a change document that is later approved by the Contracting Officer, the cost of developing such documentation shall be incorporated in the contract modification that implements the change.
- (6) Failure to agree to such equitable adjustment in contract price shall constitute a dispute, and shall be adjudicated in accordance with the requirements of the clause entitled "DISPUTES" (FAR 52.233-1).
- (g) Any cost reduction proposal submitted pursuant to the clause entitled "VALUE ENGINEERING" (FAR 52.248-1) shall be submitted as a Code V Engineering Change Proposal (VECP). DI-CMAN-80639C approved 30 Sep 2000 and MIL-HDBK-61A of 7 Feb 2001 apply. Information required by the "VALUE ENGINEERING" clause shall also be submitted as part of the change request.

HQ C-2-0015 DATE/TIME PROCESSING REQUIREMENT--INFORMATION TECHNOLOGY (NAVSEA)(SEP 2009)

- (a) All information technology (IT), whether commercial or noncommercial, delivered under this contract that will be required to perform date/time processing involving dates subsequent to December 31, 1999, shall be Year 2000 compliant if properly installed, operated, and maintained in accordance with the contract specifications and applicable documentation. If the contract requires that specific deliverables operate together as a system, this requirement shall apply to those deliverables as a system.
- (b) "Information Technology" or "IT," as used in this requirement, means "information technology" as that term is defined at FAR 2.101, and further including those items that would otherwise be excluded by paragraph (c) of that definition. "Year 2000 compliant" (as defined at FAR 39.002) means that the IT accurately processes date/time data (including), but not limited to, calculating, comparing, and sequencing) from, into, and between the twentieth and twenty-first centuries, and the years 1999 and 2000 and leap year calculations, to the extent that other IT, used in combination with the IT being delivered, properly exchanges date/time data with it. The "proper exchange" of date/time data shall be in accordance with the interface requirements specification(s) of the contract.
- (c) For line item deliverables which are commercial items (as defined at FAR 2.101), and which include commercial IT, the terms and conditions of the standard commercial warranty covering such commercial IT shall apply in addition to, and to the extent such terms and conditions are consistent with, this requirement. Any applicable commercial warranty shall be incorporated into this contract by attachment.
- (d) Notwithstanding any provision to the contrary in any other warranty of this contract, or in the absence of any such warranty(ies), the remedies available to the Government under this requirement shall include those provided in the Inspection clause(s) of this contract. Nothing in this requirement shall be construed to limit any rights or remedies the Government may otherwise have under this contract.
- (e) Unless specified elsewhere in the contract, the Contractor will also deliver to the Government a report summarizing any Year 2000 compliance testing that was performed, and the results thereof.
- (f) The remedies available to the Government for noncompliance with this requirement shall remain available for one hundred eighty (180) days after acceptance of the last deliverable IT item under this contract (including any option exercised hereunder).

HQ C-2-0032 INFORMATION AND DATA FURNISHED BY THE GOVERNMENT - ALTERNATE II (NAVSEA)(SEP 2009)

(a) NAVSEA Form 4340/2 or Schedule C, as applicable, Government Furnished Information, attached hereto, incorporates by listing or specific reference, all the data or information which the Government has provided or will provide to the Contractor except for

- (1) The specifications set forth in Section C, and
- (2) Government specifications, including drawings and other Government technical documentation which are referenced directly or indirectly in the specifications set forth in Section C and which are applicable to this contract as specifications, and which are generally available and provided to Contractors or prospective Contractors upon proper request, such as Federal or Military Specifications, and Standard Drawings, etc.
- (b) Except for the specifications referred to in subparagraphs (a)(1) and (2) above, the Government will not be obligated to provide to the Contractor any specification, drawing, technical documentation or other publication which is not listed or specifically referenced in NAVSEA Form 4340/2 or Schedule C, as applicable, notwithstanding anything to the contrary in the specifications, the publications listed or specifically referenced in NAVSEA Form 4340/2 or Schedule C, as applicable, the clause entitled "GOVERNMENT PROPERTY" (FAR 52.245-1) or "GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES" (FAR 52.245-2), as applicable, or any other term or condition of this contract.
- (c)(1) The Contracting Officer may at any time by written order:
- (A) delete, supersede, or revise, in whole or in part, data listed or specifically referenced in NAVSEA Form 4340/2 or Schedule C, as applicable; or
- (B) add items of data or information to NAVSEA Form 4340/2 or Schedule C, as applicable; or
- (C) establish or revise due dates for items of data or information in NAVSEA Form 4340/2 or Schedule C, as applicable.
- (2) If any action taken by the Contracting Officer pursuant to subparagraph (c)(1) immediately above causes an increase or decrease in the costs of, or the time required for, performance of any part of the work under this contract, the contractor may be entitled to an equitable adjustment in the contract amount and delivery schedule in accordance with the procedures provided for in the "CHANGES" clause of this contract.

HQ C-2-0037 ORGANIZATIONAL CONFLICT OF INTEREST (NAVSEA) (JUL 2000)

- (a) "Organizational Conflict of Interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage. "Person" as used herein includes Corporations, Partnerships, Joint Ventures, and other business enterprises.
- (b) The Contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in the contract, the Contractor does not have any organizational conflict of interest(s) as defined in paragraph (a).
- (c) It is recognized that the effort to be performed by the Contractor under this contract may create a potential organizational conflict of interest on the instant contract or on a future acquisition. In order to avoid this potential conflict of interest, and at the same time to avoid prejudicing the best interest of the Government, the right of the Contractor to participate in future procurement of equipment and/or services that are the subject of any work under this contract shall be limited as described below in accordance with the requirements of FAR 9.5.
- (d) (1) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information provided to the Contractor by the Government during or as a result of performance of this contract. Such information includes, but is not limited to, information submitted to the Government on a confidential basis by other persons. Further, the prohibition against release of Government provided information extends to cover such information whether or not in its original form, e.g., where the information has been included in Contractor generated work or where it is discernible from materials incorporating or based upon such information. This prohibition shall not expire after a given period of time.
- (2) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information generated or derived during or as a result of performance of this contract. This prohibition shall expire after a period of three years after completion of performance of this contract.
- (3) The prohibitions contained in subparagraphs (d)(1) and (d)(2) shall apply with equal force to any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may merge or affiliate, or any successor or assign of the Contractor. The terms of paragraph (f) of this Special Contract Requirement relating to notification shall apply to any release of information in contravention of this paragraph (d).
- (e) The Contractor further agrees that, during the performance of this contract and for a period of three years after completion of performance of this contract, the Contractor, any affiliate of the Contractor, any subcontractor, consultant, or employee of the

Contractor, any joint venture involving the Contractor, any entity into or with which it may subsequently merge or affiliate, or any other successor or assign of the Contractor, shall not furnish to the United States Government, either as a prime contractor or as a subcontractor, or as a consultant to a prime contractor or subcontractor, any system, component or services which is the subject of the work to be performed under this contract. This exclusion does not apply to any recompetition for those systems, components or services furnished pursuant to this contract. As provided in FAR 9.505-2, if the Government procures the system, component, or services on the basis of work statements growing out of the effort performed under this contract, from a source other than the contractor, subcontractor, affiliate, or assign of either, during the course of performance of this contract or before the three year period following completion of this contract has lapsed, the Contractor may, with the authorization of the cognizant Contracting Officer, participate in a subsequent procurement for the same system, component, or service. In other words, the Contractor may be authorized to compete for procurement(s) for systems, components or services subsequent to an intervening procurement.

- (f) The Contractor agrees that, if after award, it discovers an actual or potential organizational conflict of interest, it shall make immediate and full disclosure in writing to the Contracting Officer. The notification shall include a description of the actual or potential organizational conflict of interest, a description of the action which the Contractor has taken or proposes to take to avoid, mitigate, or neutralize the conflict, and any other relevant information that would assist the Contracting Officer in making a determination on this matter. Notwithstanding this notification, the Government may terminate the contract for the convenience of the Government if determined to be in the best interest of the Government.
- (g) Notwithstanding paragraph (f) above, if the Contractor was aware, or should have been aware, of an organizational conflict of interest prior to the award of this contract or becomes, or should become, aware of an organizational conflict of interest after award of this contract and does not make an immediate and full disclosure in writing to the Contracting Officer, the Government may terminate this contract for default.
- (h) If the Contractor takes any action prohibited by this requirement or fails to take action required by this requirement, the Government may terminate this contract for default.
- (i) The Contracting Officer's decision as to the existence or nonexistence of an actual or potential organizational conflict of interest shall be final.
- (j) Nothing in this requirement is intended to prohibit or preclude the Contractor from marketing or selling to the United States Government its product lines in existence on the effective date of this contract; nor, shall this requirement preclude the Contractor from participating in any research and development or delivering any design development model or prototype of any such equipment. Additionally, sale of catalog or standard commercial items are exempt from this requirement.
- (k) The Contractor shall promptly notify the Contracting Officer, in writing, if it has been tasked to evaluate or advise the Government concerning its own products or activities or those of a competitor in order to ensure proper safeguards exist to guarantee objectivity and to protect the Government's interest.
- (I) The Contractor shall include this requirement in subcontracts of any tier which involve access to information or situations/conditions covered by the preceding paragraphs, substituting "subcontractor" for "contractor" where appropriate.
- (m) The rights and remedies described herein shall not be exclusive and are in addition to other rights and remedies provided by law or elsewhere included in this contract.
- (n) Compliance with this requirement is a material requirement of this contract.

HQ C-2-0051 SPECIFICATIONS AND STANDARDS (NAVSEA) (AUG 1994)

- (a) Definitions.
- (1) A "zero-tier reference" is a specification, standard, or drawing that is cited in the contract (including its attachments).
- (2) A "first-tier reference" is either: (1) a specification, standard, or drawing cited in a zero-tier reference, or (2) a specification cited in a first-tier drawing.
- (b) Requirements.

All zero-tier and first-tier references, as defined above, are mandatory for use. All lower tier references shall be used for guidance only.

HQ C-2-0059 UPDATING SPECIFICATIONS AND STANDARDS (NAVSEA) (AUG 1994)

If, during the performance of this or any other contract, the contractor believes that any contract contains outdated or different versions of any specifications or standards, the contractor may request that all of its contracts be updated to include the current version of the applicable specification or standard. Updating shall not affect the form, fit or function of any deliverable item or increase the cost/price of the item to the Government. The contractor should submit update requests to the Procuring Contracting Officer with copies to the Administrative Contracting Officer and cognizant program office representative for approval. The contractor shall perform the contract in accordance with the existing specifications and standards until notified of approval/disapproval by the Procuring Contracting Officer. Any approved alternate specifications or standards will be incorporated into the contract.

HQ C-2-0065 SOFTWARE DEVELOPMENT REQUIREMENTS (NAVSEA) (DEC 2006) (MODIFIED SEP 2012)

- (a) The contractor shall define a general Software Development Plan (SDP) appropriate for the computer software effort to be performed under this contract. The SDP shall, at a minimum:
- (1) Define the contractor's proposed life cycle model and the processes used as a part of that model. In this context, the term "life cycle model" is as defined in IEEE Std. 12207:2008;
- (2) Contain the information defined by ISO/IEC/IEEE 15289:2011, section 7.3 (generic content) and the Mapping of ISO/IEC 12207:2008 (IEEE Std. 12207:2008) Clauses to Information Items for Each Software Life Cycle Process in Table 2 of ISO/IEC/IEEE 15289:2011. In all cases, the level of detail shall be sufficient to define all software development processes, activities, and tasks to be conducted:
- (3) Identify the specific standards, methods, tools, actions, strategies, and responsibilities associated with development and qualification;
- (4) Document all processes applicable to the system to be acquired, including the Primary, Supporting, and Organizational life cycle processes as defined by IEEE Std. 12207:2008 as appropriate. Such processes shall be equivalent to those articulated by CMMI®;
- (5) Include the content defined by all information items listed in Table 2 of ISO/IEC/IEEE 15289:2011, as appropriate for the system and be consistent with the processes proposed by the developers;
 - (6) Adhere to the characteristics defined in section 6.1 ISO/IEC/IEEE 15289:2011, as appropriate;
- (7) Describe the overall life cycle and include primary, supporting, and organizational processes based on the work content of this contract;
- (8) Be in accordance with the framework defined in IEEE Std. 12207:2008, including, but not limited to, defining the processes, the activities to be performed as a part of the processes, the tasks which support the activities, and the techniques and tools to be used to perform the tasks:
- (9) Contain a level of information sufficient to allow the use of the SDP as the full guidance for the developers. In accordance with 7.3 of ISO/IEC/IEEE 15289:2011, such information shall at a minimum contain, specific standards, methods, tools, actions, reuse strategy, and responsibility associated with the development and qualification of all requirements, including safety and security.

 (b) The SDP shall be delivered to the Government for concurrence under CDRL and shall not vary significantly from that proposed to the Government for evaluation for award. The contractor shall follow the Government concurred with SDP for all computer software to be developed or maintained under this effort. Any changes, modifications, additions or substitutions to the SDP also require prior Government concurrence.

C16S COST AND PERFORMANCE REPORTING (OCT 2012)

- (a) The Contractor agrees to upload the Contractor's Funds and Man-hour Expenditure Reports in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System and submit the Contractor's Performance Report on the day and for the same timeframe the contractor submits an invoice into Wide Area Workflow (WAWF). Compliance with this requirement is a material requirement of this contract. Failure to comply with this requirement may result in contract termination.
- (b) The Contractor's Funds and Man-hour Expenditure Report reports contractor expenditures for labor, materials, travel, subcontractor usage, and other contract charges.
- (c) The Contractor's Performance Report indicates the progress of work and the status of the program and of all assigned tasks. It informs the Government of existing or potential problem areas.

(1) Access:

a) eCRAFT: Reports are uploaded through the Electronic Cost Reporting and Financial Tracking (eCRAFT) System Periodic Report Utility (EPRU). The EPRU spreadsheet and user manual can be obtained at: http://www.navsea.navy.mil/nuwc/newport/contra/default.aspx under eCRAFT information. The eCRAFT e-mail address for report submission is:

you have problems uploading reports, please see the Frequently Asked Questions at the site address above.

b) WAWF: See Section G - Clause HQ G-2009 and 252.232-7006.

(2) Format.

- a) eCRAFT: Data shall be reported in a format acceptable to the Electronic Cost Reporting and Financial Tracking System (eCraft as defined in the EPRU manual.
- b) Contractor's Performance Report: The pages shall be sequentially numbered. All attachments shall be identified and reference in the text of the report. The report shall be prepared in the contractor's format and shall be legible and suitable for reproduction. Electronic submission is mandatory.
- (3) <u>Scope and Content</u>. Costs incurred under this contract/task order are to be segregated at the lowest level of performance, either task, subtask or Technical Instruction (TI), rather than on a total task contract/order basis.
 - a) eCRAFT: Supporting documentation in eCRAFT shall include summaries of work charged during the period covered.
 - b) Contractor's Performance Report:
 - (i) Provide a front cover sheet that indicates the contractor's name and address, the contract number, the system or prograin nomenclature, the report date, the reporting period, the report title and a serial number for the report, the security classification, name and address of the person who prepared the report, and the name of the issuing Government activity (Naval Undersea W Center Division, Newport).
 - (ii) Report contract schedule status. Describe the progress made against milestones during the reporting period.
 - (iii) Report any significant changes to the contractor's organization or methods of operation, to the project management net to the milestone chart, including the addition/deletion of any subcontractors and key personnel
 - (iv) Report problem areas affecting technical, scheduling, or cost elements. Provide background and recommendations for solutions. Report results (positive or negative) obtained related to previously identified problem areas, with conclusions and recommendations.
 - (v) Report all trips and significant results. This shall be a full breakdown, including locations, names of the people who trave and costs.
 - (vi) Report all significant communications and any commitments made thereby. Include all non-contractual communications as technical instructions, e-mails, telephone conversations, etc.
 - (vii) Report Engineering Change Proposal (ECP) status. Identify all ECPs by status, i.e., proposed, approved and implement
 - (viii) Report plans for activities during the following reporting period.
 - (ix) Include appendices for any necessary tables, references, photographs, illustrations, charts, etc.

(4) Submission and Approval.

- a) The contractor shall submit their reports on the same day and for the same timeframe the contractor submits an invoice into WAWF. The amounts shall be same. eCRAFT Approval will be indicated by e-mail notification from eCraft.
- b) <u>Distribution Statement</u>. Distribution Statement B: Distribution to U.S. Government agencies only; Proprietary Information; (da data generated). Other requests for this document shall be referred to NUWCDIVNPT Code 02.
- (d) The contractor shall not provide other funds, man-hour, or status reporting without the prior written approval of the contracting officer.

C25S ACCESS TO GOVERNMENT SITE (OCT 2009)

(a) Contractor personnel shall comply with all current badging and security procedures required to gain access to any Government site. Access to Naval Undersea Warfare Center Division, Newport sites may only be gained by obtaining a badge (either permanent or temporary) from the security office. Compliance with SECNAV M-5510.30, Section 9-20, FACILITY ACCESS DETERMINATION (FAD) PROGRAM is specifically required. Badges shall be issued only after completion of SF85P available at: http://www.opm.gov/forms/index.asp

Contractor personnel requiring a Common Access Card, access to controlled unclassified information (CUI) and/or user level access to DoN or DoD networks and information systems, system security and network defense systems, or to system resources providing visual access and/or ability to input, delete or otherwise manipulate sensitive information without control to identify and deny sensitive information, are required to have a favorably adjudicated NACLC.

The Contractor shall ensure that Contractor personnel employed on any Government site become familiar with and obey Activity regulations. Contractor personnel shall not enter restricted areas unless required to do so and until cleared for such entry. The Contractor shall request permission to interrupt any activity roads or utility services in writing a minimum of 15 calendar days prior to the date of interruption. Contractor personnel shall wear personal protective equipment in designated areas. All contractor equipment shall be conspicuously marked for identification.

The contractor shall strictly adhere to Federal Occupational Safety and Health Agency (OSHA) Regulations, Environmental Protection

Agency (EPA) Regulations, and all applicable state and local requirements.

- (b) The contractor shall ensure that each contractor employee reads the pamphlet entitled, "Occupational Safety and Health Information for Contractors" prior to commencing performance at any NUWCDIVNPT site. This document is available under "Contractor Info" at: http://www.navsea.navy.mil/nuwc/newport/docs/Forms/AllItems.aspx
- (c) The contractor shall ensure that each contractor employee reads the document entitled, "NUWC Environmental Policy" prior to commencing performance at any NUWCDIVNPT site. This document is available at: http://www.navsea.navy.mil/nuwc/newport/docs/EMS_EnvPolicy1.pdf
- (d) The contractor shall ensure that each contractor employee who is resident at any NUWCDIVNPT site completes ISO 14001 Awareness training within 30 days of commencing performance at that site. This training is available on the ISO 14001 webpage on the NUWCDIVNPT Intranet and is also available on the NUWC Division Newport Internet site. This document is available at: http://www.navsea.navy.mil/nuwc/newport/docs/External%20ISO14001 2009%20Training.pdf
- (e) The contractor shall remove from the Government site any individual whose presence is deemed by the Commanding Officer, NUWCDIVNPT, to be contrary to the public interest or inconsistent with the best interests of national security.

C26S INFORMATION ASSURANCE – UNCLASSIFIED DOD INFORMATION ON NON-DOD INFORMATION SYSTEMS (JUL 2012)

- (a) The Contractor shall ensure that unclassified DoD information it receives or produces in support of DoD activities is protected according to the information safeguards described in DoD Instruction 8582.01 Security of Unclassified DoD Information on Non-DoD Information Systems, which is available at the following web address: http://www.dtic.mil/whs/directives/corres/pdf/858201p.pdf
- (b) Upon request by the Government, the Contractor shall provide documentation demonstrating the safeguards the contractor has implemented to ensure the security of unclassified DoD Information.
- (c) Contractor personnel that have not been briefed on DoD Instruction 8582.01 Security of Unclassified DoD Information on Non-DoD Information Systems shall be denied access contractor systems that contain unclassified DoD information.
- (d) Subcontracts. If the Contractor issues any subcontracts in which the subcontractor will have access to unclassified DoD information, the Contractor shall include this clause.

C56S ACCESSIBILITY OF ELECTRONIC AND INFORMATION TECHNOLOGY (MAR 2010)

(a) Each Electronic and Information	Technology (EIT) item of	or service provided under thi	is order shall comp	oly with the EIT	Accessibility
Standards listed below:					

X_36 C.F.R. § 1194.21 - Software applications and operating systems
X_36 C.F.R. § 1194.22 - Web-based and internet information and applications
X_36 C.F.R. § 1194.23 - Telecommunications products
36 C.F.R. § 1194.24 - Video and multimedia products
36 C.F.R. § 1194.25 - Self contained, closed products
X_36 C.F.R. § 1194.26 - Desktop and portable computers
36 C.F.R. § 1194.31 - Functional Performance Criteria
X 36 C.F.R. § 1194.41 – Information, Documentation, and Support

(b) The Contractor shall provide a Voluntary Product Accessibility Template (VPAT) for items or a Government Product/Service Accessibility Template (GPAT) for service to document compliance with the indicated Section 508 Standards.

Please refer to

http://www.itic.org/index.php?submenu=Resources&submenu=Resources&src=gendocs&ref=vpat&category=resources

or http://www.buyaccessible.gov/

for more information on VPATs and GPATs or contact http://www.access-board.gov/contact.htm or www.gsa.gov/section508

(c) The Contractor shall comply with the VPAT or GPAT document submitted. If the Contracting Officer determines that any item or service delivered under this order does not comply with the EIT Accessibility Standards, the Contracting Officer will notify the Contractor

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in writing accordingly. If the Contractor fails to promptly correct or replace the nonconforming products or services with conforming products or services within the delivery schedule contained in the order, the Government will have the rights and remedies contained in the basic contract.

Section D - Packaging and Marking

The following Clauses are incorporated by Full Text:

UW D-2-0001 MARK FOR INFORMATION (AUG 2017)

(a) The Contractor shall include the following "Mark For" information clearly marked on all packages (or items themselves if they are not packaged) delivered under this contract/order:

Mark For:



HQ D-1-0001 DATA PACKAGE LANGUAGE

Data to be delivered by Integrated Digital Environment (IDE) or other electronic media shall be as specified in the contract.

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.

HQ D-2-0006 MARKING AND PACKING LIST(S) (NAVSEA) (NOV 1996)

- (a) <u>Marking</u>. Shipments, shipping containers and palletized unit loads shall be marked in accordance with best commercial practice.
- (b) <u>Packing List(s)</u>. A packing list (DD Form 250 Material Inspection and Receiving Report may be used) identifying the contents of each shipment, shipping container or palletized unit load shall be provided by the Contractor with each shipment. When a contract line item identified under a single stock number includes an assortment of related items such as kit or set components, detached parts or accessories, installation hardware or material, the packing list(s) shall identify the assorted items.

Where assortment of related items is included in the shipping container, a packing list identifying the contents shall be furnished.

- (c) <u>Master Packing List</u>. In addition to the requirements in paragraph (b) above, a master packing list shall be prepared where more than one shipment, shipping container or palletized unit load comprise the contract line item being shipped. The master packing list shall be attached to the number one container and so identified.
- (d) <u>Part Identification</u>. All items within the kit, set, installation hardware or material shall be suitably segregated and identified within the unit pack(s) or shipping container by part number and/or national stock number.

HQ D-2-0007 MARKING AND PACKING LIST(S) - ALTERNATE I (NAVSEA) (APR 2015)

(a) Marking. Shipments, shipping containers and palletized unit loads shall be marked in accordance with

MIL-STD-129R dated 18 February 2014.

- (b) <u>Packing List(s)</u>. A packing list (DD Form 250 Material Inspection and Receiving Report may be used) identifying the contents of each shipment, shipping container or palletized unit load shall be provided by the Contractor with each shipment in accordance with the above cited MIL-STD. When a contract line item identified under a single stock number includes an assortment of related items such as kit or set components, detached parts or accessories, installation hardware or material, the packing list(s) shall identify the assorted items. Where DD Form 1348-1 or DD Form 1348-1A is applicable and an assortment of related items is included in the shipping container, a packing list identifying the contents shall be furnished.
- (c) <u>Master Packing List</u>. In addition to the requirements in paragraph (b) above, a master packing list shall be prepared where more than one shipment, shipping container or palletized unit load comprise the contract line item being shipped. The master packing list shall be attached to the number one container and so identified.
- (d) <u>Part Identification</u>. All items within the kit, set, installation hardware or material shall be suitably segregated and identified within the unit pack(s) or shipping container by part number and/or national stock number. Refer to the above cited MIL-STD for marking of assorted (related-unrelated) items.

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

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

(1) name and business address of the Contractor(2) contract number
(3) contract dollar amount
(4) whether the contract was competitively or non-competitively awarded
(5) sponsor:See TI
(Name of Individual Sponsor)
(Name of Requiring Activity)
(City and State)

Section E - Inspection and Acceptance

The following Clauses are incorporated by Reference: 52.246-4 INSPECTION OF SERVICES -- FIXED-PRICE (AUG. 1996)

52.246-5 INSPECTION OF SERVICES – COST-REIMBURSEMENT (APR 1984)

The following Clauses are incorporated by Full Text:

HQ E-1-0001 INSPECTION AND ACCEPTANCE LANGUAGE FOR DATA

Inspection and acceptance of all data shall be as specified on the attached Contract Data Requirements List(s), DD Form 1423.

HQ E-1-0007 INSPECTION AND ACCEPTANCE LANGUAGE FOR LOE SERVICES

Items: 7000 Series CLINs - Inspection and acceptance shall be made by the Contracting Officer's Representative (COR) or a designated representative of the Government.

HQ E-2-0014 QUALITY IN SOFTWARE DEVELOPMENT AND PRODUCTION (NAVSEA) (MAY 1995)

Quality in Software Development and Production: The contractor's software quality program shall be an integral part of the overall Quality Assurance Program. Software quality program controls shall be applicable to all project software that is developed, maintained, or modified within the following categories:

- (a) All deliverable software
- (b) All deliverable software that is included as part of deliverable hardware or firmware.
- (c) Non deliverable software (commercially available or user-developed) used for development, fabrication, testing, or acceptance of deliverable software or hardware (includes automated fabrication, test, and inspection/acceptance equipment software and software design, test, and inspection tools).
 - (d) Commercially available, reusable, or Government software designated as part of a deliverable item.

Section F - Deliveries or Performance

The following Clauses are incorporated by Full Text:

HQ F-1-0003 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:

SLIN	Funding	Base or Option #	Period of Performance
7100/9100	OMN, SCN, OPN, RDTE, RDDA, SCC, FMS, SPDP, OGVT	Base	10/1/16-9/30/17
7200/9200	OMN, SCN, OPN, RDTE, RDDA, SCC, FMS, SPDP, OGVT	Option 6	10/1/17-9/30/18
7300/9300	OMN, SCN, OPN, RDTE, RDDA, SCC, FMS, SPDP, OGVT	Option 12	10/1/18-9/30/19
7400/9400	OMN, SCN, OPN, RDTE, RDDA, SCC, FMS, SPDP, OGVT	Option 18	10/1/19-9/30/20
7500/9500	OMN, SCN, OPN, RDTE, RDDA, SCC, FMS, SPDP, OGVT	Option 24	10/1/20-9/30/21

^{*}If option is exercised

NOTE: The option periods of performance are estimated and projected for planning purposes. However, if the option is not exercised prior to the beginning of the option's projected performance period as outlined in the schedule, upon receipt of funds, the contracting officer will bilaterally modify the schedule. The option's performance timeframe shall be adjusted to correlate to the time frame commensurate with the exercise of the option for a period not to exceed 12 months.

F1SX PERIOD OF PERFORMANCE (JUN 2010)

For non-LOE services (8000 Series CLINs): Services to be furnished hereunder shall be performed and completed as follows:

SLIN	Funding	BaseorOption#	PeriodofPerformance
8100AA	SCC	Option 1	10/01/2016-09/30/2017
8100AB	SCN	Option 2	10/01/2016-03/31/2017
8100AC	OPN	Option 3	10/01/2016-03/31/2017
8100AD	SCN	Option 4	04/01/2017-09/30/2017
8100AE	OPN	Option 5	04/01/2017-09/30/2017
8200AA	SCC	Option 7	10/01/2017-09/30/2018
8200AB	SCN	Option 8	10/01/2017-03/31/2018
8200AC	OPN	Option 9	10/01/2017-03/31/2018
8200AD	SCN	Option 10	06/06/2018-11/06/2018
8200AE	OPN	Option 11	04/01/2018-09/30/2018
8300AA	SCC	Option 13	10/01/2018-09/30/2019
8300AB	SCN	Option 14	10/01/2018-03/31/2019
8300AC	OPN	Option 15	10/01/2018-03/31/2019
8300AD	SCN	Option 16	04/01/2019-09/30/2019
8300AE	OPN	Option 17	04/01/2019-09/30/2019
8400AA	SCC	Option 19	10/01/2019-09/30/2020
8400AB	SCN	Option 20	10/01/2019-03/31/2020
8400AC	OPN	Option 21	10/01/2019-03/31/2020
8400AD	SCN	Option 22	04/01/2020-09/30/2020

	8400AE	OPN	Option 23	05/01/2020-09/30/2020
	8500AA	SCC	Option 25	10/01/2020-09/30/2021
	8500AB	SCN	Option 26	10/01/2020-03/31/2021
	8500AC	OPN	Option 27	10/01/2020-03/31/2021
ſ	8500AD	SCN	Option 28	04/01/2021-09/30/2021
	8500AE	OPN	Option 29	04/01/2021-09/30/2021

PERIOD OF PERFORMANCE NOTE: The option periods of performance are estimated and projected for planning purposes. However, if the option is not exercised prior to the beginning of the option's projected performance period as outlined in the schedule, upon receipt of funds, the Contracting Officer will modify the schedule. The option's performance timeframe shall be adjusted to correlate to the timeframe commensurate with the exercise of the option for a period not to exceed twelve (12) months.

HO F-2-0003 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.

F30SX PLACE OF PERFORMANCE (APR 2005)

Work will be performed at locations required by the Statement of Work (SOW) as specifically clarified in Technical Instructions.

The Period of Performance of the following Firm items are as follows:

7100	10/01/2016 - 09/30/2017
7101 AA	10/01/2016 - 09/30/2017
7101 AB	10/01/2016 - 09/30/2017
7101 AC	10/01/2016 - 09/30/2017
7101 AD	10/01/2016 - 09/30/2017
7101 AE	10/01/2016 - 09/30/2017
7101 AF	10/25/2016 - 09/30/2017
7101 AG	10/25/2016 - 09/30/2017
7101 AH	10/25/2016 - 09/30/2017
7101 AJ	12/05/2016 - 09/30/2017
7101 AK	12/09/2016 - 09/30/2017
7101 AL	12/09/2016 - 09/30/2017
7101 AM	12/09/2016 - 09/30/2017
7101 AP	01/06/2017 - 09/30/2017
7101 AQ	02/10/2017 - 09/30/2017
7101 AR	02/16/2017 - 09/30/2017
7101 AS	02/16/2017 - 09/30/2017
7101 AT	02/16/2017 - 09/30/2017
7101 AU	02/16/2017 - 09/30/2017
7101 AV	02/16/2017 - 09/30/2017
7101 AW	02/16/2017 - 09/30/2017
7101 AX	02/16/2017 - 09/30/2017

7101 AY	02/16/2017 - 09/30/2017
7101 AZ	03/03/2017 - 09/30/2017
7101 BA	03/03/2017 - 09/30/2017
7101 BB	03/24/2017 - 09/30/2017
7101 BC	04/07/2017 - 09/30/2017
7101 BD	04/13/2017 - 09/30/2017
7101 BE	05/10/2017 - 09/30/2017
7101 BF	05/23/2017 - 09/30/2017
7101 BG	06/08/2016 - 09/30/2017
7101 BH	06/08/2017 - 09/30/2017
7101 BJ	06/08/2017 - 09/30/2017
7101 BK	06/30/2017 - 09/30/2017
7101 BL	07/14/2017 - 09/30/2017
7101 BM	07/21/2017 - 09/30/2017
7101 BN	07/21/2017 - 09/30/2017
7101 BP	07/21/2017 - 09/30/2017
7101 BQ	07/27/2017 - 09/30/2017
7101 BR	07/27/2017 - 09/30/2017
7101 BS	08/01/2017 - 09/30/2017
7101 BT	08/01/2017 - 09/30/2017
7101 BU	08/17/2017 - 09/30/2017
7101 BV	09/01/2017 - 09/30/2017
7101 BW	09/15/2017 - 09/30/2017
7101 BX	09/15/2017 - 09/30/2017
7200	10/01/2017 - 09/30/2018
7201 AA	10/01/2017 - 09/30/2018
7201 AB	10/01/2017 - 09/30/2018
7201 AC	10/01/2017 - 09/30/2018
7201 AD	10/01/2017 - 09/30/2018
7201 AE	10/01/2017 - 09/30/2018
7201 AF	10/01/2017 - 09/30/2018
7201 AG	10/01/2017 - 09/30/2018
7201 AH	10/01/2017 - 09/30/2018
7201 AJ	10/24/2017 - 09/30/2018
7201 AK	11/01/2017 - 09/30/2018
7201 AL	11/01/2017 - 09/30/2018
7201 AM	12/08/2017 - 09/30/2018
7201 AN	12/08/2017 - 09/30/2018
7201 AP	12/08/2017 - 09/30/2018
7201 AQ	12/08/2017 - 09/30/2018
7201 AR	01/19/2018 - 09/30/2018

7201 AS	01/19/2018 - 09/30/2018
7201 AT	01/19/2018 - 05/31/2018
7201 AU	01/26/2018 - 09/30/2018
7201 AV	02/28/2018 - 09/30/2018
7201 AW	02/28/2018 - 09/30/2018
7201 AX	02/28/2018 - 09/30/2018
7201 AY	02/28/2018 - 09/30/2018
7201 AZ	02/28/2018 - 09/30/2018
7201 BA	02/28/2018 - 09/30/2018
7201 BB	02/28/2018 - 09/30/2018
7201 BC	02/28/2018 - 09/30/2018
7201 BD	02/28/2018 - 09/30/2018
7201 BE	03/06/2018 - 09/30/2018
7201 BF	03/06/2018 - 09/30/2018
7201 BG	03/06/2018 - 09/30/2018
7201 BH	04/12/2018 - 09/30/2018
7201 BJ	04/12/2018 - 09/30/2018
7201 BK	04/12/2018 - 09/30/2018
7201 BL	04/12/2018 - 09/30/2018
7201 BM	04/12/2018 - 09/30/2018
7201 BN	04/23/2018 - 09/30/2018
7201 BP	05/10/2018 - 09/30/2018
7201 BQ	05/10/2018 - 09/30/2018
7201 BR	06/07/2018 - 09/30/2018
7201 BS	06/07/2018 - 09/30/2018
7201 BT	06/07/2018 - 09/30/2018
7201 BU	06/07/2018 - 09/30/2018
7201 BV	06/07/2018 - 09/30/2018
7201 BW	06/07/2018 - 09/30/2018
7201 BX	06/07/2018 - 09/30/2018
7201 BY	06/13/2018 - 09/30/2018
7201 BZ	07/20/2018 - 09/30/2018
7201 CA	07/20/2018 - 09/30/2018
7201 CB	07/20/2018 - 09/30/2018
7201 CC	07/20/2018 - 09/30/2018
7201 CD	08/08/2018 - 09/30/2018
7201 CE	08/08/2018 - 09/30/2018
7201 CF	08/08/2018 - 09/30/2018
7201 CG	08/08/2018 - 09/30/2018
7300	10/01/2018 - 09/30/2019
7301 AA	10/01/2018 - 09/30/2019

7301 AB	10/01/2018 - 09/30/2019
7301 AC	10/01/2018 - 09/30/2019
7301 AD	10/01/2018 - 09/30/2019
7301 AE	10/01/2018 - 09/30/2019
7301 AF	10/01/2018 - 09/30/2019
7301 AG	10/01/2018 - 09/30/2019
7301 AH	10/01/2018 - 09/30/2019
7301 AJ	10/12/2018 - 09/30/2019
7301 AK	10/12/2018 - 09/30/2019
7301 AL	11/09/2018 - 09/30/2019
7301 AM	11/16/2018 - 09/30/2019
7301 AN	11/16/2018 - 09/30/2019
7301 AP	11/16/2018 - 09/30/2019
7301 AQ	11/16/2018 - 09/30/2019
7301 AR	11/16/2018 - 09/30/2019
7301 AS	12/12/2018 - 01/30/2019
7301 AT	12/12/2018 - 09/30/2019
7301 AU	12/21/2018 - 09/30/2019
7301 AV	02/13/2019 - 09/30/2019
7301 AW	02/13/2019 - 09/30/2019
7301 AX	02/13/2019 - 09/30/2019
7301 AY	02/13/2019 - 09/30/2019
7301 AZ	02/13/2019 - 09/30/2019
7301 BA	03/06/2019 - 09/30/2020
7301 BB	03/06/2019 - 09/30/2019
7301 BC	03/06/2019 - 09/30/2019
7301 BD	03/06/2019 - 09/30/2019
7301 BE	03/06/2019 - 09/30/2019
7301 BF	03/06/2019 - 09/30/2019
7301 BG	03/06/2019 - 09/30/2019
7301 BH	03/26/2019 - 09/30/2019
7301 BJ	04/01/2019 - 09/30/2019
7301 BK	05/07/2019 - 09/30/2019
7301 BL	05/07/2019 - 09/30/2019
7301 BM	05/07/2019 - 09/30/2019
7301 BN	06/13/2019 - 09/30/2019
7301 BP	06/26/2019 - 09/30/2019
7301 BQ	06/26/2019 - 09/30/2019
7301 BR	06/26/2019 - 09/30/2019
7301 BS	06/26/2019 - 09/30/2019
7301 BT	06/26/2019 - 09/30/2019

7301 BU	06/26/2019 - 09/30/2019
7301 BV	06/26/2019 - 09/30/2019
7301 BW	07/29/2019 - 09/30/2019
7301 BX	07/29/2019 - 09/30/2019
7301 BY	08/14/2019 - 09/30/2019
7301 BZ	08/14/2019 - 09/30/2019
7301 CA	08/14/2019 - 09/30/2019
7301 CB	08/14/2019 - 09/30/2020
7301 CC	08/29/2019 - 09/30/2019
7301 CD	08/29/2019 - 09/30/2019
7400	10/01/2019 - 09/30/2020
7401 AA	10/01/2019 - 09/30/2020
7401 AB	10/01/2019 - 09/30/2020
7401 AC	10/01/2019 - 09/30/2020
7401 AD	10/01/2019 - 11/30/2019
7401 AE	10/01/2019 - 09/30/2020
7401 AF	10/01/2019 - 09/30/2020
7401 AG	10/01/2019 - 09/30/2020
7401 AH	10/01/2019 - 09/30/2020
7401 AJ	10/01/2019 - 09/30/2020
7401 AK	10/01/2019 - 09/30/2020
7401 AL	10/02/2019 - 09/30/2020
7401 AM	10/25/2019 - 09/30/2020
7401 AN	10/25/2019 - 09/30/2020
7401 AP	12/03/2019 - 09/30/2020
7401 AQ	12/03/2019 - 09/30/2020
7401 AR	12/03/2019 - 09/30/2020
7401 AS	12/19/2019 - 09/30/2020
7401 AT	12/19/2019 - 09/30/2020
7401 AU	12/19/2019 - 09/30/2020
7401 AV	12/26/2019 - 09/30/2020
7401 AW	12/26/2019 - 09/30/2020
7401 AX	12/26/2019 - 09/30/2020
7401 AY	01/10/2020 - 09/30/2020
7401 AZ	01/10/2020 - 09/30/2020
7401 BA	01/17/2020 - 04/30/2020
7401 BB	01/17/2020 - 09/30/2020
7401 BC	02/07/2020 - 09/30/2020
7401 BD	02/07/2020 - 09/30/2020
7401 BE	02/07/2020 - 09/30/2020
7401 BF	02/07/2020 - 09/30/2020

7401 BG	02/07/2020 - 09/30/2020
7401 BH	03/03/2020 - 09/30/2020
7401 BJ	03/03/2020 - 09/30/2020
7401 BK	03/03/2020 - 09/30/2020
7401 BL	03/03/2020 - 09/30/2020
7401 BM	03/03/2020 - 09/30/2020
7401 BN	03/03/2020 - 09/30/2020
7401 BP	03/19/2020 - 09/30/2020
7401 BQ	03/19/2020 - 09/30/2020
7401 BR	03/19/2020 - 09/30/2020
7401 BS	04/09/2020 - 09/30/2020
7401 BT	04/09/2020 - 09/30/2020
7401 BU	04/09/2020 - 09/30/2020
7401 BV	04/28/2020 - 09/30/2020
7401 BW	04/28/2020 - 09/30/2020
7401 BX	05/08/2020 - 09/30/2020
7401 BY	05/15/2020 - 09/30/2020
7401 BZ	05/15/2020 - 09/30/2020
7401 CA	05/15/2020 - 09/30/2020
7401 CB	05/15/2020 - 09/30/2020
7401 CC	06/30/2020 - 09/30/2020
7401 CD	07/15/2020 - 09/30/2020
7401 CE	07/15/2020 - 09/30/2020
7401 CF	07/15/2020 - 09/30/2020
7401 CG	07/31/2020 - 09/30/2020
7500	10/01/2020 - 09/30/2021
7501 AA	10/01/2020 - 09/30/2021
7501 AB	10/01/2020 - 12/31/2020
7501 AC	10/01/2020 - 09/30/2021
7501 AD	10/01/2020 - 09/30/2021
7501 AE	10/01/2020 - 09/30/2021
7501 AF	10/01/2020 - 09/30/2021
7501 AG	10/01/2020 - 09/30/2021
7501 AH	10/01/2020 - 09/30/2021
7501 AJ	10/01/2020 - 02/19/2021
7501 AK	10/01/2020 - 11/30/2020
7501 AL	10/01/2020 - 09/30/2021
7501 AM	10/01/2020 - 09/30/2021
7501 AN	10/01/2020 - 09/30/2021
7501 AP	10/01/2020 - 09/30/2021
7501 AQ	10/01/2020 - 03/31/2021

7501 AR	10/01/2020 - 09/30/2021
7501 AS	11/06/2020 - 09/30/2021
7501 AT	11/06/2020 - 09/30/2021
8100 AA	10/01/2016 - 09/30/2017
8100 AB	01/04/2017 - 03/31/2017
8100 AC	10/01/2016 - 03/31/2017
8100 AD	05/11/2017 - 09/30/2017
8100 AE	09/01/2017 - 09/30/2017
8200 AA	10/01/2017 - 09/30/2018
8200 AC	10/01/2017 - 03/31/2018
8200 AD	06/07/2018 - 11/06/2018
8300 AA	10/01/2018 - 09/30/2019
8300 AB	10/01/2018 - 03/31/2019
8300 AC	10/01/2018 - 03/31/2019
8300 AD	04/01/2019 - 09/30/2019
8300 AE	04/01/2019 - 09/30/2019
8400 AA	10/01/2019 - 09/30/2020
8400 AB	10/01/2019 - 03/31/2020
8400 AC	10/01/2019 - 03/31/2020
8400 AD	04/01/2020 - 09/30/2020
8400 AE	05/01/2020 - 09/30/2020
8500 AA	10/01/2020 - 09/30/2021
8500 AB	10/01/2020 - 03/31/2021
8500 AC	10/01/2020 - 03/31/2021
9100	10/01/2016 - 09/30/2017
9101 AA	10/01/2016 - 09/30/2017
9101 AB	10/01/2016 - 09/30/2017
9101 AC	10/01/2016 - 09/30/2017
9101 AD	10/01/2016 - 09/30/2017
9101 AE	10/25/2016 - 09/30/2017
9101 AF	10/25/2016 - 09/30/2017
9101 AG	12/05/2016 - 09/30/2017
9101 AH	12/09/2016 - 09/30/2017
9101 AJ	01/06/2017 - 09/30/2017
9101 AK	02/16/2017 - 09/30/2017
9101 AL	02/16/2017 - 09/30/2017
9101 AM	02/16/2017 - 09/30/2017
9101 AN	02/16/2017 - 09/30/2017
9101 AP	02/16/2017 - 09/30/2017
9101 AQ	02/10/2017 - 09/30/2017
9101 AR	03/03/2017 - 09/30/2017

9101 AS	04/07/2017 - 09/30/2017
9101 AT	04/13/2017 - 09/30/2017
9101 AU	05/23/2017 - 09/30/2017
9101 AV	06/08/2016 - 09/30/2017
9101 AW	06/08/2017 - 09/30/2017
9101 AX	06/08/2017 - 09/30/2017
9101 AY	06/30/2017 - 09/30/2017
9101 AZ	07/14/2017 - 09/30/2017
9101 BA	07/21/2017 - 09/30/2017
9101 BB	07/27/2017 - 09/30/2017
9101 BC	08/01/2017 - 09/30/2017
9101 BD	08/17/2017 - 09/30/2017
9101 BE	09/15/2017 - 09/30/2017
9101 BF	09/15/2017 - 09/30/2017
9200	10/01/2017 - 09/30/2018
9201 AA	10/01/2017 - 09/30/2018
9201 AB	10/01/2017 - 09/30/2018
9201 AC	10/01/2017 - 09/30/2018
9201 AD	10/01/2017 - 09/30/2018
9201 AE	10/01/2017 - 09/30/2018
9201 AF	10/01/2017 - 09/30/2018
9201 AG	11/01/2017 - 09/30/2018
9201 AH	12/08/2017 - 09/30/2018
9201 AJ	12/08/2017 - 09/30/2018
9201 AK	12/08/2017 - 09/30/2018
9201 AL	01/19/2018 - 09/30/2018
9201 AM	01/19/2018 - 05/31/2018
9201 AN	01/26/2018 - 09/30/2018
9201 AP	02/28/2018 - 09/30/2018
9201 AQ	02/28/2018 - 09/30/2018
9201 AR	02/28/2018 - 09/30/2018
9201 AS	02/28/2018 - 09/30/2018
9201 AT	02/28/2018 - 09/30/2018
9201 AU	02/28/2018 - 09/30/2018
9201 AV	02/28/2018 - 09/30/2018
9201 AW	02/28/2018 - 09/30/2018
9201 AX	03/06/2018 - 09/30/2018
9201 AY	03/06/2018 - 09/30/2018
9201 AZ	03/06/2018 - 09/30/2018
9201 BA	04/12/2018 - 09/30/2018
9201 BB	04/12/2018 - 09/30/2018

9201 BC	04/12/2018 - 09/30/2018
9201 BD	04/23/2018 - 09/30/2018
9201 BE	05/10/2018 - 09/30/2018
9201 BF	05/10/2018 - 09/30/2018
9201 BG	06/07/2018 - 09/30/2018
9201 BH	06/07/2018 - 09/30/2018
9201 BJ	06/07/2018 - 09/30/2018
9201 BK	10/01/2018 - 09/30/2019
9201 BL	07/20/2018 - 09/30/2018
9201 BM	07/20/2018 - 09/30/2018
9201 BN	07/20/2018 - 09/30/2018
9201 BP	07/20/2018 - 09/30/2018
9201 BQ	08/08/2018 - 09/30/2018
9201 BR	08/08/2018 - 09/30/2018
9201 BS	08/08/2018 - 09/30/2018
9300	10/01/2018 - 09/30/2019
9301 AA	10/01/2018 - 09/30/2019
9301 AB	10/01/2018 - 09/30/2019
9301 AC	10/01/2018 - 09/30/2019
9301 AD	10/01/2018 - 09/30/2019
9301 AE	10/01/2018 - 09/30/2019
9301 AF	10/01/2018 - 09/30/2019
9301 AG	10/12/2018 - 09/30/2019
9301 AH	11/09/2018 - 09/30/2019
9301 AJ	11/16/2018 - 09/30/2019
9301 AK	11/16/2018 - 09/30/2019
9301 AL	11/16/2018 - 09/30/2019
9301 AM	11/16/2018 - 09/30/2019
9301 AN	12/12/2018 - 01/30/2019
9301 AP	12/12/2018 - 09/30/2019
9301 AQ	12/21/2018 - 09/30/2019
9301 AR	02/13/2019 - 09/30/2019
9301 AS	02/13/2019 - 09/30/2019
9301 AT	03/06/2019 - 09/30/2019
9301 AU	03/06/2019 - 09/30/2019
9301 AV	03/06/2019 - 09/30/2019
9301 AW	03/06/2019 - 09/30/2019
9301 AX	03/06/2019 - 09/30/2019
9301 AY	03/26/2019 - 09/30/2019
9301 AZ	04/01/2019 - 09/30/2019
9301 BA	05/07/2019 - 09/30/2019

9301 BB	05/07/2019 - 09/30/2019
9301 BC	06/13/2019 - 09/30/2019
9301 BD	06/26/2019 - 09/30/2019
9301 BE	06/26/2019 - 09/30/2019
9301 BF	06/26/2019 - 09/30/2019
9301 BG	06/26/2019 - 09/30/2019
9301 BH	06/26/2019 - 09/30/2019
9301 BJ	06/26/2019 - 09/30/2019
9301 BK	07/29/2019 - 09/30/2019
9301 BL	08/14/2019 - 09/30/2019
9301 BM	08/14/2019 - 09/30/2019
9301 BN	08/29/2019 - 09/30/2019
9400	10/01/2019 - 09/30/2020
9401 AA	10/01/2019 - 09/30/2020
9401 AB	10/01/2019 - 09/30/2020
9401 AC	10/01/2019 - 09/30/2020
9401 AD	10/01/2019 - 11/30/2019
9401 AE	10/01/2019 - 09/30/2020
9401 AF	10/02/2019 - 09/30/2020
9401 AG	10/25/2019 - 09/30/2020
9401 AH	10/25/2019 - 09/30/2020
9401 AJ	12/03/2019 - 09/30/2020
9401 AK	12/03/2019 - 09/30/2020
9401 AL	12/03/2019 - 09/30/2020
9401 AM	12/19/2019 - 09/30/2020
9401 AN	12/19/2019 - 09/30/2020
9401 AP	01/10/2020 - 09/30/2020
9401 AQ	01/10/2020 - 09/30/2020
9401 AR	01/17/2020 - 04/30/2020
9401 AS	01/17/2020 - 09/30/2020
9401 AT	02/07/2020 - 09/30/2020
9401 AU	02/07/2020 - 09/30/2020
9401 AV	02/07/2020 - 09/30/2020
9401 AW	02/07/2020 - 09/30/2020
9401 AX	03/03/2020 - 09/30/2020
9401 AY	03/03/2020 - 09/30/2020
9401 AZ	03/03/2020 - 09/30/2020
9401 BA	03/19/2020 - 09/30/2020
9401 BB	03/19/2020 - 09/30/2020
9401 BC	04/09/2020 - 09/30/2020
9401 BD	04/09/2020 - 09/30/2020

9401 BE	04/28/2020 - 09/30/2020
9401 BF	04/28/2020 - 09/30/2020
9401 BG	05/08/2020 - 09/30/2020
9401 BH	05/15/2020 - 09/30/2020
9401 BJ	05/15/2020 - 09/30/2020
9401 BK	06/30/2020 - 09/30/2020
9401 BL	07/15/2020 - 09/30/2020
9401 BM	07/15/2020 - 09/30/2020
9500	10/01/2020 - 09/30/2021
9501 AA	10/01/2020 - 12/31/2020
9501 AB	10/01/2020 - 09/30/2021
9501 AC	10/01/2020 - 09/30/2021
9501 AD	10/01/2020 - 09/30/2021
9501 AE	10/01/2020 - 09/30/2021
9501 AF	10/01/2020 - 09/30/2021
9501 AG	10/01/2020 - 02/19/2021
9501 AH	10/01/2020 - 11/30/2020
9501 AJ	10/01/2020 - 09/30/2021
9501 AK	10/01/2020 - 09/30/2021
9501 AL	10/01/2020 - 09/30/2021
9501 AM	10/01/2020 - 03/31/2021
9501 AN	11/06/2020 - 09/30/2021
9501 AP	11/06/2020 - 09/30/2021

The Period of Performance of the following Option items are as follows:

8200 AB	10/01/2017 - 03/31/2018	
8200 AE	04/01/2018 - 09/30/2018	
8500 AD	04/01/2021 - 09/30/2021	
8500 AE	04/01/2021 - 09/30/2021	

Section G - Contract Administration Data

The following Clauses are incorporated by Full Text:

252.204-0001 Line Item Specific: Single Funding (SEP 2009)

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

252.232-7006 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 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 - 7000 and 9000 CLINs

INVOICE AND RECEIVING REPORT COMBO - 8000 SERIES CLINS

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

Destination

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

Field Name in WAWF	Data to be entered in WAWF 7000 AND 9000 SERIES CLINS	Data to be entered in WAWF 8000 SERIES CLINS
Pay Official DoDAAC		
Issue By DoDAAC		
Admin DoDAAC		
Inspect By DoDAAC		
Ship To Code		
Ship From Code		
Mark For Code		
Service Approver (DoDAAC)		
Service Acceptor (DoDAAC)		
Accept at Other DoDAAC		
LPO DoDAAC		
DCAA Auditor DoDAAC		
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 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.
 - (2) For technical WAWF help, contact the WAWF helpdesk a

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

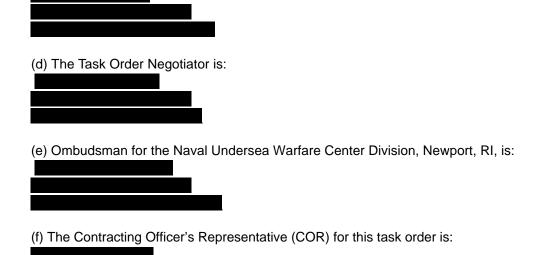
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of performance, either at the technical instruction (TI), sub line item number (SLIN), or contract line item number (CLIN) level, rather than on a total contract/TO basis, and to submit invoices reflecting costs incurred at that level. Supporting documentation 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.

G10S CONTRACTUAL AUTHORITY AND COMMUNICATIONS (NOVEMBER 2012)

- (a) Functions: The Procuring Contracting Officer (PCO) for this contract is identified on the basic contract. Only the PCO can change the basic contract, and the PCO maintains primacy over the contract and all its task orders. The Contracting Officer of this Task Order is a warranted Ordering Officer of the Naval Undersea Warfare Center Division Newport. The Government reserves the right to administratively transfer authority over this task order from the individual named below to another Contracting Officer at any time.
- (b) Authority: The Contracting Officer is the only person authorized to approve changes in any of the requirements of this task order and, notwithstanding provisions contained elsewhere in this task order, the said authority remains solely the Contracting Officer's. The Contractor shall not comply with any order, direction or request of Government personnel that would constitute a change unless it is issued in writing and signed by the Contracting Officer. No order, statement, or conduct of any Government personnel who visit the Contractor's facilities or in any other manner communicates with Contractor personnel during the performance of this task order shall constitute a change under the Changes clause of this task order and no adjustment will be made in the task order price to cover any increase in charges incurred as a result thereof. Therefore, in no event will any understanding, agreement, modification, change order, or other matter deviating from the terms of the basic contract or this task order between the contractor and any other person be effective or binding on the Government. If, in the opinion of the contractor, an effort outside the existing scope of this task order is requested, the contractor shall promptly notify the Contracting Officer in writing. No action shall be taken by the contractor unless the Contracting Officer or basic contract PCO has issued a formal modification.





The COR is responsible for those specific functions assigned in the COR Appointment Letter.

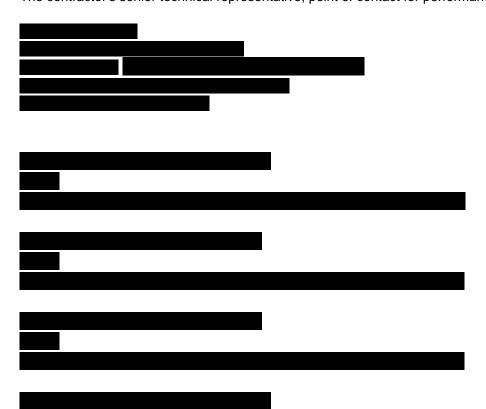
(g) The Contractor's Representative is:

G11S CONTRACT ADMINISTRATION FUNCTIONS (SERVICES) (MAR 2011)

- (a) The cognizant Administrative Contracting Office for this task order is identified in Block 6 on page one of this task order.
- (b) TASK ORDER ACO DELEGATED FUNCTIONS. The task order Administrative Contracting Officer (ACO) is delegated the following functions:
- (1) All functions of FAR 42.302(a) except (3), (40), (44), (45), (46), (47), (51), (59), (62), (63), (64), and (70).
- (2) The function of FAR 42.302(b)(6).
- (c) If the task order ACO identifies a contract administration problem, the remedy for which is not covered by the above, the task order ACO shall request the Contracting Officer to delegate additional functions as necessary. The Contracting Officer may delegate authority by letter.

G14S CONTRACTOR'S SENIOR TECHNICAL REPRESENTATIVE (AUG 2005)

The contractor's senior technical representative, point of contact for performance under this contract is:



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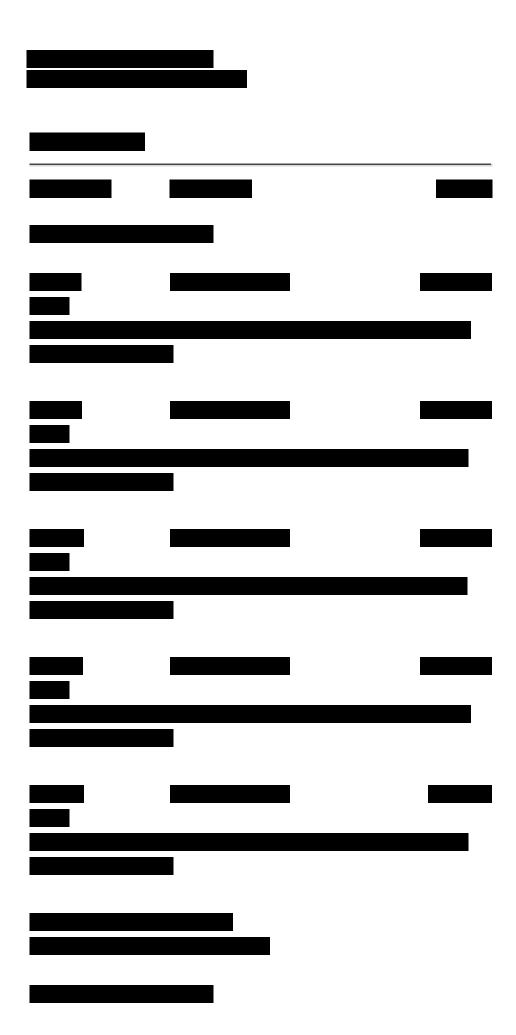
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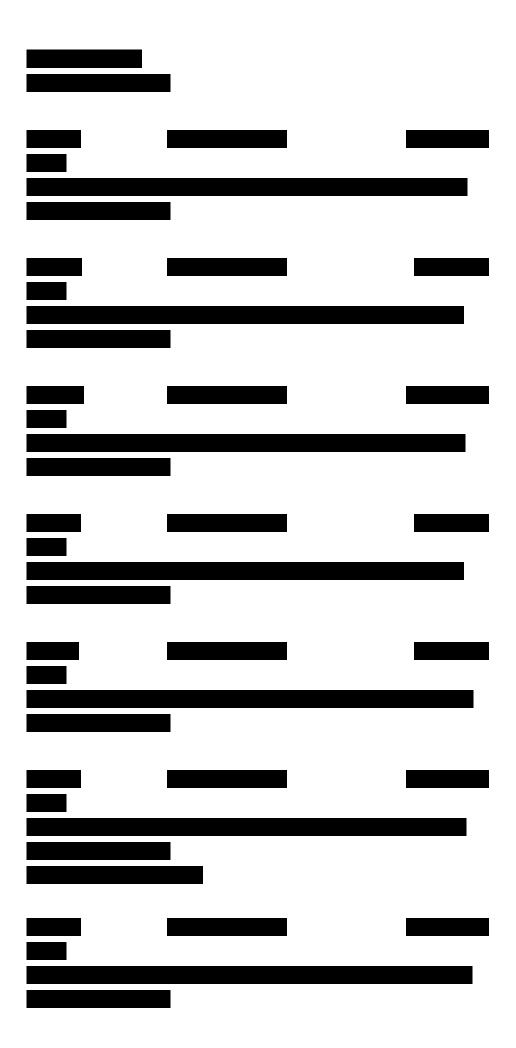
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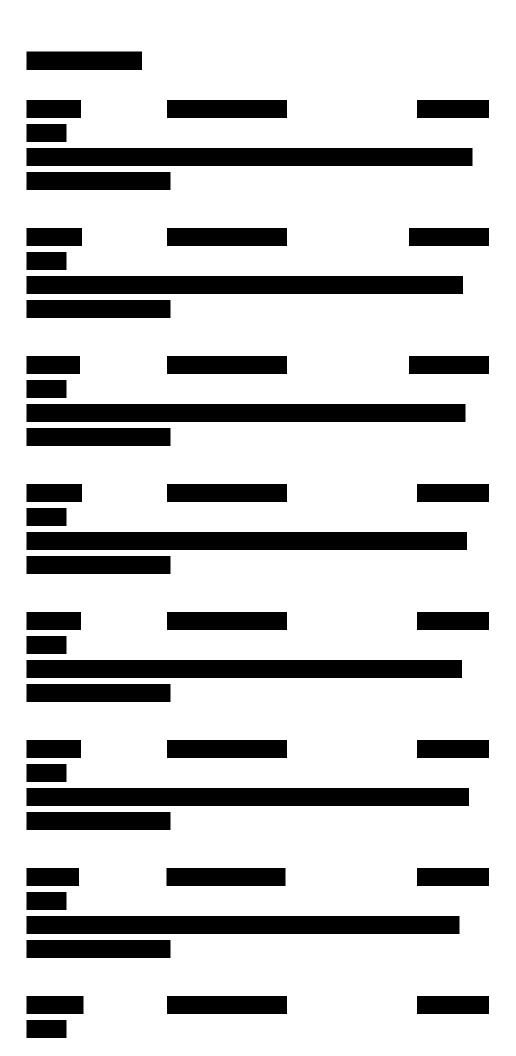
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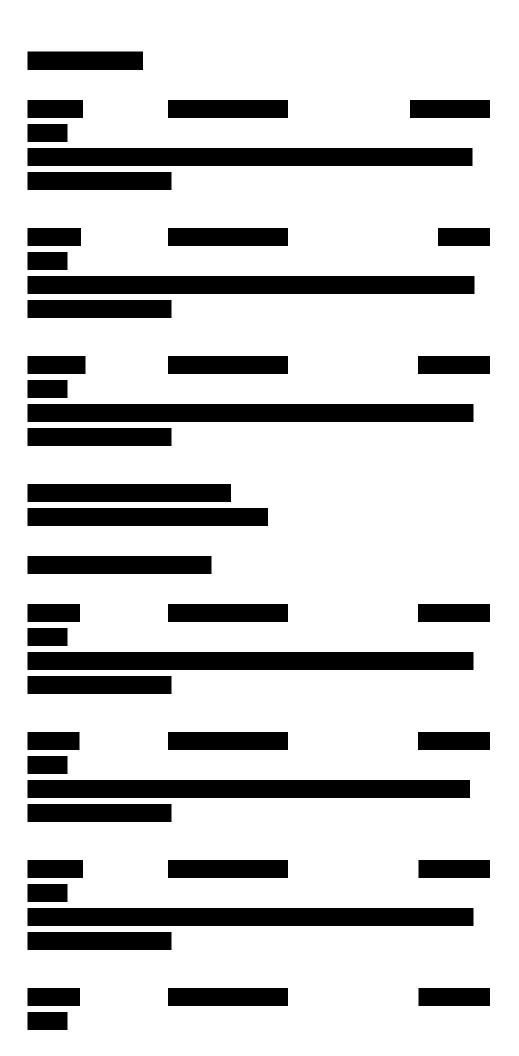
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Section H - Special Contract Requirements

The following Clauses are incorporated by Full Text:

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.
- (d) NATIONAL STOCK NUMBERS Whenever the term Federal Item Identification Number and its acronym FIIN or the term Federal Stock Number and its acronym FSN appear in the contract, order or their cited specifications and standards, the terms and acronyms shall be interpreted as National Item Identification Number (NIIN) and National Stock Number (NSN) respectively which shall be defined as follows:
- (1) National Item Identification Number (NIIN). The number assigned to each approved Item Identification under the Federal Cataloging Program. It consists of nine numeric characters, the first two of which are the National Codification Bureau (NCB) Code. The remaining positions consist of a seven digit non-significant number.
- (2) National Stock Number (NSN). The National Stock Number (NSN) for an item of supply consists of the applicable four position Federal Supply Class (FSC) plus the applicable nine position NIIN assigned to the item of supply.

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

- (a) The Contractor agrees to provide the total level of effort specified in the next sentence in performance of the work described in Sections B and C of this contract. The total level of effort for the performance of this contract shall be (7000 Series CLINs only) total man-hours of direct labor, including subcontractor direct labor for those subcontractors specifically identified in the Contractor's proposal as having hours included in the proposed level of effort.
- (b) Of the total man-hours of direct labor set forth above, it is estimated that ____man-hours are uncompensated effort.

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

- (c) Effort performed in fulfilling the total level of effort obligations specified above shall only include effort performed in <u>direct</u> support of this contract and shall not include time and effort expended on such things as (local travel to and from an employee's usual work location), uncompensated effort while on travel status, truncated lunch periods, work (actual or inferred) at an employee's residence or other non-work locations (except as provided in paragraph (i) below), or other time and effort which does not have a specific and direct contribution to the tasks described in Sections B and C.
- (d) The level of effort for this contract shall be expended evenly over the period of performance. It is understood and agreed that the rate of man-hours per month may fluctuate in pursuit of the technical objective, provided such fluctuation does not result in the use of the total man-hours of effort prior to the expiration of the term hereof, except as provided in the following paragraph.
- (e) If, during the term hereof, the Contractor finds it necessary to accelerate the expenditure of direct labor to such an extent that the total man-hours of effort specified above would be used prior to the expiration of the term, the Contractor shall notify the

Contracting Officer in writing setting forth the acceleration required, the probable benefits which would result, and an offer to undertake the acceleration at no increase in the estimated cost or fee together with an offer, setting forth a proposed level of effort, cost breakdown, and proposed fee, for continuation of the work until expiration of the term hereof. The offer shall provide that the work proposed will be subject to the terms and conditions of this contract and any additions or changes required by then current law, regulations, or directives, and that the offer, with a written notice of acceptance by the Contracting Officer, shall constitute a binding contract. The Contractor shall not accelerate any effort until receipt of such written approval by the Contracting Officer. Any agreement to accelerate will be formalized by contract modification.

- (f) The Contracting Officer may, by written order, direct the Contractor to accelerate the expenditure of direct labor such that the total man-hours of effort specified in paragraph (a) above would be used prior to the expiration of the term. This order shall specify the acceleration required and the resulting revised term. The Contractor shall acknowledge this order within five days of receipt.
- (g) The Contractor shall provide and maintain an accounting system, acceptable to the Administrative Contracting Officer and the Defense Contract Audit Agency (DCAA), which collects costs incurred and effort (compensated and uncompensated, if any) provided in fulfillment of the level of effort obligations of this contract. The Contractor shall indicate on each invoice the total level of effort claimed during the period covered by the invoice, separately identifying compensated effort and uncompensated effort, if any.
- (h) Within 45 days after completion of the work under each separately identified period of performance hereunder, the Contractor shall submit the following information in writing to the Contracting Officer with copies to the cognizant Contract Administration Office and to the DCAA office to which vouchers are submitted: (1) the total number of man-hours of direct labor expended during the applicable period; (2) a breakdown of this total showing the number of man-hours expended in each direct labor classification and associated direct and indirect costs; (3) a breakdown of other costs incurred; and (4) the Contractor's estimate of the total allowable cost incurred under the contract for the period. Within 45 days after completion of the work under the contract, the Contractor shall submit, in addition, in the case of a cost underrun; (5) the amount by which the estimated cost of this contract may be reduced to recover excess funds. All submissions shall include subcontractor information.
- (i) Unless the Contracting Officer determines that alternative worksite arrangements are detrimental to contract performance, the Contractor may perform up to 10% of the hours at an alternative worksite, provided the Contractor has a company-approved alternative worksite plan. The primary worksite is the traditional "main office" worksite. An alternative worksite means an employee's residence or a telecommuting center. A telecommuting center is a geographically convenient office setting as an alternative to an employee's main office. The Government reserves the right to review the Contractor's alternative worksite plan. In the event performance becomes unacceptable, the Contractor will be prohibited from counting the hours performed at the alternative worksite in fulfilling the total level of effort obligations of the contract. Regardless of work location, all contract terms and conditions, including security requirements and labor laws, remain in effect. The Government shall not incur any additional cost nor provide additional equipment for contract performance as a result of the Contractor's election to implement an alternative worksite plan.
- (j) Notwithstanding any of the provisions in the above paragraphs and subject to the LIMITATION OF FUNDS or LIMITATION OF COST clauses, as applicable, the period of performance may be extended and the estimated cost may be increased in order to permit the Contractor to provide all of the man-hours listed in paragraph (a) above. The contractor shall continue to be paid fee for each man-hour performed in accordance with the terms of the contract.

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-GYD-010 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 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:



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 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 substitution 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.

Note: A listing of approved key personnel is included as attachment #3.

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.

5252.245-9108 GOVERNMENT-FURNISHED PROPERTY (PERFORMANCE) (SEP 1990)

The Government will provide only that property set forth in Attachment #1, notwithstanding any term or condition of this contract to the contrary. Upon Contractor's written request to the cognizant Technical Program Manager, via the cognizant Contract Administration Office, the Government will furnish the items listed in Attachment #1 for use in the performance of this contract.

H24S PROHIBITION ON TELECOMMUNICATIONS (OCT 2006)

The contractor is expressly prohibited from purchasing any telecommunication devices (i.e. satellite telephones, cell phones, pagers, blackberry, two way radios, walkie-talkies, etc. or any associated accessories) without the written approval of the contracting officer on an item by item basis.

H81X TRAVEL RESPONSIBILITIES (OCT 2011)

There may be situations where contractor employees and government employees travel together in government vehicles, or in vehicles rented by the government under the terms of the U.S. Car Rental Agreement (currently available at (

http://www.defensetravel.dod.mil/Docs/CarRentalAgreement.pdf) the government has with various rental car companies. In such situations, contractor employees may only be passengers (not drivers) in such vehicles. If a contractor employee is a passenger in a government vehicle or a vehicle rented by the government, it would be on a "no additional cost to the government" basis. If a contractor employee is a passenger in a government vehicle, the contractor shall indemnify and hold the government harmless from all liability resulting from personal injury or death or damage to property which may occur as a result of such joint travel. When a contractor is a passenger in a vehicle rented by the government, liability would be limited to the terms set out in the U.S. Car Rental Agreement in effect at the time of any incident.

H83S SERVICE CONTRACT ACT WAGE DETERMINATION (AUG 2008)

The applicable Service Contract Act Wage Determinations by the Secretary of Labor are provided below (identified to the current Revision available as of the issue date of this solicitation):

Wage Determination #:

2015-4089 Revision: 13 Area: Rhode Island, Statewide Effective: 13 April

2020

2015-4111 Revision: 14 Area: New London, CT Effective: 14 April

2020

The above Wage Determinations (WD) can be accessed from the following website:

http://www.wdol.gov/

Choose "Selecting WDs" from the menu. After choosing the appropriate area, answer the "prompts" as follows (these answers are applicable to this solicitation):

- 1. Were these services previously performed at this locality under an SCA-Covered contract? YES
- 2. Are any of the employees performing work subject to a CBA? NO
- 3. Are the contract services to be performed listed below as Non-Standard Services? NO
- 4. Were these services previously performed under an SCA wage determination that ends in an even number? NO

The site will provide the appropriate WD.

Section I - Contract Clauses

52.222-41 Service Contract Act of 1965 (May 2014)

The following clauses are incorporated by reference in this task order. Applicable clauses incorporated by reference in the basic MAC contract also apply.

соптгаст аізо арріу.
a. FAR:
52.203-3 Gratuities (APR 1984)
52.203-5 Covenant Against Contingent Fees (May 2014)
52.203-6 Restrictions on Subcontractor Sales to the Government (SEP 2006)
52.203-7 Anti-Kickback Procedures (May 2014)
52.203-13 Contractor Code of Business Ethics and Conduct (Oct 2015)
52.203-17 Contractor Employee Whistleblower Rights and Requirements to Inform Employees of Whistleblower Rights (APR 2014)
52.204-2 Security Requirements (AUG 1996)
52.204-9 Personal Identity Verification of Contractor Personnel (JAN 2011)
52.204-10 Reporting Executive Compensation and First-Tier Subcontract Awards (JUL 2013)
52.204-13 System for Award Management Maintenance (JUL 2013)
52.204-19 Incorporation by Reference of Representations and Certifications (May 2006)
52.209-6 Protecting the Government Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Oct 2015)
52.209-9 – Updates of Publicly Available Information Regarding Responsibility Matters (Jul 2013)
52.209-10 - Prohibition on Contracting With Inverted Domestic Corporations (Nov 2015)
52.215-23 LIMITATIONS ON PASS-THROUGH CHARGES (OCT 2009)
52.219-6 Notice of Total Small Business Set-Aside (Nov 2011)
52.219-8 Utilization of Small Business Concerns (Oct 2014)
52.219-14 Limitations on Subcontracting (Nov 2011)
52.219-28 - Post-Award Small Business Program Rerepresentation (Oct 1995)
52.222-3 Convict Labor (JUN 2003)
52.222-17 Nondisplacement of Qualified Workers (MAY 2014)
52.222-19 Child Labor - Cooperation with Authorities and Remedies (Feb 2016)
52.222-21 Prohibition of Segregated Facilities (Apr 2015)
52.222-26 Equal Opportunity (Apr 2015)
52.222-35 Equal Opportunity for Veterans (Oct 2015)
52.222-36 Affirmative Action for Workers with Disabilities (Jul 2014)
52.222-37 Employment Reports on Veterans (Feb 2016)
52.222-40 Notification of Employee Rights Under the National Labor Relations Act (DEC 2010)

52.222-50 Combating Trafficking in Persons (Mar 2015)
52.222-54 Employment Eligibility Verification (Oct 2015)
52.223-3 Hazardous Material Identification and Material Safety Data (Jan 1997)
52.223-5 Pollution Prevention and Right-To-Know Information (MAY 2011)
52.223-18 Contractor Policy to Ban Text Messaging While Driving (AUG 2011)
52.224-1 Privacy Act Notification (Apr 1984)
52.224-2 Privacy Act (Apr 1984)
52.225-13 Restriction on Certain Foreign Purchases (Jun 2008)
52.225-25 Prohibition on Engaging in Sanctioned Activities Relating to IranCertification (Oct 2015)
52.227-1 Authorization and Consent (DEC 2007)
52.227-2 Notice and Assistance Regarding Patent and Copyright Infringement (DEC 2007)
52.227-3 Patent Indemnity (Apr 1984)
52.227-11 Patent Rights Ownership by the Contractor (May 2014)
52.232-1 Payments (APR 1984)
52.232-18 Availability of Funds (Apr 1984)
52.232-19 Availability of Funds for the Next Fiscal Year (Apr 1984)
52.232-20 Limitation of Cost (APR 1984)
52.232-22 Limitation of Funds (APR 1984)
52.232-39 Unenforceability of Unauthorized Obligations (Jun 2013)
52.233-3 Alternate I Protest After Award (Aug. 1996)
52.233-4 Applicable Law For Breach Of Contract Claim (OCT 2004)
52.237-2 Protection of Government Buildings, Equipment, and Vegetation (APR 1984)
52.237-3 Continuity of Services (Jan 1991)
52.242-1 Notice of Intent to Disallow Costs (Apr 1984)
52.243-1 Changes Fixed-Price (Aug 1987)
52.244-6 Subcontracts for Commercial Items (Feb 2016)
52.245-1 Government Property (Apr 2012)
52.245-9 Use and Charges (Apr 2012)
52.246-23 Limitation of Liability (FEB 1997)
52.246-25 Limitation of Liability - Services (FEB 1997)
52.249-6 Termination (Cost-Reimbursement) (May 2004)
52.251-1 Government Supply Sources (APR 2012)
b. DFARs:

252.201-7000 Contracting Officer's Representative (DEC 1991)

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252.203-7000 Requirements Relating to Compensation of Former DoD Officials (SEP 2011)	
252.203-7002 Requirement to Inform Employees of Whistleblower Rights (SEP 2013)	
252.203-7003 Agency Office of the Inspector General (DEC 2012)	
252.203-7005 Representation Relating to Compensation of Former DoD Officials (NOV 2011)	
252.204-7000 Disclosure of Information (AUG 2013)	
252.204-7003 Control of Government Personnel Work Product (APR 1992)	
252.204-7004 Alternate A System for Award Management (MAY 2013)	
252.204-7005 Oral Attestation of Security Responsibilities (NOV 2001)	
252.204-7008 Compliance with Safeguarding Covered Defense Information Controls (DEC 2015)	
252.204-7009 Limitations on the Use or Disclosure of Third-Party Contractor Reported Cyber Incident Information (DEC 2015)	
252.204-7012 Safeguarding Covered Defense Information and Cyber Incident Reporting (DEC 2015)	
252.204-7015 Disclosure of Information to Litigation Support Contractors (FEB 2014)	
252.211-7007 Reporting of Government-Furnished Property (AUG 2012)	
252.219-7003 Small Business Subcontracting Plan (DoD Contracts) (OCT 2014)	
252.222-7006 Restrictions on the Use of Mandatory Arbitration Agreements (DEC 2010)	
252.225-7048 Export-Controlled Items (June 2013)	
252.227-7013 Rights in Technical DataNoncommercial Items (FEB 2014)	
252.227-7014 Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation (FEB 2014)	.)
252.227-7016 Rights in Bid or Proposal Information (JAN 2011)	
252.227-7017 Identification and Assertion of Use, Release, or Disclosure Restrictions (JAN 2011)	
252.227-7019 Validation of Asserted RestrictionsComputer Software (SEP 2011)	
252.227-7025 Limitations on the Use or Disclosure of Government-Furnished Information Marked with Restrictive Legends (MAY 2013)	
252.227-7028 Technical Data or Computer Software Previously Delivered to the Government (JUN 1995)	
252.227-7030 Technical DataWithholding of Payment (MAR 2000)	
252.227-7037 Validation of Restrictive Markings on Technical Data (JUN 2013)	
252.227-7038 Patent Rights—Ownership by the Contractor (Large Business) (JUN 2012)	
252.227-7039 Patents Reporting of SUbject Inventions (APR 1990)	
252.231-7000 Supplemental Cost Principles (DEC 1991)	
252.232-7010 Levies on Contract Payments (DEC 2006)	
252.235-7010 Acknowledgment of Support and Disclaimer (MAY 1995)	
252.235-7011 Final Scientific or Technical Report (JAN 2015)	
member 1911 I mai detendine of Teenmeat Report (SAIV 2013)	

252.245-7001 Tagging, Labeling, and Marking of Government-Furnished Property (APR 2012)

- 252.245-7002 Reporting Loss of Government Property (APR 2012)
- 252.245-7003 Contractor Property Management System Administration (APR 2012)
- 252.245-7004 Reporting, Reutilization, and Disposal (MAR 2015)
- 252.246-7000 Material Inspection and Receiving Report (Mar 2008)

The following Clauses are incorporated by Full Text:

52.204-25 PROHIBITION ON CONTRACTING FOR CERTAIN TELECOMMUNICATIONS AND VIDEO SURVEILLANCE SERVICES OR EQUIPMENT (AUG 2020)

(a) Definitions. As used in this clause--

Backhaul means intermediate links between the core network, or backbone network, and the small subnetworks at the edge of the network (e.g., connecting cell phones/towers to the core telephone network). Backhaul can be wireless (e.g., microwave) or wired (e.g., fiber optic, coaxial cable, Ethernet).

Covered foreign country means The People's Republic of China.

Covered telecommunications equipment or services means--

- (1) Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities);
- (2) For the purpose of public safety, security of Government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities);
- (3) Telecommunications or video surveillance services provided by such entities or using such equipment; or
- (4) Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

Critical technology means--

- (1) Defense articles or defense services included on the United States Munitions List set forth in the International Traffic in Arms Regulations under subchapter M of chapter I of title 22, Code of Federal Regulations;
- (2) Items included on the Commerce Control List set forth in Supplement No. 1 to part 774 of the Export Administration Regulations under subchapter C of chapter VII of title 15, Code of Federal Regulations, and controlled--
- (i) Pursuant to multilateral regimes, including for reasons relating to national security, chemical and biological weapons proliferation, nuclear nonproliferation, or missile technology; or
- (ii) For reasons relating to regional stability or surreptitious listening;
- (3) Specially designed and prepared nuclear equipment, parts and components, materials, software, and technology covered by part 810 of title 10, Code of Federal Regulations (relating to assistance to foreign atomic energy activities);
- (4) Nuclear facilities, equipment, and material covered by part 110 of title 10, Code of Federal Regulations (relating to export and import of nuclear equipment and material);
- (5) Select agents and toxins covered by part 331 of title 7, Code of Federal Regulations, part 121 of title 9 of such Code, or part 73 of title 42 of such Code; or
- (6) Emerging and foundational technologies controlled pursuant to section 1758 of the Export Control Reform Act of 2018 (50 U.S.C. 4817).

Interconnection arrangements means arrangements governing the physical connection of two or more networks to allow the use of

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another's network to hand off traffic where it is ultimately delivered (e.g., connection of a customer of telephone provider A to a customer of telephone company B) or sharing data and other information resources.

Reasonable inquiry means an inquiry designed to uncover any information in the entity's possession about the identity of the producer or provider of covered telecommunications equipment or services used by the entity that excludes the need to include an internal or third-party audit.

Roaming means cellular communications services (e.g., voice, video, data) received from a visited network when unable to connect to the facilities of the home network either because signal coverage is too weak or because traffic is too high.

Substantial or essential component means any component necessary for the proper function or performance of a piece of equipment, system, or service.

- (b) Prohibition.
- (1) Section 889(a)(1)(A) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2019, from procuring or obtaining, or extending or renewing a contract to procure or obtain, any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system. The Contractor is prohibited from providing to the Government any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104.
- (2) Section 889(a)(1)(B) of the John S. McCain National Defense Authorization Act for Fiscal Year 2019 (Pub. L. 115-232) prohibits the head of an executive agency on or after August 13, 2020, from entering into a contract, or extending or renewing a contract, with an entity that uses any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system, unless an exception at paragraph (c) of this clause applies or the covered telecommunication equipment or services are covered by a waiver described in FAR 4.2104. This prohibition applies to the use of covered telecommunications equipment or services, regardless of whether that use is in performance of work under a Federal contract.
- (c) Exceptions. This clause does not prohibit contractors from providing--
- (1) A service that connects to the facilities of a third-party, such as backhaul, roaming, or interconnection arrangements; or
- (2) Telecommunications equipment that cannot route or redirect user data traffic or permit visibility into any user data or packets that such equipment transmits or otherwise handles.
- (d) Reporting requirement.
- (1) In the event the Contractor identifies covered telecommunications equipment or services used as a substantial or essential component of any system, or as critical technology as part of any system, during contract performance, or the Contractor is notified of such by a subcontractor at any tier or by any other source, the Contractor shall report the information in paragraph (d)(2) of this clause to the Contracting Officer, unless elsewhere in this contract are established procedures for reporting the information; in the case of the Department of Defense, the Contractor shall report to the website at https://dibnet.dod.mil. For indefinite delivery contracts, the Contractor shall report to the Contracting Officer for the indefinite delivery contract and the Contracting Officer(s) for any affected order or, in the case of the Department of Defense, identify both the indefinite delivery contract and any affected orders in the report provided at https://dibnet.dod.mil.
- (2) The Contractor shall report the following information pursuant to paragraph (d)(1) of this clause:
- (i) Within one business day from the date of such identification or notification: The contract number; the order number(s), if applicable; supplier name; supplier unique entity identifier (if known); supplier Commercial and Government Entity (CAGE) code (if known); brand; model number (original equipment manufacturer number, manufacturer part number, or wholesaler number); item description; and any readily available information about mitigation actions undertaken or recommended.
- (ii) Within 10 business days of submitting the information in paragraph (d)(2)(i) of this clause: Any further available information about mitigation actions undertaken or recommended. In addition, the Contractor shall describe the efforts it undertook to prevent use or submission of covered telecommunications equipment or services, and any additional efforts that will be incorporated to prevent future use or submission of covered telecommunications equipment or services.
- (e) Subcontracts. The Contractor shall insert the substance of this clause, including this paragraph (e) and excluding paragraph (b)(2), in all subcontracts and other contractual instruments, including subcontracts for the acquisition of commercial items.

(End of clause)

52.209-9 Updates of Publicly Available Information Regarding Responsibility Matters (Feb 2012)

- (a) The Contractor shall update the information in the Federal Awardee Performance and Integrity Information System (FAPIIS) on a semi-annual basis, throughout the life of the contract, by posting the required information in the Central Contractor Registration database via https://www.acquisition.gov.
- (b) As required by section 3010 of the Supplemental Appropriations Act, 2010 (Pub. L. 111-212), all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available. FAPIIS consist of two segments—
- (1) The non-public segment, into which Government officials and the Contractor post information, which can only be viewed by—
- (i) Government personnel and authorized users performing business on behalf of the Government; or
- (ii) The Contractor, when viewing data on itself; and
- (2) The publicly-available segment, to which all data in the non-public segment of FAPIIS is automatically transferred after a waiting period of 14 calendar days, except for—
- (i) Past performance reviews required by subpart 42.15;
- (ii) Information that was entered prior to April 15, 2011; or
- (iii) Information that is withdrawn during the 14-calendar-day waiting period by the Government official who posted it in accordance with paragraph (c)(1) of this clause.
- (c) The Contractor will receive notification when the Government posts new information to the Contractor's record.
- (1) If the Contractor asserts in writing within 7 calendar days, to the Government official who posted the information, that some of the information posted to the non-public segment of FAPIIS is covered by a disclosure exemption under the Freedom of Information Act, the Government official who posted the information must within 7 calendar days remove the posting from FAPIIS and resolve the issue in accordance with agency Freedom of Information procedures, prior to reposting the releasable information. The contractor must cite 52.209-9 and request removal within 7 calendar days of the posting to FAPIIS.
- (2) The Contractor will also have an opportunity to post comments regarding information that has been posted by the Government. The comments will be retained as long as the associated information is retained, i.e., for a total period of 6 years. Contractor comments will remain a part of the record unless the Contractor revises them.
- (3) As required by section 3010 of Pub. L. 111-212, all information posted in FAPIIS on or after April 15, 2011, except past performance reviews, will be publicly available.
- (d) Public requests for system information posted prior to April 15, 2011, will be handled under Freedom of Information Act procedures, including, where appropriate, procedures promulgated under E.O. 12600.

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.

Option No.	CLIN	Exercise Date-No Later Than
1	8100AA	12/1/2016
2	8100AB	12/1/2016
3	8100AC	12/1/2016
4	8100AD	6/1/2017
5	8100AE	6/1/2017
6	7200/9200	12/1/2017
7	8200AA	12/1/2017
8	8200AB	12/1/2017
9	8200AC	12/1/2017
10	8200AD	6/1/2018
11	8200AE	6/1/2018
12	7300/9300	12/1/2018

8300AA	12/1/2018
8300AB	12/1/2018
8300AC	12/1/2018
8300AD	6/1/2019
8300AE	6/1/2019
7400/9400	12/1/2019
8400AA	12/1/2019
8400AB	12/1/2019
8400AC	12/1/2019
8400AD	6/1/2020
8400AE	6/1/2020
7500/9500	12/1/2020
8500AA	12/1/2020
8500AB	12/1/2020
8500AC	12/1/2020
8500AD	6/1/2021
8500AE	6/1/2021
	8300AB 8300AC 8300AD 8300AE 7400/9400 8400AA 8400AB 8400AC 8400AD 8400AE 7500/9500 8500AA 8500AB 8500AC

- (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, shall not exceed five (5) years, however, in accordance with paragraph (j) of the requirement of this contract entitled "LEVEL OF EFFORT" (NAVSEA 5252.216-9122), if the total manhours 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 manhours specified in paragraph (a) of the aforementioned requirement have been expended.

52.222-42 Statement of Equivalent Rates for Federal Hires (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR Part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332.

THIS STATEMENT IS FOR INFORMATION ONLY: IT IS NOT A WAGE DETERMINATION.

Employee Class Monetary Wage - Fringe Benefits

(End of Clause)

NOTE TO CONTRACTORS: EMPLOYEE CLASSES AND EQUIVALENT GOVERNMENT RATES CAN BE FOUND AT THE FOLLOWING DEPARTMENT OF LABOR AND OFFICE OF PERSONNEL MANAGEMENT WEBSITES -

EMPLOYEE CLASSES (DIRECTORY OF OCCUPATIONS):

http://www.dol.gov/whd/regs/compliance/wage/SCADirV5/SCADirectVers5.pdf

GOVERNMENT EQUIVALENT GS LEVELS:

http://www.dol.gov/whd/regs/compliance/wage/SCADirV5/Vers5SCAIndex.pdf

and OFFICE OF PERSONNEL MANAGEMENT: http://www.opm.gov/OCA/10tables/index.asp

52.244-2 Subcontracts (OCT 2010)

(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), 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 greate 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 th 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: Any new subcontracts performing a portion of the level of effort that are not approved in the original task order award.
- (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 contract provisions.
 - (vi) The subcontractor's Disclosure Statement or Certificate relating to Cost Accounting Standards when such data are required by other prov 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 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, c the action taken by the Contractor 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 permanagement decisions used to quantify each incentive element, reasons for the incentives, and a summary of all trade-off possibilities.
 - (2) The Contractor is not required to notify the Contracting Officer in advance of entering into any subcontract for which consent is not required under paragraph (b), (c), or (d) 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: **American Systems Corporation, General Dynamics Information Technology, L3 Unidyne, McLaughlin Research Corporation (Modification 31).**

252.211-7005 Substitutions for Military or Federal Specifications and Standards (NOV 2005)

- (a) *Definition.* "SPI process," as used in this clause, means a management or manufacturing process that has been accepted previously by the Department of Defense under the Single Process Initiative (SPI) for use in lieu of a specific military or Federal specification or standard at specific facilities. Under SPI, these processes are reviewed and accepted by a Management Council, which includes representatives of the Contractor, the Defense Contract Management Agency, the Defense Contract Audit Agency, and the military departments.
- (b) Offerors are encouraged to propose SPI processes in lieu of military or Federal specifications and standards cited in the solicitation. A listing of SPI processes accepted at specific facilities is available via the Internet at http://guidebook_process.htm (paragraph 4.2).
- (c) An offeror proposing to use an SPI process in lieu of military or Federal specifications or standards cited in the solicitation shall:
 - (1) Identify the specific military or Federal specification or standard for which the SPI process has been accepted;
- (2) Identify each facility at which the offeror proposes to use the specific SPI process in lieu of military or Federal specifications or standards cited in the solicitation;
 - (3) Identify the contract line items, subline items, components, or elements affected by the SPI process; and
- (4) If the proposed SPI process has been accepted at the facility at which it is proposed for use, but is not yet listed at the Internet site specified in paragraph (b) of this clause, submit documentation of Department of Defense acceptance of the SPI process.
- (d) Absent a determination that an SPI process is not acceptable for this procurement, the Contractor shall use the following SPI processes in lieu of military or Federal specifications or standards:

(Offeror insert information for each SPI process)

SPI Process:		
Facility:		
Military or Federal		
Specification or Standard:		
Affected Contract Line Item		
Number, Subline Item Number,		
Component, or Element:		

- (e) If a prospective offeror wishes to obtain, prior to the time specified for receipt of offers, verification that an SPI process is an acceptable replacement for military or Federal specifications or standards required by the solicitation, the prospective offeror:
 - (1) May submit the information required by paragraph (d) of this clause to the Contracting Officer prior to submission of an offer; but
 - (2) Must submit the information to the Contracting Officer at least 10 working days prior to the date specified for receipt of offers.

Section J - List of Attachments

Exhibit "A": DD Form 1423 - Contract Data Requirements List (with Addendum), revised Modification 66

Attachment 1: Government Property Made Available Form (GFP)

Attachment 2: Contract Security Classification Specification (DD254), Revision 4, dated 05/17/2019

Attachment 3: List of Approved Key Personnel

Attachment 4: PERFORMANCE REQUIREMENTS SUMMARY TABLE

Attachment 5: Rhode Island Wage Determination 15-4089, Revision 13, Dated 04/13/2020

Attachment 6: Connecticut Wage Determination 15-4111, Revision 14, Dated 04/14/2020

Attachment Number	File Name	Description
Attachment #1	Incidental_GFP_0fa27bf1-eff5-4dbd-9bd4-2ab664e902b5.pdf	Government Property Made Available Form (GFP)
Attachment #2	N0017810D6066N402DD254.pdf	Attachment 2 - DD254, Revision 4, dated 05/17/2019
Attachment #3	List_of_Approved_Key_Personnel.pdf	List of Approved Key Personnel
Attachment #4	PRST_5f5cd100-8116-4bee-8a37-886aa6b1d5c1.pdf	PERFORMANCE REQUIREMENTS SUMMARY TABLE
Attachment #5	R.1. RI Wage Determination Rev. 13 dated 13 April 2020.pdf	RI WD 2015-4089, Revision 13
Attachment #6	R.2. CT Wage Determination Rev. 14 dated 14 April 2020.pdf	CT WD 2015-4111, Revision 14
Exhibit A	N0017810D6066N402_CDRLs_mod_66.pdf	Exhibit A - CDRL (with addendum), revised Mod 66