

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE
U

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2. AMENDMENT/MODIFICATION NO.
CP

3. EFFECTIVE DATE
20-Jun-2016

4. REQUISITION/PURCHASE REQ. NO.
6054 0718-986

5. PROJECT NO. (If applicable)
N/A

6. ISSUED BY CODE

N66604

7. ADMINISTERED BY (If other than Item 6)

CODE

S2404A

NUWC, NEWPORT DIVISION
1176 Howell Street, Building 1258
Newport RI 02841-1706
ronalda.ohio@navy.mil 401-832-6803

DCMA Manassas
14501 George Carter Way, 2nd Floor
Chantilly VA 20151

SCD: C

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

SCIENCE APPLICATIONS INTERNATIONAL CORP
1710 SAIC Drive
McLean VA 22102-3702

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

[X]

10A. MODIFICATION OF CONTRACT/ORDER NO.

N00178-04-D-4119-N407

10B. DATED (SEE ITEM 13)

26-Sep-2006

CAGE CODE 6XWA8

FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

SEE SECTION G

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

- (*) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- [X] C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Bilateral: FAR 43.103(a) and FAR 52.232-22 'Limitation of Funds' (APR 1984)
- D. OTHER (Specify type of modification and authority)

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

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

SEE PAGE 2

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

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

Neil C Santos, Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

20-Jun-2016

BY /s/Neil C Santos

20-Jun-2016

(Signature of person authorized to sign)

(Signature of Contracting Officer)

NSN 7540-01-152-8070

30-105

STANDARD FORM 30 (Rev. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA
FAR (48 CFR) 53.243

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GENERAL INFORMATION

Distribution: KR, 0121, DFAS-HQ0337, Code 34/ K. Thompson

SCD: C

FSC: R425

NUWCDIVNPT Control #: 162531

NUWCDIVNPT Requisition #: 6054 0718-986

NUWCDIVNPT POC: RONALDA OHIO (See cover page for e-mail address and telephone number.)

CONTRACTOR'S STATEMENT OF RELEASE: The contractor hereby releases the Government from any and all liability under this task order for further adjustments attributable to contract closeout procedures (as it relates to SLIN 130270) as a result of this de-obligation.

The purpose of this modification is to:

1. De-obligate funding
2. Revise clause 5252.232-9104, Allotment of Funds

SECTION B- Deobligate funding as follows

1. Decrease SLIN 130270 from [REDACTED].

SECTION G-

1. LLA V6/130270 is reduced from [REDACTED].
2. As a result of this mod, the funds obligated on the task order decreased from [REDACTED].

SECTION H-

Revise clause 5252.232-9104 to reflect a de-obligation of funds.

All other task order terms and conditions remain unchanged.

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SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

1000 NUWCDIVNPT Code 34 support \$0.00

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
1300	R425	Base period (OPN)					
130001	R425	Funding (A1) (OPN)					
130002	R425	Funding (A2) (OPN)					
130003	R425	Funding (A3) (OPN)					
130004	R425	Funding (A4) (OPN)					
130005	R425	Funding (A5) (OPN)					
130006	R425	Funding (A7) (OPN)					
130007	R425	Funding (A8) (OPN)					
130008	R425	Funding (A9) (OPN)					
130009	R425	Funding (B1) (OPN)					
130010	R425	Funding (B2) (OPN)					
130011	R425	Funding (B3) (OPN)					
130012	R425	Funding (B4) (OPN)					
130013	R425	Funding (B5) (OPN)					
130014	R425	Funding (B6) (OPN)					
130015	R425	Funding (B7) (OPN)					
130016	R425	Funding (B8) (OPN)					
130017	R425	Funding (B9) (OPN)					
130018	R425	C1 (OPN)					
130019	R425	C2 \$0.00 (OPN)					
130020	R425	C3 \$0.00 (OPN)					
130021	R425	Funding (C4) (OPN)					
130022	R425	Funding (C5) (OPN)					
130023	R425	Funding (C6) (OPN)					
130024	R425	Funding (C7) (OPN)					
130025	R425	Funding (C8) (OPN)					
130026	R425	Funding (C9) (OPN)					
130027	R425	Funding (D2) (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
130028	R425	Funding (D3) (OPN)					
130029	R425	Funding (D4) (OPN)					
130030	R425	Funding (D5) (OPN)					
130031	R425	Funding (D6) (OPN)					
130032	R425	Funding (D7), DECREASED by [REDACTED] ON MOD CK (OPN)					
130033	R425	Funding (D8) (OPN)					
130034	R425	Funding (D9) (OPN)					
130035	R425	Funding (E1) (OPN)					
130036	R425	Funding (E2) (OPN)					
130037	R425	Funding (E3) (OPN)					
130038	R425	Funding (E4) (OPN)					
130039	R425	Funding (E5) (OPN)					
130040	R425	Funding (E6) [REDACTED] in Mod BQ) (OPN)					
130041	R425	Funding (E7) (OPN)					
130042	R425	Funding (E8)- ISIS, PSD support (OPN)					
1301	R425	Option #1 (OPN)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
130101	R425	Funding (E9) (OPN)					
130102	R425	Funding (F1) (OPN)					
130103	R425	Funding (F2) (OPN)					
130104	R425	Funding (F3) (OPN)					
130105	R425	Funding (D3) (OPN)					
130106	R425	Funding (F4) (OPN)					
130107	R425	Funding (F5) (OPN)					
130108	R425	Funding (E6) (OPN)					
130109	R425	Funding (E1) (OPN)					
130110	R425	Funding (F6) (OPN)					
130111	R425	Funding (F7) (OPN)					
130112	R425	Funding (F8) (OPN)					
130113	R425	Funding (F9) (OPN)					
130114	R425	Funding (G1)- SPW task 4.4 (OPN)					
130115	R425	Funding (G2)- SOW Task 4.4 (OPN)					
130116	R425	Funding (G3)- SOW Task 4.4 (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
130117	R425	Funding (G4) - SOW Para. 4.4 Program Analysis, Metrics, Information and REport (OPN)					
130118	R425	Funding (G6) - SOW Para. 4.2 Submarine C4ISR and Special Sensors Technology, Para. 4.4 Program Analysis, Metrics, Information and Reports (OPN)					
130119	R425	Funding (G8) - SOW Para.4.7 Oceanographic Research and Analysis (OPN)					
130120	R425	Funding (G9) - SOW Para.4.4 SOW Para. 4.4 Program Analysis, Metrics, Information and Report (OPN)					
130121	R425	Funding (H1) - SOW Para. 4.4 SOW Para. 4.4 Program Analysis, Metrics, Information and Report (OPN)					
130122	R425	Funding (H2) SOW Para. 4.6 Optical and Electro-Optical Design, Testing and Analysis (OPN)					
130123	R425	Funding (H3) SOW Para. 4.2 Submarine C4ISR and Special Sensors Technology, Para. 4.4 Program Analysis, Metrics, Information and Reports (OPN)					
130124	R425	Funding (H5) SOW Para. 4.4; Program Analysis Metrics, Information and Reports (OPN)					
130125	R425	Funding (H6) SOW Para. 4.4 SOW Para. 4.4 Program Analysis, Metrics, Information and Report (OPN)					
130126	R425	Funding (H7) SOW Para.4.7 Oceanographic Research and Analysis (OPN)					
130127	R425	Funding (H8) WBS IMG 8.1.2 (OPN)					
130128	R425	Funding (H9) SOW Para.4.4 SOW Para. 4.4 Program Analysis, Metrics, Information and Report (OPN)					
130129	R425	Funding (J2) SOW Para.4.4 SOW Para. 4.4 Program Analysis, Metrics, Information and Report (OPN)					
130130	R425	Funding (J3) SOW Para.4.4 SOW Para. 4.4 Program Analysis, Metrics, Information and Report (OPN)					
130131	R425	ACRN H7- [REDACTED] (CS2199- Acoustic Intercept) (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
130132	R425	ACRN J4- [REDACTED] (BLQ-10) (OPN)					
130133	R425	ACRN J5- [REDACTED] (Type 18) (OPN)					
130134	R425	ACRN J6- [REDACTED] (Type 18) (OPN)					
130135	R425	J7 [REDACTED] (OPN)					
130136	R425	J8 [REDACTED] (OPN)					
130137	R425	J9 [REDACTED] (OPN)					
130138	R425	H5 [REDACTED] (OPN)					
130139	R425	K1 [REDACTED] (OPN)					
130140	R425	K2 [REDACTED] (OPN)					
130141	R425	K3 [REDACTED] (OPN)					
130142	R425	K4 [REDACTED] (OPN)					
130143	R425	K5 [REDACTED] (668I BLQ INT SYS ENG2 DG support) (OPN)					
130144	R425	J4 [REDACTED] (SSGN BLQ SYS ENG 2 DG support) (OPN)					
130145	R425	K6 [REDACTED] (CS2199- Build 10 X Analysis) (OPN)					
130146	R425	K7 [REDACTED] (Program Analysis, Metrics, Info and Reports) (OPN)					
130147	R425	K8 [REDACTED] (Program Analysis, Metrics, Info and Reports) (OPN)					
130148	R425	K9 [REDACTED] (Program Analysis, Metrics, Info and Reports) (OPN)					
130149	R425	L1 [REDACTED] (Program Analysis, Metrics, Info and Reports) (OPN)					
130150	R425	L2 [REDACTED] (Program Management Support) (OPN)					
130151	R425	L3 [REDACTED] (Program management Support) (OPN)					
130152	R425	L4 [REDACTED] (RFDACS) (OPN)					
130153	R425	L5 [REDACTED] (Coordinator Support) (OPN)					
130154	R425	L6 [REDACTED] in Mod 57 (SOW para. 4.4) (OPN)					
130155	R425	K6 [REDACTED] (BUILD 10 X ANALYSIS (OPN)					
130156	R425	L7 [REDACTED] (OPN)					
130157	R425	L8 [REDACTED] (OPN)					
130158	R425	L9 [REDACTED] (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
130159	R425	M1 [REDACTED] (OPN)					
130160	R425	M2 [REDACTED] (OPN)					
130161	R425	M3 [REDACTED] (OPN)					
130162	R425	M5 [REDACTED] (OPN)					
130163	R425	M6 [REDACTED] (OPN)					
130164	R425	M7 [REDACTED] (OPN)					
130165	R425	M8 [REDACTED] (OPN)					
130166	R425	M9 [REDACTED] (OPN)					
130167	R425	N1 [REDACTED] in Mod BQ) (OPN)					
1302	R425	Option #2 (OPN)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
130201	R425	L6 [REDACTED] (OPN)					
130202	R425	N1 [REDACTED] in Mod BQ) (OPN)					
130203	R425	N3 [REDACTED] (OPN)					
130204	R425	N5 [REDACTED] (OPN)					
130205	R425	N6 [REDACTED] (OPN)					
130206	R425	N7 [REDACTED] (OPN)					
130207	R425	N8 [REDACTED] (OPN)					
130208	R425	N9 [REDACTED] (OPN)					
130209	R425	P1 [REDACTED] (OPN)					
130210	R425	P2 [REDACTED] (OPN)					
130211	R425	P3 [REDACTED] (OPN)					
130212	R425	M6 [REDACTED] (OPN)					
130213	R425	P5 [REDACTED] (OPN)					
130214	R425	P6 [REDACTED] (OPN)					
130215	R425	P7 [REDACTED] (OPN)					
130216	R425	J7 [REDACTED] (OPN)					
130217	R425	P8 [REDACTED] (OPN)					
130218	R425	P9 [REDACTED] (OPN)					
130219	R425	M8 [REDACTED] (OPN)					
130220	R425	Q1 [REDACTED] (OPN)					
130221	R425	Q2 [REDACTED] (OPN)					
130222	R425	M9 [REDACTED] (OPN)					
130223	R425	M1 [REDACTED] (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
130224	R425	Q3 [REDACTED] (OPN)					
130225	R425	M3 [REDACTED] (OPN)					
130226	R425	Q1 [REDACTED] (OPN)					
130227	R425	Q6 [REDACTED] (OPN)					
130228	R425	Q7 [REDACTED] (OPN)					
130229	R425	Q8 [REDACTED] (OPN)					
130230	R425	Q9 [REDACTED] (OPN)					
130231	R425	R1 [REDACTED] (OPN)					
130232	R425	R2 [REDACTED] (OPN)					
130233	R425	R3 [REDACTED] (OPN)					
130234	R425	R4 [REDACTED] (OPN)					
130235	R425	R6 [REDACTED] (OPN)					
130236	R425	R8 [REDACTED] (OPN)					
130237	R425	S1 [REDACTED] (OPN)					
130238	R425	S2 [REDACTED] (OPN)					
130239	R425	S4 [REDACTED] (OPN)					
130240	R425	S7 [REDACTED] (OPN)					
130241	R425	S8 [REDACTED] (OPN)					
130242	R425	S9 [REDACTED] (OPN)					
130243	R425	S3 [REDACTED] (OPN)					
130244	R425	S5 [REDACTED] (OPN)					
130245	R425	S6 [REDACTED] (OPN)					
130246	R425	T2 [REDACTED] (OPN)					
130247	R425	R1 [REDACTED] (OPN)					
130248	R425	T3 [REDACTED] (OPN)					
130249	R425	T4 [REDACTED] (OPN)					
130250	R425	T5 [REDACTED] (OPN)					
130251	R425	T6 [REDACTED] (OPN)					
130252	R425	T3 [REDACTED] (OPN)					
130253	R425	T7 [REDACTED] (OPN)					
130254	R425	T8 [REDACTED] (OPN)					
130255	R425	T3 [REDACTED] (OPN)					
130256	R425	U1 [REDACTED] (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
130257	R425	U2 [REDACTED] (OPN)					
130258	R425	U3 [REDACTED] (OPN)					
130259	R425	U4 [REDACTED] (OPN)					
130260	R425	U5 [REDACTED] (OPN)					
130261	R425	U6 [REDACTED] (OPN)					
130262	R425	U7 [REDACTED] (OPN)					
130263	R425	U8 [REDACTED] (OPN)					
130264	R425	S1 [REDACTED] [REDACTED] (OPN)					
130265	R425	V1 [REDACTED] (OPN)					
130266	R425	V2 [REDACTED] (OPN)					
130267	R425	V3 [REDACTED] (OPN)					
130268	R425	V4 [REDACTED] [REDACTED] (OPN)					
130269	R425	V5 [REDACTED] (OPN)					
130270	R425	V6 [REDACTED] in Mod CP) (OPN)					
130271	R425	V7 [REDACTED] in Mod 89 to \$19,480.19) (OPN)					
1501	R425	Option #6: NWCF (SCC)-funded (Fund Type - OTHER)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
150101	R425	Funding G7 (Fund Type - OTHER)					
150102	R425	Funding H4 (Fund Type - OTHER)					
150103	R425	H4 [REDACTED] (ONR/NUWC S&T) (Fund Type - OTHER)					
150104	R425	M4 [REDACTED] (Fund Type - OTHER)					
1502	R425	Option #7 (NWCF: SCC-funded) (WCF)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
150201	R425	H4 [REDACTED] (WCF)					
150202	R425	R5 [REDACTED] (WCF)					
150203	R425	R5 [REDACTED] (WCF)					
150204	R425	R7 [REDACTED] (WCF)					
150205	R425	T9 [REDACTED] (WCF)					
150206	R425	V8 [REDACTED] (WCF)					
150207	R425	V8 [REDACTED] (WCF)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
3000		Prime contractor and subcontractor(s) travel and material/ODC costs- burdened			\$0.00
3300	R425	Base period (OPN)	1.0	LO	██████████
330001	R425	Funding (A1) (OPN)			
330002	R425	Funding (A2) (OPN)			
330003	R425	Funding (A3) (OPN)			
330004	R425	Funding (A4)- moved to 330005 (corrected job order) (OPN)			
330005	R425	Funding (A6) (OPN)			
330006	R425	Funding (A7) (OPN)			
330007	R425	Funding (A8) (OPN)			
330008	R425	Funding (B7) (OPN)			
330009	R425	Funding (C5) (OPN)			
330010	R425	Funding (D1) (OPN)			
330011	R425	Funding (C3) (OPN)			
330012	R425	Funding (D7) DECREASED BY (\$2,353.39) ON MOD CK (OPN)			
330013	R425	Funding (E7) (OPN)			
330014	R425	Funding (E8)- ISIS, PSD support (OPN)			
3301	R425	Option #1 (OPN)	1.0	LO	██████████
330101	R425	Funding (F4) (OPN)			
330102	R425	Funding (E1) (OPN)			
330103	R425	Funding (F9) (OPN)			
330104	R425	Funding (G5) (OPN)			
330105	R425	Funding (H9) (OPN)			
330106	R425	Funding (J1) (OPN)			
330107	R425	Funding (J2) (OPN)			
330108	R425	Funding (J3) (OPN)			
330109	R425	J7 ██████████ (OPN)			
330110	R425	L3 ██████████ (OPN)			
330111	R425	L5 ██████████ (OPN)			
330112	R425	M1 ██████████ (OPN)			
330113	R425	M8 ██████████ (OPN)			
3302	R425	Option #2 (OPN)	1.0	LO	██████████
330201	R425	L6 ██████████ (OPN)			
330202	R425	N4 ██████████ (OPN)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
330203	R425	P4 [REDACTED] (OPN)			
330204	R425	P6 [REDACTED] (OPN)			
330205	R425	Q1 [REDACTED] (OPN)			
330206	R425	M8 [REDACTED] (OPN)			
330207	R425	M1 [REDACTED] (OPN)			
330208	R425	Q4 [REDACTED] (OPN)			
330209	R425	Q5 [REDACTED] (OPN)			
330210	R425	Q6 [REDACTED] (OPN)			
330211	R425	Q7 [REDACTED] (OPN)			
330212	R425	Q9 [REDACTED] (OPN)			
330213	R425	R2 [REDACTED] (OPN)			
330214	R425	R1 \$0.00 (OPN)			
330215	R425	Q9 \$0.00 (OPN)			
330216	R425	R6 [REDACTED] (OPN)			
330217	R425	R8 [REDACTED] (OPN)			
330218	R425	R9 [REDACTED] (OPN)			
330219	R425	S1 [REDACTED] (OPN)			
330220	R425	S2 [REDACTED] (OPN)			
330221	R425	S4 [REDACTED] (OPN)			
330222	R425	S3 [REDACTED] (OPN)			
330223	R425	T1 [REDACTED] (OPN)			
330224	R425	T2 [REDACTED] (OPN)			
330225	R425	T8 [REDACTED] (OPN)			
330226	R425	U1 [REDACTED] (OPN)			
330227	R425	U6 [REDACTED] (OPN)			
330228	R425	U9 [REDACTED] (OPN)			
330229	R425	V4 [REDACTED] (OPN)			
330230	R425	V6 [REDACTED] in Mod CL) (OPN)			
3501	R425	Option #6: NWCF (SCC)-funded (Ceiling of 17,408 shifted to CLIN 3302 in Mod 58) (Fund Type - OTHER)	1.0	LO	\$0.00
350101	R425	G7 [REDACTED] in Mod 57 (Fund Type - OTHER)			
3502	R425	Option #7 (NWCF: SCC-funded) (WCF)	1.0	LO	[REDACTED]
350201	R425	H4 [REDACTED] (WCF)			
350202	R425	T9 [REDACTED] (WCF)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
350203	R425	V8 [REDACTED] (WCF)			

For Cost Type Items:

4000		Code 34 support- burdened labor			\$0.00
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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
4301	R425	Option #4 (OPN)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
430101	R425	V9 [REDACTED] (OPN)					
430102	R425	W1 [REDACTED] (OPN)					
430103	R425	S7 [REDACTED] (OPN)					
430104	R425	W3 [REDACTED] (OPN)					
430105	R425	S9 [REDACTED] (OPN)					
430106	R425	W4 [REDACTED] (OPN)					
430107	R425	S2 [REDACTED] (OPN)					
430108	R425	S1 [REDACTED] (OPN)					
430109	R425	W5 [REDACTED] (OPN)					
430110	R425	W6 [REDACTED] (OPN)					
430111	R425	W7 [REDACTED] (OPN)					
430112	R425	V2 [REDACTED] (OPN)					
430113	R425	W9 [REDACTED] (OPN)					
430114	R425	X1 [REDACTED] (OPN)					
430115	R425	T6 [REDACTED] (OPN)					
430116	R425	X2 [REDACTED] (OPN)					
430117	R425	X3 [REDACTED] (OPN)					
430118	R425	X4 [REDACTED] (OPN)					
430119	R425	X5 [REDACTED] (OPN)					
430120	R425	X6 [REDACTED] (OPN)					
430121	R425	X7 [REDACTED] (OPN)					
430122	R425	X8 [REDACTED] (OPN)					
430123	R425	X9 [REDACTED] (OPN)					
430124	R425	L2 [REDACTED] (OPN)					
430125	R425	Y3 [REDACTED] (OPN)					
430126	R425	Y7 [REDACTED] (OPN)					
430127	R425	Y8 [REDACTED] (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
430128	R425	Y9 [REDACTED] (OPN)					
430129	R425	Z1 [REDACTED] (OPN)					
430130	R425	Z2 [REDACTED] (OPN)					
430131	R425	Z3 [REDACTED] (OPN)					
430132	R425	Z4 [REDACTED] (OPN)					
430133	R425	Z5 [REDACTED] (OPN)					
430134	R425	Z7 [REDACTED] (OPN)					
430135	R425	Y3 [REDACTED] (OPN)					
430136	R425	Z8 [REDACTED] (OPN)					
430137	R425	Z9 [REDACTED] (OPN)					
430138	R425	AA [REDACTED] (OPN)					
430139	R425	AB [REDACTED] (OPN)					
430140	R425	AC [REDACTED] (OPN)					
430141	R425	AD [REDACTED] (OPN)					
430142	R425	AE [REDACTED] (OPN)					
430143	R425	AF [REDACTED] (OPN)					
430144	R425	AG [REDACTED] (OPN)					
430145	R425	Y3 [REDACTED] (OPN)					
430146	R425	AH [REDACTED] (OPN)					
430147	R425	AJ [REDACTED] (OPN)					
430148	R425	AK [REDACTED] (OPN)					
430149	R425	AL [REDACTED] (OPN)					
430150	R425	AM [REDACTED] (OPN)					
430151	R425	AN [REDACTED] (OPN)					
430152	R425	AP [REDACTED] (OPN)					
430153	R425	AQ [REDACTED] (OPN)					
430154	R425	AR [REDACTED] (OPN)					
430155	R425	AS [REDACTED] (OPN)					
430156	R425	AT [REDACTED] (OPN)					
430157	R425	AU [REDACTED] (OPN)					
430158	R425	AV [REDACTED] (OPN)					
430159	R425	AV [REDACTED] (OPN)					
430160	R425	AW [REDACTED] (OPN)					
430161	R425	AX [REDACTED] (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
430162	R425	AY [REDACTED] (OPN)					
430163	R425	AZ [REDACTED] (OPN)					
430164	R425	AR [REDACTED] (OPN)					
430165	R425	BA [REDACTED] (OPN)					
430166	R425	BB [REDACTED] (OPN)					
430167	R425	BC [REDACTED] (OPN)					
430168	R425	BD [REDACTED] (OPN)					
430169	R425	BE [REDACTED] (OPN)					
430170	R425	BF [REDACTED] (OPN)					
430171	R425	BG [REDACTED] (OPN)					
430172	R425	BH [REDACTED] (OPN)					
430173	R425	BJ [REDACTED] (OPN)					
430174	R425	AC [REDACTED] (OPN)					
430175	R425	BK [REDACTED] (OPN)					
430176	R425	BL [REDACTED] (OPN)					
430177	R425	BM [REDACTED] (OPN)					
430178	R425	BN [REDACTED] (OPN)					
430179	R425	BQ [REDACTED] (OPN)					
430180	R425	BR [REDACTED] (OPN)					
430181	R425	BS [REDACTED] (OPN)					
430182	R425	BT [REDACTED] (OPN)					
430183	R425	BU [REDACTED] (OPN)					
430184	R425	BV [REDACTED] (OPN)					
430185	R425	BW [REDACTED] (OPN)					
430186	R425	BY [REDACTED] (OPN)					
430187	R425	AQ [REDACTED] (OPN)					
430188	R425	BZ [REDACTED] (OPN)					
430189	R425	CA [REDACTED] (OPN)					
430190	R425	CB [REDACTED] (OPN)					
430191	R425	CC [REDACTED] (OPN)					
430192	R425	CD [REDACTED] (OPN)					
430193	R425	CE [REDACTED] (OPN)					
430194	R425	CF [REDACTED] (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
430195	R425	CG [REDACTED] [REDACTED] (OPN)					
430196	R425	CJ [REDACTED] (OPN)					
4302	R425	Option #5 (OPN)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
430201	R425	CH [REDACTED] (OPN)					
430202	R425	CJ [REDACTED] (OPN)					
430203	R425	CK [REDACTED] (OPN)					
430204	R425	CL [REDACTED] (OPN)					
430205	R425	AQ [REDACTED] (OPN)					
430206	R425	CD [REDACTED] (OPN)					
430207	R425	CM [REDACTED] (OPN)					
430208	R425	CN [REDACTED] (OPN)					
430209	R425	CP [REDACTED] (OPN)					
430210	R425	BA [REDACTED] (OPN)					
430211	R425	CQ [REDACTED] (OPN)					
430212	R425	CR [REDACTED] (OPN)					
430213	R425	AM [REDACTED] (OPN)					
430214	R425	BJ [REDACTED] (OPN)					
430215	R425	BH [REDACTED] (OPN)					
430216	R425	BK [REDACTED] (OPN)					
430217	R425	CT [REDACTED] (OPN)					
430218	R425	CU [REDACTED] (OPN)					
430219	R425	CV [REDACTED] (OPN)					
430220	R425	CW [REDACTED] (OPN)					
430221	R425	CG [REDACTED] (OPN)					
430222	R425	CX [REDACTED] (OPN)					
430223	R425	CY [REDACTED] (OPN)					
430224	R425	CZ [REDACTED] (OPN)					
430225	R425	DA [REDACTED] (OPN)					
430226	R425	DB [REDACTED] (OPN)					
430227	R425	DC [REDACTED] (OPN)					
430228	R425	DD [REDACTED] (OPN)					
430229	R425	DE [REDACTED] (OPN)					
430230	R425	DF [REDACTED] (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
430231	R425	DG [REDACTED] (OPN)					
430232	R425	DH [REDACTED] (OPN)					
430233	R425	CX [REDACTED] (OPN)					
430234	R425	DJ [REDACTED] (OPN)					
430235	R425	DK [REDACTED] (OPN)					
430236	R425	DL [REDACTED] (OPN)					
430237	R425	DM [REDACTED] (OPN)					
430238	R425	DN [REDACTED] (OPN)					
430239	R425	DP [REDACTED] (OPN)					
430240	R425	DQ [REDACTED] (OPN)					
430241	R425	DB [REDACTED] (OPN)					
430242	R425	DR [REDACTED] (OPN)					
430243	R425	DS [REDACTED] (OPN)					
430244	R425	DT [REDACTED] (OPN)					
430245	R425	DU [REDACTED] (OPN)					
430246	R425	DV [REDACTED] (OPN)					
430247	R425	DW [REDACTED] (OPN)					
430248	R425	DX [REDACTED] (OPN)					
430249	R425	DY [REDACTED] (OPN)					
430250	R425	DZ [REDACTED] (OPN)					
430251	R425	EA [REDACTED] (OPN)					
430252	R425	EB [REDACTED] (OPN)					
430253	R425	EC [REDACTED] (OPN)					
430254	R425	ED [REDACTED] (OPN)					
430255	R425	EE [REDACTED] (OPN)					
430256	R425	EF [REDACTED] (OPN)					
430257	R425	DJ [REDACTED] (OPN)					
430258	R425	EG [REDACTED] (OPN)					
430259	R425	DM [REDACTED] (OPN)					
430260	R425	DP [REDACTED] (OPN)					
430261	R425	DK [REDACTED] (OPN)					
430262	R425	DQ [REDACTED] (OPN)					
430263	R425	EG [REDACTED] (OPN)					
430264	R425	EJ [REDACTED] (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
430265	R425	EB [REDACTED] (OPN)					
430266	R425	EK [REDACTED] (OPN)					
430267	R425	EL [REDACTED] (OPN)					
430268	R425	DQ [REDACTED] (OPN)					
430269	R425	EM [REDACTED] (OPN)					
430270	R425	EN [REDACTED] (OPN)					
430271	R425	EP [REDACTED] (OPN)					
430272	R425	EQ [REDACTED] (OPN)					
430273	R425	ER [REDACTED] (OPN)					
430274	R425	DQ [REDACTED] (OPN)					
430275	R425	DQ [REDACTED] (OPN)					
430276	R425	ES [REDACTED] (OPN)					
430277	R425	ET [REDACTED] (OPN)					
430278	R425	DX [REDACTED] (OPN)					
430279	R425	DL [REDACTED] (OPN)					
430280	R425	EU [REDACTED] (OPN)					
430281	R425	EV [REDACTED] (OPN)					
430282	R425	EW [REDACTED] (OPN)					
430283	R425	EX [REDACTED] (OPN)					
430284	R425	EY [REDACTED] (OPN)					
430285	R425	EZ [REDACTED] (OPN)					
430286	R425	DJ [REDACTED] (OPN)					
4303	R425	Option #8 (WCF)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
430301	R425	Y4 [REDACTED] (WCF)					
4304	R425	Option #9 (WCF)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
430401	R425	Y5 [REDACTED] (WCF)					
430402	R425	Z6 [REDACTED] (WCF)					
430403	R425	Y6 [REDACTED] (WCF)					
4305	R425	Option 10 (OPN)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
430501	R425	FA [REDACTED] (OPN)					
430502	R425	FB [REDACTED] (OPN)					
430503	R425	FC [REDACTED] (OPN)					
430504	R425	FD [REDACTED] (OPN)					

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
430505	R425	FE [REDACTED] decreased by [REDACTED] on Mod CH (OPN)					
430506	R425	EZ [REDACTED] (OPN)					
430507	R425	FF [REDACTED] (OPN)					
430508	R425	FG [REDACTED] (OPN)					
430509	R425	FH [REDACTED] (OPN)					
430510	R425	FJ [REDACTED] (OPN)					
430511	R425	FK [REDACTED] (OPN)					
430512	R425	FL [REDACTED] (OPN)					

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
6000		Prime and subcontractor ODCs/material/travel (burdened, but no fixed fee)			\$0.00
6301	R425	Option #4 (OPN)	1.0	LO	[REDACTED]
630101	R425	W1 [REDACTED] in Mod BQ) (OPN)			
630102	R425	W2 [REDACTED] (OPN)			
630103	R425	S7 [REDACTED] in Mod BQ) (OPN)			
630104	R425	V2 [REDACTED] (OPN)			
630105	R425	T6 [REDACTED] (OPN)			
630106	R425	X6 [REDACTED] (OPN)			
630107	R425	Y1 [REDACTED] in Mod BQ) (OPN)			
630108	R425	Y3 [REDACTED] (OPN)			
630109	R425	Y7 [REDACTED] (OPN)			
630110	R425	Z7 [REDACTED] (OPN)			
630111	R425	Z8 [REDACTED] (OPN)			
630112	R425	Z9 [REDACTED] (OPN)			
630113	R425	AE [REDACTED] in Mod BQ) (OPN)			
630114	R425	AF [REDACTED] (OPN)			
630115	R425	AK [REDACTED] (OPN)			
630116	R425	AL [REDACTED] (OPN)			
630117	R425	AT [REDACTED] (OPN)			
630118	R425	AU [REDACTED] (OPN)			
630119	R425	AV [REDACTED] (OPN)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
630120	R425	AV [REDACTED] (OPN)			
630121	R425	AZ [REDACTED] (OPN)			
630122	R425	AP [REDACTED] (OPN)			
630123	R425	BL [REDACTED] (OPN)			
630124	R425	BM [REDACTED] (OPN)			
630125	R425	BP [REDACTED] (OPN)			
630126	R425	BT \$0.00 (OPN)			
630127	R425	BV [REDACTED] (OPN)			
630128	R425	BW [REDACTED] (OPN)			
630129	R425	BX [REDACTED] (OPN)			
630130	R425	CC [REDACTED] (OPN)			
630131	R425	BZ [REDACTED] (OPN)			
630132	R425	CD [REDACTED] (OPN)			
6302	R425	Option #5 (OPN)	1.0	LO	[REDACTED]
630201	R425	CB [REDACTED] (OPN)			
630202	R425	CK [REDACTED] (OPN)			
630203	R425	CL [REDACTED] (OPN)			
630204	R425	CS [REDACTED] (OPN)			
630205	R425	CX [REDACTED] (OPN)			
630206	R425	CZ [REDACTED] (OPN)			
630207	R425	DA [REDACTED] (OPN)			
630208	R425	DG [REDACTED] in Mod CB) (OPN)			
630209	R425	DE [REDACTED] in Mod CB) (OPN)			
630210	R425	DC [REDACTED] (OPN)			
630211	R425	DJ [REDACTED] (OPN)			
630212	R425	DS [REDACTED] (OPN)			
630213	R425	DT [REDACTED] (OPN)			
630214	R425	DU [REDACTED] in Mod CB) (OPN)			
630215	R425	DV [REDACTED] in Mod CB) (OPN)			
630216	R425	EE [REDACTED] (OPN)			
630217	R425	EF [REDACTED] (OPN)			
630218	R425	DJ [REDACTED] (OPN)			
630219	R425	DQ [REDACTED] (OPN)			
630220	R425	EM [REDACTED] (OPN)			

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Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
630221	R425	EN [REDACTED] in Mod CB) (OPN)			
630222	R425	DQ [REDACTED] (OPN)			
630223	R425	EW [REDACTED] in Mod CB) (OPN)			
6303	R425	Option #8 (WCF)	1.0	LO	[REDACTED]
630301	R425	Y4 [REDACTED] (WCF)			
6304	R425	Option #9 (WCF)	1.0	LO	[REDACTED]
630401	R425	Y6 [REDACTED] (WCF)			
630402	R425	Z6 [REDACTED] (WCF)			
630403	R425	Y6 [REDACTED] (WCF)			
6305	R425	Option 10 (OPN)	1.0	LO	[REDACTED]
630501	R425	FA [REDACTED] (OPN)			
630502	R425	FB [REDACTED] (OPN)			
630503	R425	EZ [REDACTED] (OPN)			
630504	R425	FJ [REDACTED] DECREASED BY ([REDACTED]) ON MOD CK (OPN)			

B30S LEVEL OF EFFORT - TERM (MAR 2010)

(a) The level of effort of each Contract Line Item Number (CLIN) of this task order is as follows:

CLIN	Government Site	Contractor Site	Total hours
OPN:			
1300	2,143	19,278	21,421
1301	2,404	21,632	24,036
1302	3,199	28,792	31,991
4300	eliminated in Mod 54, hours shifted to CLIN 1302		
4301	3,337	30,034	33,371
4302	2,954	26,587	29,541
4305	601	5,403	6,004
WCF:			

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1501	183	1,651	1,834
1502	125	1,265	1,390
4303	16	164	180
4304	156	1,402	1,558

The term of each CLIN is defined in section F of the task order.

(b) In the event that the incurred level of effort exceeds by 5% or less of the task order requirement, but does not exceed the estimated cost of the task order, the Contractor shall be entitled to cost reimbursement for actual hours expended, not to exceed the ceiling cost. The Contractor shall not be paid fixed fee, however, on level of effort in excess of 100% without complying with subsection (d) below. This understanding does not supersede or change subsection (d) below, whereby the Contractor and Government may agree on a change to the task order level of effort with an equitable adjustment for both cost and fee.

(c) Either the "Limitation of Cost" or the "Limitation of Funds" clause, depending upon whether or not the task order is fully funded, applies independently and nothing in this clause amends the rights or responsibilities of the parties hereto under either of those two clauses. In addition, the notifications required by this clause are separate and distinct from any specified in either the "Limitation of Cost" or "Limitation of Funds" clause.

(d) The Contractor shall notify the Task Order Ordering Officer immediately in writing whenever it has reason to believe that:

(1) The level of effort the Contractor expects to incur under the task order in the next 60 days, when added to the level of effort previously expended in the performance of the task order, will exceed 75% of the level of effort established for the task order; or

(2) The level of effort required to perform the task order will be greater than the level of effort established for the task order.

As part of the notification, the Contractor shall provide the Task Order Ordering Officer a revised estimate of the level of effort required to perform the task order. As part of the notification, the Contractor also shall submit any proposal for adjustment to the estimated cost and fixed fee that it deems would be equitable if the Government were to increase the level of effort as proposed by the Contractor. Any such upward adjustment shall be prospective only; i.e., will apply only to effort expended after a modification (if any) is issued. However, whether an increase in fixed fee is appropriate shall depend on the circumstances involved, and, except as otherwise provided in the task order, shall be entirely within the discretion of the Contracting Officer. In no event, however, shall the fixed fee be increased unless the revised level of effort exceeds the previously established level of effort by more than 10%.

(e) In the event that less than 100% of the established level of effort, or if said level of effort has been previously revised upward, of the fee bearing portion of the additional hours by which the level of effort was last increased, is actually expended by the completion date of the task order, the Government shall have the option of;

(1) Requiring the Contractor to continue performance, subject to the provisions of the limitation of cost clause, or, as applicable, the limitation of funds clause, until the effort expended equals 100% of the original level of effort or of the fee bearing portion of the last upward revision; or

(2) Effecting a reduction in the fixed fee by the percentage by which the total expended man-hours is less than 100% of the original level of effort or the fee bearing portion of the last upward revision.

(f) Within thirty days after completion of the base period and each exercised option, the Contractor shall submit the following information in writing directly to the Task Order Ordering Officer, the COR and the Defense Contract Audit Agency office to which vouchers are submitted.

(1) The total number of man-hours of direct labor expended;

(2) A breakdown of this total showing the number of man-hours expended in each direct labor classification utilized for performance, including the identification of the key employees utilized;

(3) The Contractor's estimate of the total allowable cost incurred under the task order.

(4) In the case of a cost underrun, the amount by which the estimated cost of the task order may be reduced to

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recover excess funds.

B42S OPTIONS (JUN 2005)

The additional items of supplies or services available under the Options clause of this task order, the applicable Line Item, and the exercise dates are specified below:

Option No.	Line Items	Exercise Date - No Later Than
1	1301; 3301	2007 DEC 31
2	1302; 3302	2008 DEC 31
3	4300; 6300	eliminated in Mod 54
4	4301; 6301	2009 DEC 31
5	4302; 6302	2010 DEC 31
6	1501; 3501	2008 FEB 28
7	1502; 3502	2008 NOV 30
8	4303; 6303	2009 DEC 31
9	4304; 6304	2010 APR 30
10	4305; 6305	2011 SEP 01

B43S OPTIONS AND BASIC AWARD TERM (JAN 05)

This task order contains options that, if exercised, would go beyond the current contract period of performance. The Government and the Contractor agree that no option will be exercised that exceeds the contract period of performance.

B51S PAYMENT OF FIXED FEE - TERM (NOV 2005)

(a) The fixed fee, as specified in Section B of this contract, subject to any adjustment required by other provisions of this contract, will be paid in installments to be paid at the time of each provisional payment. The amount of each such installment is to be in direct ratio of the total fixed fee as the net direct labor hours expended during the installment period is to direct labor hours specified in the clause entitled, Level of Effort - Term.

(b) Fee shall be paid only for hours performed, not to exceed the fixed fee amount stated in the order.

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SECTION C DESCRIPTIONS AND SPECIFICATIONS

STATEMENT OF WORK

1.0 BACKGROUND

The Submarine Electromagnetic Systems Department, Code 34 of the Naval Undersea Warfare Center, Division Newport is tasked as the Technical Direction Agency (TDA), In Service Engineering Agent (ISEA), and/or Software Support Agency (SSA) for several major programs/products that provide tactical and strategic combat systems and special mission sensors for U. S. Navy platforms including SSN and SSBN submarines, surface ships, aircraft, and land based facilities. Tasking under this contract is to provide scientific, engineering, analytical, technical and evaluation services in support of Code 34 in Undersea Warfare (USW) and Anti Submarine Warfare (ASW) programs through research and development in the areas of systems performance analysis; electro-magnetic environmental modeling; data collection and analysis; systems operations analysis; program support, and life cycle management. Design fabrication and/or operation of prototype and limited production special mission sensors and support equipment is required. Work performed will be primarily in support of US NAVY programs, although tasking in support of other Department of Defense agencies may be required.

2.0 SCOPE

The contractor shall provide technical and engineering services through research, design, analysis, testing, maintenance, and upgrades in support of advanced submarine electro-magnetics and technologies for advanced submarine communications, C4I and special electro-magnetic sensors, imaging and electro-optic systems, composites, program metrics and information, prototype equipment, and oceanographic research. Tasking under this contract is in support of Code 34 with emphasis on program research & technology, major system upgrades and acquisition support, and mid and long term planning objectives.

3.0 APPLICABLE DOCUMENTS

In accordance with current acquisition reform tenets, the contractor shall utilize recognized industry standards and appropriate contractor in-house procedures to the maximum extent possible. The following MIL-STDS, Government specifications, and NUWCDIVNPT GFI, shall also be used during the performance of this Task Order:

SECNAVINST 4000.31 Life Cycle Cost

MIL-DTL-31000B Detail Specification, Technical Data

DODINST 5000.1 Defense Acquisitions

DODINST 5000.2 Defense Acquisition Management Policies and Procedures

DOD Manual 5000.2M Defense Acquisition Management Documentation and Reports

MIL-M-24784 Manual, Technical: General Acquisition and Preparation Requirements

Mil-HDBK-470 Maintainability Program for Systems Equipment

4.0 REQUIREMENTS & TASK DESCRIPTION

The work performed under this task order falls within the scope of paragraphs 3.1, 3.2, 3.4, 3.5, and 3.20 of contract N00178-04-D-4000 basic SOW.

The contractor shall provide technical and engineering services through research, design, analysis, testing, maintenance, and upgrades in support of advanced submarine electro-magnetics and technologies for advanced submarine communications, C4I and special electro-magnetic sensors, imaging and electro-optic systems, composites, program metrics and information, prototype equipment, and oceanographic research. Specific tasking is as follows:

4.1 Advanced Submarine Communications:

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The contractor shall design, develop, test and evaluate advanced submarine communications systems, submarine communications antennas, receivers, transmitters, and signal distribution systems for Submarine Communications Systems Programs. This tasking includes communication links required for net-centric undersea battle space grids, i.e., array sensors, UUV, buoys, submarine, UAV, surface ship, airborne, and satellite communication systems. Analysis and testing shall also include upgrades to legacy systems.

The contractor shall conduct analyses and at sea evaluations of system performance to develop advanced communications plans for the integration of the submarine forces into theater tactical operations while maintaining existing and special mission capabilities. Consistent with Navy objectives, missions, functions, and deployment requirements for the submarine forces, the contractor shall develop plans through the process of assessing the codifying requirements, protocol, data transfer, atmospheric, probability of intercept, and the anti-spoofing requirements for information exchanges by communication services (e.g., secure voice, record, facsimile, video). The contractor shall also evaluate the information exchange protocol requirements in support of submarine/surface ship forces against the Information Enterprise and CSS Architectures and the Navy information exchange requirements, information end systems and telecommunications systems. Systems include UHF F/O, DSCS, JTIDS, MILSTAR, EHF SATCOM, SubHDR, GCCS-M, HAARP, SSXCD, Large-N, VAST Buoys and UUVs, and ELF, etc. The contractor shall also provide technical, software and hardware engineering, and administrative support to support data collection and analysis associated with this tasking. The contractor shall conduct analysis and provide technical and engineering services as follows:

a. The contractor shall perform communications system design and tradeoff analysis of the following: 1) Submarine Radio Room, 2) Submarine Multifunction Mast Antenna, 3) Multifunction Buoyant Cable Antennas, 4) Submarine Multi-band satellite antennas, 5) ELF transmitting and receiving antennas, 6) Towed and expendable buoy antennas, 7) Towed arrays, 8) Special mission masts and radomes, 9) Conformal arrays, 10) Periscope communication antennas, 11) Antenna and signal detectability and signature reduction, and 12) Communication Intelligence (COMINT) and Acoustic Intelligence (ACINT) system comparisons.

b. The contractor shall conduct analysis of advanced signal processing algorithms and system technology for ELF, HF, UHF and EHF Communications Systems. Metrics shall include 1) Review and assessment of state-of-the-art and advanced development technology 2) Analysis of advanced development system performance, availability (Ao), and life cycle costs, 3) Studies of advanced system waveforms, protocol, probability of intercept, and anti-spoofing techniques, 4) Analysis for improved sensitivity, bandwidth, and performance and, 5) Test and Analysis of co-polarization, multi-path, multi-element, and plasma techniques to improve antenna and system performance.

c. The contractor shall conduct system design and tradeoff analysis of the impact of the Navy Information Exchange and Communications Support System architectures on existing and planned submarine communications systems including the Submarine CSS and the use of COTS hardware and software. The contractor shall identify the capabilities and shortfalls of existing submarine antenna systems to support the new communications architectures including the feasibility of the modifications needed to expand performance capabilities.

d. The contractor shall conduct system design reviews; provide technical, engineering and administrative support to perform data collection and analysis; attend meetings at Government and contractor facilities;

and prepare and deliver programmatic reports summarizing technical, management information and tradeoff analysis of existing and planned submarine communications systems programs. Studies shall include assessments of emerging technologies for application to submarine communications antennas and systems.

e. The contractor shall provide technical and engineering support for system and software testing, review test plans and test procedures, attend and witness tests, and review test reports for compliance with software requirements. The contractor shall also generate, review, and/or upgrade programmatic and technical documentation. Products will include developmental software, technical documentation, interim training material, and developmental support data in electronic format. The contractor shall develop these products with all tags and links necessary for concurrent or future integration into system interactive electronic technical manuals.

f. The contractor shall develop system operator, maintenance, and training documentation, and shall conduct equipment and systems readiness training for Navy personnel ashore, at-sea and outside of CONUS. This task includes development of all logistics and training materials, presenting an initial Operator, Maintenance Supervisor and Management level training for the initial system installations and all major upgrades.

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4.1.1 Deliverables and Schedule

The contractor shall provide Technical Reports in accordance with CDRL A001; Design drawings in accordance with CDRL A002; Logistics and Technical Documentation in accordance with CDRL A003; and Trip Reports/Meeting Minutes in accordance CDRL A004.

4.1.2 Technical Quality Performance Standard

The contractor's technical quality performance will be evaluated based on the quality of the technical reports, design drawings, logistics and technical documentation and trip reports/meeting minutes. These deliverables shall be of high technical quality formally portraying the technical objectives and findings. Analysis should be supported with quantitative data, and all deliverables should fully support the program technical objectives without further revision. See paragraph 7.0 for additional requirements.

4.2 Submarine C4ISR and Special Sensors Technology:

The contractor shall perform engineering studies, systems analysis, design, and applied engineering experimentation in support of new generation technologies for submarine Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR), special mission sensors, and other electromagnetic sensor technology applications. Special sensors shall include those being developed for Electronic Intercept and Electronic Attack (EI/EA). Studies shall include, but not be limited to, on-hull antennas, low probability of intercept (LPI) techniques and concepts, modulation and coding schemes, signal detection and analysis techniques, satellite communications systems, system simulation, security concepts and electromagnetic propagation studies. Technologies shall include all aspects of submarine communications systems and shall encompass the identification, development, and testing of techniques and hardware required to overcome the unique set of problems in implementing modern communication technologies for submarines, particularly at speed and depth. The contractor shall perform theoretical analysis of communication systems performance, simulation, and modeling. The contractor shall also provide technical, engineering, and administrative support to support data collection and analysis. The contractor shall conduct analysis and provide technical and engineering services as follows:

- a. The contractor shall characterize the electromagnetic environment for specific submarine mission scenarios under study utilizing available threat documentation provided as GFI. The contractor shall perform communications and signal intercept analysis based on communications, radar, and data signal characteristics, and include studies and analyses relating to over-water EM propagation phenomena and ducting. Analysis shall include studies on detection and counter-detection as a function of range, geometry, and probability of intercept. Data analysis shall also include data fusion with ESN, SIGINT and ACINT threat file databases.
- b. The contractor shall provide engineering and technical support services for analysis, design, and testing of upgrading existing or new sensor systems. Tasking shall require rapid prototyping of special mission sensors to support Electronic Intercept (EI) of threat emitters in conjunction with the IEM, MDF, ELF, Advanced Buoyant Cable Antenna, Improved UHF communications, towed arrays, and BLQ-10 program. The contractor shall develop top level Electronic Surveillance (ES) system requirements for detection, demodulation, signal processing and direction finding (DF) based on threat analysis. This shall include the development of ES system performance models and specifications for new or upgraded ES, COMINT, ELINT, and ACINT sensors, and sensor systems. The contractor shall also generate, review, and/or upgrade programmatic and technical documentation. Products shall include developmental software, technical documentation, interim training material, and developmental support data in electronic format.
- c. The contractor shall provide engineering and technical services to conduct design reviews and provide technical and engineering analysis in the development of low-observable composite materials for submarine masts and sensor systems. Studies shall include design layouts and studies to determine feasibility of the approach, detailed design drawing reviews, and in-situ performance testing & data verification.
- d. The contractor shall provide technical and engineering services to perform systems engineering, analyses, studies, and investigations of new technologies to improve the reliability and throughput of submarine Electronic Surveillance (ES) systems and antennas. This effort shall include evaluations of advanced signal transformations, modulation, and coding schemes for improved ES systems, the calculation of expected performance improvements for system upgrades, and the development of link budgets for various satellite and other ES systems. The contractor shall develop procedures for laboratory testing of systems or components and shall perform test and data reduction.

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e. The contractor shall provide technical and engineering services to develop, review, and evaluate systems and acquisition documentation, including C4I System Plans (C4ISP), system specifications (SSS), design documents (SSDD, IDD, IDS, etc.) security documents (SSAA) and document the findings and recommendations in reports submitted to the government.

f. The contractor shall track, update, and maintain program documentation including technical summaries and planning data, scheduling, funding, status reports, Program Objectives Memorandum (POM), Individual Task Planning (ITPs) forms, Five Year Defense Plan (FYDP), program logistics, and EVM data. The contractor shall also participate in major program design reviews and provide technical review of government and contractor documentation. Design review meetings will be held at both Government and contractor facilities. The contractor shall also review design drawings, test reports, and provide program technical recommendations.

4.2.1 Deliverables and Schedule

The contractor shall provide Technical Reports in accordance with CDRL A001; Design drawings in accordance with CDRL A002; Logistics and Technical Documentation in accordance with CDRL A003; and Trip Reports/Meeting Minutes in accordance CDRL A004.

4.2.2 Technical Quality Performance Standard

The contractor's technical quality performance will be evaluated based on the quality of the technical reports, design drawings, logistics and technical documentation and trip reports/meeting minutes. These deliverables shall be of high technical quality formally portraying the technical objectives and findings. Analysis should be supported with quantitative data, and all deliverables should fully support the program technical objectives without further revision. See paragraph 7.0 for additional requirements.

4.3 Low Observable Composites and Facilities Testing:

The contractor shall design and develop plans to integrate low observable composite materials into surface ship and submarine structures, mast and antennas, acoustic arrays, and buoys to reduce the radar cross-section, RF detectability, and acoustic signature. In addition, the mechanical structures shall incorporate large aperture array sensors and antennas to support communications and electronic surveillance measurement and analysis. The contractor shall also provide technical, engineering, and administrative support shall also be provided to support testing, data collection, analysis, and programmatic reports summarizing program technical and management information. The contractor shall conduct analysis and provide technical and engineering services as follows:

a. Conduct theoretical trade-off performance analyses, modeling, and experimental testing of active system waveform designs of composite materials for low probability of intercept. Analyses shall include detectability/ performance comparison to existing designs for surface ship and SSN/SSBN Submarine structures, masts, conformal arrays, and antennas.

b. Perform composite material design, installation, testing and tradeoff analysis of laboratory test/development models, prototype and limited production composite structures as applied to surface ship and SSN/SSBN Submarines.

c. Develop operational employment tactics, test plans, and test results of development models, laboratory test, and at-sea evaluations.

d. Set-up, test, analyze, and evaluate systems, equipment and/or material performance in an over water ground plane facility or laboratory anechoic chamber.

4.3.1 Deliverables and Schedule

The contractor shall provide Technical Reports in accordance with CDRL A005; and Test Reports in accordance CDRL A006.

4.3.2 Technical Quality Performance Standard

The contractor's technical quality performance will be evaluated based on the quality of the technical reports and test reports. These deliverables shall be of high technical quality formally portraying the technical objectives and

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findings. Test reports should be totally inclusive of the test set-up, conditions, quantitative data, and summary results. Deliverables should fully support the program technical objectives without further revision. See paragraph 7.0 for additional requirements.

4.4 Program Analysis, Metrics, Information and Reports:

The contractor shall develop, define, analyze, maintain and assess program metrics, technical and programmatic data packages, quality control processes and procedures, information, and reports. This analysis shall be used to plan, track, analyze and report projects by comparing historical data management, current activities, efforts, and projections. The contractor shall also provide the results and projections based on the analyses performed. The contractor shall conduct analysis and provide technical and engineering services as follows:

- a. Collect, analyze, revise, and/or summarize program/project management information and provide reports. Tasking shall include use of state-of-the-art computer based project management software, training, and automation techniques. Services shall include preparing programmatic reports summarizing the technical status including percent complete, financial cost/schedule status, resource loaded network (RLNs), C/SSR reports, Trend Analysis, Variance Analysis, and risk mitigation; provide summary technical information for use in updating and maintaining Program Objectives Memorandum (POM) and Earned Value Management System (EVMS) submittals based on NUWC and NAVSEA Financial Management Information System (MIS/STARS), PARTS analysis and input, development of program/project plans and charters; analyzing program or project variables and their interrelationships for "what-if" scenarios, including providing data models; providing information for the preparation of issue papers, funding profiles, line item descriptions, justifications, milestones, impact statements.
- b. The contractor shall develop cost/benefit analysis to determine what changes should be made to existing processes, tools and methodology. This analysis will define the criteria, determine short/long term benefits, determine cost, risk, impacts, and return on investment. The output of this data will be used as input to the Program Objective Memorandum (POM) budget process and issue papers.
- c. Processes and procedures shall be developed, reviewed, and/or updated for quality control/quality assurance in accordance with industry standards, Military Specifications, SUBSAFE, and ISO 9000 requirements.
- d. Attend and document technical and programmatic meetings. The contractor shall identify open issues and deficiencies for government review and incorporation into management meeting agendas and reports.
- e. Review and update out-year program planning documentation and make recommendations based on GFI. This shall require revisions to the Program Objective Memorandum (POM) and supporting documentation provided as GFI.

4.4.1 Deliverables and Schedule

The contractor shall provide Technical Reports in accordance with CDRL A007; Trip Reports/Meeting Minutes in accordance CDRL A008; and Presentation Materials in accordance with CDRL A009.

4.4.2 Technical Quality Performance Standard

The contractor's technical quality performance will be evaluated based on the quality of the technical reports, trip reports/meeting minutes, and presentation materials. These deliverables shall be of high technical quality formally portraying the technical objectives and findings. Presentation Materials should be supported with back-up quantitative data, and all deliverables should fully support the program technical objectives without further revision. See paragraph 7.0 for additional requirements.

4.5 Prototype Fabrication, Installation, Testing, and Analysis:

The contractor shall design, fabricate, test and analyze experimental, laboratory developmental, prototype, and limited production apparatus, test equipment, or hardware in support tasks 4.1, 4.2, 4.3, and 4.6. Equipment fabrication, installation, alignment, setup, testing, analysis, and data collection shall be conducted at sea aboard U. S. Navy ships or research vessels, at shore based Navy laboratories and facilities or at other sites and facilities in accordance with GFI. The contractor shall conduct the following:

- a. The Contractor shall plan, design, develop, manufacture, implement, and test experimental, laboratory

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developmental, prototype, and limited production apparatus, test equipment, and hardware in support of Land Based Integration & Testing for the (GFI) SSN/SSBN Combat System. The contractor shall also participate in pre-integration planning meetings, equipment integration, and testing at Navy shore based facilities.

b. The contractor shall develop Special Support Equipment (SSE), tooling, and unique manufacturing method sheets in support of Land Based Integration Testing for the (GFI) SSN/SSBN Combat System. The manufacturing method sheets shall identify all critical processes which must be followed to ensure the quality of the end product and shall be written to a level that the government or other industry working in that area of technology can follow.

c. The contractor shall design, develop, install, and test prototype equipment and system upgrades on U. S. Navy Submarines and shore based facilities. Installation shall be in accordance with approved TEMPALT Drawings provided as GFI.

4.5.1 Deliverables and Schedule

The contractor shall provide Technical Reports in accordance with CDRL A001; Design drawings in accordance with CDRL A002; Logistics and technical documentation in accordance with CDRL A003; and Trip Reports/Meeting Minutes in accordance CDRL A004. Tooling, SSE, material, and equipment shall be prepared and delivered with DD250 in accordance paragraph ASTM-D-3951-90 "Standard Practice for Commercial Packaging."

4.5.2 Technical Quality Performance Standard

The contractor's technical quality performance will be evaluated based on the quality of the technical reports, design drawings, logistics and technical documentation, trip reports/meeting minutes. These deliverables shall be of high technical quality formally portraying the technical objectives and findings. In addition, equipment shall conform to the design specifications provided as GFI. Equipment/hardware and all data deliverables should fully support the program technical objectives without further revision. See paragraph 7.0 for additional requirements.

4.6 Optical and Electro-Optical Design, Testing and Analyses:

The contractor shall design, develop, test, analyze, and evaluate electro-optical sensors, optical systems, acoustic imaging systems, and materials for Submarine Electro-Optic and Imaging Systems. Tasking shall include theoretical performance analyses, operational and operability analyses, training, environmental effects, and trade-off analysis. System analysis and upgrades shall include current SSN/SSBN technology of the Photonics Mast, Type 18, and Type 8 Periscope Systems, but also include futuristic electro-optic systems for net-centric control of the undersea battle space. Platforms will include UUV, UAV, buoys, surface ship, airborne platforms, and satellites. The contractor shall also provide a summary of the design/data and recommendations based on the analyses and testing. The contractor shall conduct the following:

a. Perform E-O system design, development, and tradeoff analysis as follows: 1) Platform E-O imaging, 2) Optical sensor detection, detectability, and optical cross section reduction, 3) Underwater optical propagation, acousto-optic, and communications, 4) Modeling, 5) Brass-boarding and Prototyping. System level technology and performance shall be analyzed for upgrades including current focal plane array and high resolution technology. Prototype hardware shall be developed to validate analysis and design of the electro-optic and optical subsystem.

b. Conduct design reviews and provide technical & engineering support to analyze the mechanical integrity and optical performance of existing and developmental submarine and UUV optical, electro-optical and laser imaging systems. Studies shall include design/drawing reviews, packaging, testing and analysis.

c. Perform data collection, analysis, and tradeoff analysis of existing and developmental optical, electro-optical, and laser imaging systems. Studies shall include analysis of system performance, optical cross-section, laser eye threat, detectability, and laser communications and detection systems for submarine applications.

d. The contractor shall generate, review, and/or upgrade programmatic and technical documentation. Products will include developmental software, technical documentation, interim training material, and developmental support data in electronic format. These products shall be developed with all tags and links necessary for concurrent or future integration into system interactive electronic technical manuals.

4.6.1 Deliverables and Schedule

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The contractor shall provide Technical Reports in accordance with CDRL A010; Technical Documentation including developmental software, interim training material and developmental support data shall be in accordance with CDRL A011.

4.6.2 Technical Quality Performance Standard

The contractor's technical quality performance will be evaluated based on the quality of the technical reports and technical documentation. These deliverables shall be of high technical quality formally portraying the technical objectives and findings. Data deliverables should fully support the program technical objectives without further revision. See paragraph 7.0 for additional requirements.

4.7 Oceanographic Research and Analyses:

The contractor shall conduct low frequency oceanographic acoustic analysis, risk assessments, and impacts. Tasking shall include theoretical performance analyses, operational and operability analyses, training, environmental effects, and trade-off analysis of acoustic energy in an undersea environment. The effects of high energy impulse, steady state, and naturally occurring acoustic profiles shall be considered, and analyses shall include the feasibility and limitations associated with predictive modeling on the environmental effects, oceanographic propagation, and any marine aquatic behavioral modifications. The contractor shall perform the following:

- a. The contractor shall perform data collection, analysis, and predictive modeling on the performance and oceanographic impact of the acoustic sensors and signal processing algorithms. Analysis shall be based on data provided as GFI from both ocean surveillance sensors and from ASW sensor systems, and, shall include the predicted performance of advanced developmental systems.
- b. The contractor shall assess the impact of Navy mid-range tactical and surveillance sensors on the oceanographic environment and marine life. Analysis, acoustic monitoring, and data reduction shall be performed to identify, update and maintain the criteria and thresholds as a measure of the impacts including Temporary Threshold Shift (TTS). This analysis shall include both local and wide area acoustic census data, all weather environments, and migratory patterns.
- c. The contractor shall conduct system design reviews, perform data collection, analysis and submit reports summarizing technical, management information and trade-off analysis of existing and planned submarine acoustic/sonar system programs. Studies shall include assessments of emerging technologies for application to submarine acoustic sensors and systems, and, the potential to upgrade existing systems.

4.7.1 Deliverables and Schedule

The contractor shall provide Technical Reports in accordance with CDRL A012.

4.7.2 Technical Quality Performance Standard

The contractor's technical quality performance will be evaluated based on the quality of the technical reports. These reports shall be of high technical quality formally portraying the technical objectives and findings. Analysis and conclusions should be supported with quantitative data, and all deliverables should fully support the program technical objectives without further revision. See paragraph 7.0 for additional requirements.

5.0 PROGRESS REPORTS

The contractor shall deliver monthly cost and performance reports in accordance with clause C16S COST AND PERFORMANCE REPORTING (MAY 2001).

6.0 GOVERNMENT FURNISHED INFORMATION (GFI)

The Government shall make the following GFI available to the Contractor during the period of performance of this Task Order, as required source data necessary for the accomplishment of specific tasks described herein:

6.1 Operations Situation (OPSIT) Planning Data

6.2 PARM and OPNAV Planning Guidance Data

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6.3 NAVSEAINST 4720.14 Temporary Alterations to Active Fleet Submarines

6.4 Fleet Exercise and Test Schedules

6.5 Systems Performance Data and Technical Documentation

6.6 Work Breakdown Schedule

GFI will be provided upon task order award or as it becomes available. GFI will be returned upon completion of work.

7.0 QUALITY SURVEILLANCE AND 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, cost, and security. Technical quality will be evaluated against the performance standards defined in each of the major tasking paragraphs and the contractor's ability to provide deliverables which formally portray the technical objectives and findings without further revision. 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 contractor's ability to manage to the negotiated costs. Security will be evaluated based on the contractor's ability to meet the security parameters required by the Task Order and DD-254.

C16S COST AND PERFORMANCE REPORTING (NOV 2010)

(a) The Contractor agrees to provide the Contractor's Funds and Man-hour Expenditure Report in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System within sixty (60) days after the date of task order award. Failure to comply with this requirement may result in task order termination.

(b) The Contractor's Funds and Man-hour Expenditure Report reports contractor expenditures for labor, materials, travel and other contract charges.

(1) Format. Data shall be reported in a format acceptable to the Electronic Cost Reporting and Financial Tracking System (eCRAFT). Paper submittal of the data is permitted for the first 60 days of performance. Address paper submittals to the Contracting Officer's Representative identified in the task order.

(2) Scope and Content.

(i) The Contractor shall identify costs to the individual SLIN if applicable. If pricing is not established at the SLIN level, report to the CLIN.

(ii) The Contractor shall report individual cost elements comprising the total cost of performance for the current cost reporting period.

(3) Submission and Approval.

(i) Submit report at least once per month beginning 30 days after task order award. Approval will be indicated by e-mail notification from eCRAFT.

(ii) Distribution Statement. Distribution Statement B: Distribution to U.S. Government agencies only; Proprietary Information; (date data generated). Other requests for this document shall be referred to NUWC DIVNPT Code 119 .

(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. References to costs are meant to

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be at a summary level. Preparation instructions follow.

(1) Format. Pages shall be sequentially numbered. All attachments shall be identified and referenced in the text of the report. Report shall be prepared in the contractor's format and shall be legible and suitable for reproduction. Electronic submission is encouraged.

(2) Content.

(i) Provide a front cover sheet that indicates the contractor's name and address, the contract number and task order number, the system or program nomenclature, the report date, the reporting period, the report title and a serial number for the report, the security classification, the name and address of the person who prepared the report, and the name of the issuing Government activity (Naval Undersea Warfare Center Division, Newport).

(ii) Report task order 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 network, or to the milestone chart.

(iv) Report problem areas affecting technical, scheduling, or cost elements. Provide background and recommendations for solutions beyond the scope of the task order. Report results (positive or negative) obtained related to previously identified problem areas, with conclusions and recommendations.

(v) Report all trips and significant results.

(vi) Report all significant communications and any commitments made thereby. Include all non-contractual communications, such as emails, telephone conversations, etc.

(vii) Report Engineering Change Proposal (ECP) status. Identify all ECPs by status, i.e., proposed, approved and implemented.

(viii) Report plans for activities during the following reporting period.

(ix) Include appendices for any necessary tables, references, photographs, illustrations, charts, etc.

(3) Submission and Approval.

(i) Submission. Submit report monthly beginning 30 days after task order award.

(ii) Distribution. Provide one original copy to the Contracting Officer's Representative. Additional copies shall be provided to:

(iii) Distribution Statement. Distribution Statement B: Distribution to U.S. Government agencies only; Proprietary Information; (date data generated). Other requests for this document shall be referred to NUWCDIVNPT Code .

(iv) Approval. DD Form 250 is not required. Approval will be indicated via letter of transmittal.

(d) The contractor shall not provide other funds, man-hour, or status reporting without the prior written approval of the Contracting Officer.

C23S FACILITIES (SEP 2004)

(a) The Contractor shall provide liaison office(s) within commuting distance (by surface transportation) of the Naval Undersea Warfare Center Division, Newport. The liaison office(s) shall meet all security requirements and provide controlled access work areas as specified in the DD Form 254 (if attached).

(b) The requirement for maintaining these facilities shall not be construed to mean that the Government will be obliged to pay any direct costs in connection therewith and further, the contractor shall not be entitled to any direct payment (labor, transportation or otherwise) in connection with any personnel set in readiness at, or brought to such facility in preparation for, or in expectation of, work to be performed under the contract. Payment for labor hours and

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materials will be made only for such hours and materials actually expended in performance under the contract. This paragraph applies also to any additional facilities which may be necessary during contract performance.

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 NACLCL.

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 NUWC DIVNPT 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 NUWC DIVNPT 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 NUWC DIVNPT 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 NUWC DIVNPT 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 ISO14001_2009 Training.pdf

(e) The contractor shall remove from the Government site any individual whose presence is deemed by the Commander, NUWC DIVNPT, 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 2010)

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 Attachment 2 to Directive-Type Memorandum (DTM) 08.027 – 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/DTM-08-027.pdf>

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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 Attachment 2 to Directive-Type memorandum (DTM) 08-027 – 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.

C60S ORGANIZATIONAL CONFLICT OF INTEREST - FAR 9.505 (MAR 2011)

(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 or might be otherwise impaired, or a person has an unfair competitive advantage.

(b) “Person” as used herein includes Corporations, Partnerships, Joint Ventures, and other business enterprises.

(c) “Contractor” as used herein means the Contractor, its subsidiaries and affiliates, joint ventures involving the Contractor, any entity with which the Contractor may hereafter merge or affiliate, and any other successor of the Contractor.

(d) “Government Representative” as used herein is any Government employee, either military or civilian, not directly involved in the effort to be performed under this task order.

(e) An actual or potential Organizational Conflicts of Interest exists in the following circumstances:

(1) Systems Engineering and Technical Direction (SETD): In accordance with FAR 9.505-1; if this task order provides for SETD, the Contractor agrees not to be a supplier to the Department of Defense, a subcontract supplier, or a consultant to a supplier of any system or subsystems for which the SETD functions are performed hereunder.

(2) Specifications: In accordance with FAR 9.505-2(a); if this task order provides for the Contractor to prepare complete specifications covering non developmental items to be used in competitive acquisitions, the Contractor agrees not to be a supplier to the Department of Defense, a subcontract supplier, or a consultant to a supplier of any system or subsystem for which complete specifications were prepared hereunder.

(3) Statement of Work: In accordance with FAR 9.505-2(b); if this task order provides for the Contractor to prepare, support the preparation of, or provide material leading directly, predictably and without delay to a work statement to be used in competitive acquisitions; the contractor agrees not to be a supplier to the Department of Defense, a subcontract supplier, or a consultant to a supplier of any services, systems or subsystems for which the contractor participated in preparing the work statement as defined above.

For Paragraphs (1) thru (3), the prohibition relative to being a supplier, a subcontract supplier, or a consultant to a supplier of any services, systems or subsystems extends for a period of three years after the term of this task order.

(4) Technical Evaluation and Management Support Services: In accordance with FAR 9.505-3; if this task order provides for the technical evaluation of other Contractors’ products or services or provides for the furnishing of management support services, the Contractor agrees that it shall not furnish to the United States Government, either as a prime contractor, as a subcontractor,

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or as a consultant to a prime contractor or subcontractor, any system, subsystem or component which is the subject of work under this contract, except that it may, under the circumstances stated in (i) and (ii) below, participate in related Integrated Product Teams (IPT's). This prohibition is effective during the term of the task order and extends for a period of _____ years after the term of this task order.

(i) The Contractor further agrees that its employees, agents or subcontractors shall not disclose to any individual, company or Government representative any information relating to current or proposed Government budgetary information, acquisition planning or acquisition actions, obtained either directly or indirectly as a result of the effort performed under this task order, unless so directed by the Contracting Officer. The Contractor also agrees that it shall promptly notify the Contracting Officer of any attempt by an individual, company or Government representative to gain access to such information. Such notification shall include the name and organization, if available, of the individual, company or Government representative seeking access to such information.

(ii) If the contractor is tasked by NUWC to participate in an IPT related to any system, subsystem or component which is the subject of work under this task order, the contractor may participate without the need for any notification to the Contracting Officer. If the contractor is tasked by some other Government office to participate in an IPT related to any system, subsystem or component which is the subject of work under this task order, the contractor may participate without advance approval but shall notify the Contracting Officer within 5 calendar days of the request. If the contractor is tasked by a non-Government entity (e.g. another contractor) to participate in an IPT related to any system, subsystem or component which is the subject of work under this task order, the contractor shall not begin work on the IPT task without obtaining authorization from the Contracting Officer of this task order. The contractor shall notify the Contracting Officer of this task order in writing, describing the IPT effort, listing the probable participants, providing a justification for the contractor's participation, and describing the safeguards which will be established to ensure the contractor's objectivity for this task order. Within 15 days of receiving the notification, the Contracting Officer will consider whether the contractor's objectivity will be affected and will issue a determination to the contractor.

(5) Proprietary Data: In accordance with FAR 9.505-4, if the statement of work for this task order requires access to proprietary data of other companies the Contractor must agree with the other companies to (1) protect their information from unauthorized use or disclosure for as long as it remains proprietary and (2) refrain from using the information for any purpose other than that for which it was furnished. The Contractor agrees to furnish copies of such agreements to the Contracting Officer before accepting possession of such data. The Contractor further agrees that such proprietary data shall not be used in performing for the Department of Defense additional work in the same field as work performed under this task order if such additional work is procured competitively.

The Government may administratively modify the contract to list agreements between the Contractor and third parties into the task order.

(f) 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).

(g) The Contractor shall, within 15 days after the effective date of this task order, provide, in writing, to the Contracting Officer, a certification that all employees, agents and subcontractors involved in the performance of this task order have been informed of the provisions of this clause.

(h) Any subcontractor which performs any work relative to this task order shall be subject to this clause. The Contractor agrees to place in each subcontract affected by these provisions the necessary language contained in this clause.

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(i) In the event the Contractor, or any of its employees, agents or subcontractors fails to comply with the provisions of this clause, such noncompliance shall be deemed a material breach of contract for which the Government reserves the right to terminate the task order for default and/or resort to such other rights and remedies as provided for under this task order and under the Federal law of contracts. Noncompliance with the provisions of this clause may also adversely affect the determination of Contractor responsibility in future Government acquisitions.

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SECTION D PACKAGING AND MARKING

D11S PRESERVATION, PACKAGING, PACKING AND MARKING (MAY 2006)

Preservation, packaging, packing, and marking shall be in accordance with ASTM D 3951-98, "Standard Practice for Commercial Packaging". Additionally, the Contractor shall mark all packages with the following, as appropriate:

CONTRACT NUMBER: (from SF26 Block 2 or Task Order Block 1)

ORDER NUMBER: (from Task Order Block 2)

REQUISITION NUMBER: (from Task Order General Information Section)

D21S DELIVERY, CONTROL, AND MARKING OF TECHNICAL DATA (SEP 2004)

- (a) Data furnished hereunder shall be adequately packaged to assure safe delivery at destination.
- (b) Transmittal of classified information by mail shall be in accordance with the National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information (DOD 5220.22-M).
- (c) The Contractor shall distribute data items according to the distribution shown on the Contract Data Requirements List(s) (CDRL), provided as an Exhibit to this task order. The Contractor shall not distribute, release, or show data items or other technical data to third parties except with the written permission of the Task Order Ordering Officer.
- (d) Release of all technical data is subject to NUWCDIVNPT INSTRUCTION 5570.1H, OPNAVINST 5510.161 and DoD Directive 5230.25 (or appropriate superseding document).
- (e) All copies of CDRL items under this task order, regardless of distribution, shall be marked on the report cover with the following information:

Naval Undersea Warfare Center Division, Newport

Contract, Order, and ELIN Numbers

Report Title

Date of Report

Contractor Name (division which generated the report)

- (f) Some of the data deliverables under this task order may require additional markings. If this clause is cited in Block 16 of the DD Form 1423, provide the following markings prominently on the cover of the report:

Contractor's Business Address

Task Order Dollar Amount

Sponsor (name, activity, office code, and location). Orders, if applicable, will identify the sponsor.

D24S PROHIBITED PACKING MATERIALS (JUN 2004)

The use of asbestos, excelsior, newspaper or shredded paper (all types including waxed paper, computer paper and similar hygroscopic or non-neutral material) is prohibited. In addition, loose fill polystyrene is prohibited for shipboard use.

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SECTION E INSPECTION AND ACCEPTANCE

E14S INSPECTION AND ACCEPTANCE OF SERVICES (AUG 2005)

Inspection and acceptance shall be performed in accordance with the basic contract.

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SECTION F DELIVERABLES OR PERFORMANCE

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

1300	9/26/2006 - 9/25/2007
1301	9/26/2007 - 8/31/2008
1302	9/1/2008 - 8/31/2009
1501	12/7/2007 - 8/31/2008
1502	10/17/2008 - 9/30/2009
3300	9/26/2006 - 9/25/2007
3301	9/26/2007 - 8/31/2008
3302	9/1/2008 - 8/31/2009
3501	12/7/2007 - 8/31/2008
3502	10/17/2008 - 9/30/2009
4301	9/1/2009 - 8/31/2010
4302	9/1/2010 - 8/31/2011
4303	12/14/2009 - 12/31/2009
4304	1/1/2010 - 8/31/2010
4305	9/1/2011 - 1/31/2012
6301	9/1/2009 - 8/31/2010
6302	9/1/2010 - 8/31/2011
6303	12/14/2009 - 12/31/2009
6304	1/1/2010 - 8/31/2010
6305	9/1/2011 - 1/31/2012

F1S PERIOD OF PERFORMANCE (JUN 2010)

Services to be furnished hereunder shall be performed and completed as follows:

Base	1300; 3300	9/26/06-9/25/07
Option 1	1301; 3301	9/26/07-8/31/08
Option 2	1302; 3302	9/1/08-8/31/09
Option 3	4300; 6300	eliminated in Mod 54
Option 4	4301; 6301	9/1/09-8/31/10
Option 5	4302; 6302	9/1/10-8/31/11
Option 6	1501; 3501	12/10/07- 8/31/08
Option 7	1502; 3502	10/17/08- 9/30/09
Option 8	4303; 6303	12/14/09-12/31/09
Option 9	4304; 6304	01/01/10-08/31/10
Option 10	4305; 6305	09/01/11-12/30/11

* 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 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 12 months. The overall Period of Performance of this task order shall not exceed five (5) yrs from the effective date of the task order.

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F18S DELIVERY AT DESTINATION (JUN 2004)

The articles to be furnished hereunder shall be delivered in accordance with the clause entitled, F.O.B. Destination (FAR 52.247-34), to the following address:

Supply Officer

Naval Undersea Warfare Center, Division Newport

Naval Station Newport, Bldg. 47

47 Chandler Street

Newport, RI 02841-1708

F22S DELIVERY OF DATA (JUN 2004)

The contractor shall deliver data items in accordance with the directions set forth on the DD Form 1423, Contract Data Requirements List (CDRL), which is an exhibit to this task order. Any change in the delivery of data must be made by a formal task order modification.

F30S PLACE OF PERFORMANCE (APR 2005)

Work will be performed at the Contractor's facility or other locations, as required by the statement of work.

Anticipated travel sites include: San Diego, CA; Washington DC; Norfolk, VA; Los Angeles, CA; and, Syracuse, NY.

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SECTION G CONTRACT ADMINISTRATION DATA

HQ G-2-0007 INVOICE INSTRUCTIONS (NAVSEA) (APR 2011)

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

((b) It is recommended that the person in your company designated as the Central Contractor Registration (CCR) Electronic Business (EB) Point of Contact and anyone responsible for the submission of invoices, use the online training system for WAWF at <http://wawftraining.com>. The Vendor, Group Administrator (GAM), and sections marked with an asterisk in the training system should be reviewed. Vendor documentation is available under Resources at <http://wawftraining.com>.

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

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

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

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

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

Issue DODAAC	N66604
Admin DODAAC	S0514A

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Pay Office DODAAC	HQ0339
Inspector DODAAC	N/A
Service Acceptor DODAAC	N/A
Service Approver DODAAC	N66604
Ship To DODAAC	N/A
DCAA Auditor DODAAC	HAA245
Inspection Location	N/A
Acceptance Location	N/A

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

(e) The Contractor agrees to segregate costs incurred under this task order at the lowest level of performance, either task or subtask, rather than on a total task order basis, and to submit invoices reflecting costs incurred at that level. Supporting documentation in 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 ODCs (materials and travel), by line item task or subtask. 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 and Contracting Officer Representative. Should the subcontractor lack encryption capability, the subcontractor may also email detailed supporting cost information directly to the Contracting Officer and Contracting Officer Representative; or other method as agreed to by the Contracting Officer.

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

Send Additional Email Notification To:
kimberly.j.thompson@navy.mil

(g) The contractor shall submit invoices/cost vouchers for payment per contract terms and the

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

(h) If you have any questions regarding WAWF, please contact the WAWF helpdesk at the above 1-866 number or the NUWCDIVNPT WAWF point of contact, Jerry Palmer at 401-832-4964 or gerard.palmer@navy.mil. For payment status, log into WAWF, scroll to the bottom of the page, and click on the link for "Pay Status (myinvoice – External Link)". Call or e-mail Barbara Sangeado at 401-832-4952 or barbara.sangeado@navy.mil only if you cannot get the answer through the WAWF Website.

G10S CONTRACTUAL AUTHORITY AND COMMUNICATIONS (AUG 2011)

(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.

(c) The Contracting Officer is:

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

(d) The Task Order Negotiator is:

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

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(e) Ombudsman for the Naval Undersea Warfare Center Division, Newport, RI, is:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(f) The Contracting Officer's Representative (COR) this task order is:

[REDACTED]

Code: 3414

Mailing Address: Naval Undersea Warfare Center Division, Newport, 1176 Howell Street, Building:
1319 1st Floor Room: 118, Newport, RI 02841

[REDACTED]

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

(g) The Contractor's Senior Technical Representative is:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

The individual has the authority to bind the company on contractual matters.

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.

Accounting Data

SLINID	PR Number	Amount
[REDACTED]	[REDACTED]	[REDACTED]
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SECTION H SPECIAL CONTRACT REQUIREMENTS

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.

H38S TECHNICAL INSTRUCTIONS (NOV 2010)

(a) A Technical Instruction (TI) is written guidance or specific direction to the contractor within the scope of the task order Statement of Work (SOW).

(b) When necessary, the Government will issue Technical Instructions (TI's) to provide clarification or details of specific tasks set forth in the task order Statement of Work (SOW). However, TI's may not be used to:

- (1) assign work not covered by the scope of the task order (it is not a modification to the task order),
- (2) direct a change as defined in the contract clause entitled "Changes",
- (3) increase or decrease the task order's estimated cost, its fixed fee or award fee, its total level of effort, or the time required for contract performance; or
- (4) change any of the terms, conditions or specifications of the basic contract or task order.

(c) Normally, the Contracting Officer's Representative (COR) will issue the TI, although it may be issued by the Contracting Officer. The TI may be based on technical discussions with the Contractor. However, the COR can only perform one of the following functions: (1) initiate the requirement for the task order, (2) place TI's, or (3) perform receipt, inspection, and acceptance of the services. If circumstances preclude an individual COR from performing a single function, then, at a minimum, the individual COR responsible for placing the TI shall not perform receipt, inspection, and acceptance.

(d) In an urgent situation, if funding is already available (see paragraph (f)), the COR may provide oral direction to the contractor, but any oral direction must be formalized in writing within 5 working days. A TI is effective only after it is signed by the COR and delivered, mailed, or electronically transmitted to a contractor representative. Subsequent TIs may revise the original TI. The contractor shall not initiate work unless the work has been defined by a TI.

(e) As a minimum, TI's shall include the following data:

- (1) Contract number, task order number and TI number,
- (2) Effective date (if different from date of the TI),
- (3) Technical directions or clarifications, stated in a clear and unambiguous fashion
- (4) Specific reference to relevant SOW paragraphs, deliverables, quantities, due date, SLINs, color of funding, government cost estimate, and total labor hours to be expended.

(f) Regardless of whether the TI is first transmitted orally or in writing, no cost will be incurred unless appropriate funding is available on this task order.

(g) If the Contractor believes that a TI constitutes a change, the Contractor shall not perform the affected portion of the work; and shall contact the COR immediately for further clarification and direction.

(h) In the event that an issue cannot be resolved between the contractor and the COR, the Contractor shall contact the Contracting Officer for clarification and direction.

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H40S KEY PERSONNEL (FEB 2007)

The following are specified as key people for this task order:

<u>Key Personnel</u>	<u>Company</u>	<u>Labor Category</u>
Carl Floyd	SAIC	Scientist II
Joe Perry	SAIC	Scientist II
Raymond Ingram	SAIC	Elec/Electronics Engineer IV
William Huntley	SAIC	Elec/Electronics Engineer IV
Andy Depta	SAIC	Program/Project Manager III
Annette Zimmermann	SAIC	Program/Project Manager III
Paul Leroy	SAIC	Logistician III
Pedro Gonzales	SAIC	Logistician III
Leroy W. Briscoe	ARA, Inc.	Engineer Technician III
Bruce Abraham	APS	Engineer, Acoustical III
James McConnell	APS	Engineer, Acoustical III
Paul Koenigs	APS	Engineer, Acoustical III

H61S GOVERNMENT FURNISHED PROPERTY (GFP) (FEB 2005)

(a) The Government shall furnish Government property to the Contractor for use in connection with this task order.

(1) Government Furnished Equipment (GFE), Government Furnished Material (GFM) and Government facilities shall be made available for contractor's use as identified in the attached, Government Property Made Available. The property shall be made available, free of expense to the Contractor, in the quantities and at the times specified at the following location: NUWC Division Newport, Newport RI.

(2) Government Furnished Information (GFI) shall be provided as identified in the Statement of Work and specifications. Unless specified otherwise, GFI will be furnished within 30 days after task order award.

(b) Only the identified items, in the quantity shown, will be furnished by the Government; however, additional Government property may be made available. All other material required for the performance of this task order shall be furnished by the Contractor. GFP furnished under this task order is for use exclusively under this task order unless specified otherwise in writing by the Task Order Ordering Officer.

(c) All Government Property furnished under this task order shall be returned to NUWC DIVNPT at the completion of the task order unless otherwise specified. The Contractor shall immediately advise the Task Order Ordering Officer, in writing, of any property lost, damaged, or transferred out of the Contractor's possession.

H81S TRAVEL COSTS AND RESPONSIBILITIES (JUL 2008)

(a) Performance under this contract may require travel by contractor personnel. If travel, domestic or overseas, is required, the Contractor shall be responsible for making all needed arrangements for its personnel. This includes, but is not limited to, medical examinations; immunizations; passports, visas, etc. and security clearances. If any work will take place on a U.S. Navy vessel, the Contractor shall obtain boarding authorization for all contractor personnel from the Commanding Officer of the vessel. Authorization shall be obtained prior to boarding.

(b) The Government will reimburse the Contractor for allowable travel costs incurred by the Contractor in performance of the contract in accordance with FAR subpart 31.2 or 31.3 as applicable.

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_050508.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

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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 (SEP 2005)

The applicable Service Contract Act Wage Determination by the Secretary of Labor is provided below:

Wage Determination #: 2005-2467 Rev. 11, Area: Rhode Island (Newport county)

Wage Determination #: 2005-2089 Rev. 17, Area: CT (New London county)

Offerors who intend to perform in a place or area of performance for which a wage determination has not been attached may nevertheless submit bids or proposals, but they should obtain additional WDs from the following website:

<http://www.wdol.gov/>

Choose "Selecting WDs" from the menu. After choosing the appropriate area, answer the "prompts" as follows:

1. Were these services previously performed at this locality under an SCA-Covered contract? No.
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.

Note: Whether or not an offeror properly obtains any needed additional WDs, appropriate WDs shall be requested and incorporated in the resultant contract retroactive to the date of the task order, and there shall be no adjustment in the task order price.

H100S APPLICABILITY OF SECTION 508 OF THE REHABILITATION ACT

This procurement does not contemplate the purchase of Electronic and Information Technology (EIT) falling under the definition of EIT provided in the Rehabilitation Act or Accessibility Standard.

5252.232-9104 ALLOTMENT OF FUNDS (JAN 2008)

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

ITEM	ALLOTED TO COST	ALLOTED TO FEE	TOTAL AMOUNT ALLOTED	ESTIMATED PERIOD OF PERFORMANCE
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SECTION I CONTRACT CLAUSES

252.204-7005 ORAL ATTESTATION OF SECURITY RESPONSIBILITIES (AUG 1999)

252.223-7006 PROHIBITION ON STORAGE AND DISPOSAL OF TOXIC AND HAZARDOUS MATERIALS (APR 1993)

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

52.222-99 Notification Of Employee Rights Under The National Labor Relations Act (DEVIATION 2010-O0013) (JUN 2010)

52.223-5 POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION (AUG 2003)

252.231-7000 SUPPLEMENTAL COST PRINCIPLES (DEC 1991)

52.237-2 PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT AND VEGETATION (APR 1984)

52.247-63 PREFERENCE FOR U.S.-FLAG AIR CARRIERS (JUN 2003)

52.247-67 SUBMISSION OF COMMERCIAL TRANSPORTATION BILLS TO THE GENERAL SERVICES ADMINISTRATION FOR AUDIT (JUN 1997)

I22-42 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (FAR 52.222-42) (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

SEE CLAUSE H83S for guidance.

52.222-54 Employment Eligibility Verification (Jan 2009)

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

“Commercially available off-the-shelf (COTS) item”—

(1) Means any item of supply that is—

(i) A commercial item (as defined in paragraph (1) of the definition at 2.101);

(ii) Sold in substantial quantities in the commercial marketplace; and

(iii) Offered to the Government, without modification, in the same form in which it is sold in the commercial marketplace; and

(2) Does not include bulk cargo, as defined in section 3 of the Shipping Act of 1984 (46 U.S.C. App. 1702), such as agricultural products and petroleum products. Per 46 CFR 525.1(c)(2), “bulk cargo” means cargo that is loaded and carried in bulk onboard ship without mark or count, in a loose unpackaged form, having homogenous characteristics. Bulk cargo loaded into intermodal equipment, except LASH or Seabee barges, is subject to mark and count and, therefore, ceases to be bulk cargo.

“Employee assigned to the contract” means an employee who was hired after November 6, 1986, who is directly performing work, in the United States, under a contract that is required to include the clause prescribed at 22.1803. An employee is not considered to be directly performing work under a contract if the employee—

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- (1) Normally performs support work, such as indirect or overhead functions; and
- (2) Does not perform any substantial duties applicable to the contract.

“Subcontract” means any contract, as defined in 2.101, entered into by a subcontractor to furnish supplies or services for performance of a prime contract or a subcontract. It includes but is not limited to purchase orders, and changes and modifications to purchase orders.

“Subcontractor” means any supplier, distributor, vendor, or firm that furnishes supplies or services to or for a prime Contractor or another subcontractor.

“United States,” as defined in 8 U.S.C. 1101(a)(38), means the 50 States, the District of Columbia, Puerto Rico, Guam, and the U.S. Virgin Islands.

(b) *Enrollment and verification requirements.*

(1) If the Contractor is not enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall—

- (i) *Enroll.* Enroll as a Federal Contractor in the E-Verify program within 30 calendar days of contract award;
- (ii) *Verify all new employees.* Within 90 calendar days of enrollment in the E-Verify program, begin to use E-Verify to initiate verification of employment eligibility of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); and
- (iii) *Verify employees assigned to the contract.* For each employee assigned to the contract, initiate verification within 90 calendar days after date of enrollment or within 30 calendar days of the employee’s assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).

(2) If the Contractor is enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall use E-Verify to initiate verification of employment eligibility of—

- (i) *All new employees.*
 - (A) *Enrolled 90 calendar days or more.* The Contractor shall initiate verification of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or
 - (B) *Enrolled less than 90 calendar days.* Within 90 calendar days after enrollment as a Federal Contractor in E-Verify, the Contractor shall initiate verification of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or
- (ii) *Employees assigned to the contract.* For each employee assigned to the contract, the Contractor shall initiate verification within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).

(3) If the Contractor is an institution of higher education (as defined at 20 U.S.C. 1001(a)); a State or local government or the government of a Federally recognized Indian tribe; or a surety performing under a takeover agreement entered into with a Federal agency pursuant to a performance bond, the Contractor may choose to verify only employees assigned to the contract, whether existing employees or new hires. The Contractor shall follow the applicable verification requirements at (b)(1) or (b)(2), respectively, except that any requirement for verification of new employees applies only t new employees assigned to the contract.

(4) *Option to verify employment eligibility of all employees.* The Contractor may elect to verify all existing employees hired after November 6, 1986, rather than just those employees assigned to the contract. The Contractor shall initiate verification for each existing employee working in the United States who was hired after November 6, 1986, within 180 calendar days of—

- (i) Enrollment in the E-Verify program; or

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(ii) Notification to E-Verify Operations of the Contractor's decision to exercise this option, using the contact information provided in the E-Verify program Memorandum of Understanding (MOU).

(5) The Contractor shall comply, for the period of performance of this contract, with the requirement of the E-Verify program MOU.

(i) The Department of Homeland Security (DHS) or the Social Security Administration (SSA) may terminate the Contractor's MOU and deny access to the E-Verify system in accordance with the terms of the MOU. In such case, the Contractor will be referred to a suspension or debarment official.

(ii) During the period between termination of the MOU and a decision by the suspension or debarment official whether to suspend or debar, the Contractor is excused from its obligations under paragraph (b) of this clause. If the suspension or debarment official determines not to suspend or debar the Contractor, then the Contractor must reenroll in E-Verify.

(c) *Web site.* Information on registration for and use of the E-Verify program can be obtained via the Internet at the Department of Homeland Security Web site: <http://www.dhs.gov/E-Verify> .

(d) *Individuals previously verified.* The Contractor is not required by this clause to perform additional employment verification using E-Verify for any employee—

(1) Whose employment eligibility was previously verified by the Contractor through the E-Verify program;

(2) Who has been granted and holds an active U.S. Government security clearance for access to confidential, secret, or top secret information in accordance with the National Industrial Security Program Operating Manual; or

(3) Who has undergone a completed background investigation and been issued credentials pursuant to Homeland Security Presidential Directive (HSPD) -12, Policy for a Common Identification Standard for Federal Employees and Contractors.

(e) *Subcontracts.* The contractor shall include the requirements of this clause, including this paragraph (e) (appropriately modified for identification of the parties), in each subcontract that—

(1) *Is for* —

(i) Commercial or noncommercial services (except for commercial services that are part of the purchase of a COTS item (or an item that would be a COTS item, but for minor modifications), performed by the COTS provider, and are normally provided for that COTS item); or

(ii) Construction;

(2) Has a value of more than \$3,000; and

(3) Includes work performed in the United States.

**252.222-7999 ADDITIONAL REQUIREMENTS AND RESPONSIBILITIES
RESTRICTING THE USE OF MANDATORY ARBITRATION
AGREEMENTS (DEVIATION) (FEB 2010)**

(a) *Definitions.*

“Covered subcontract,” as used in this clause, means any subcontract, except a subcontract for the acquisition of commercial items or commercially available off-the-shelf items, that is in excess of \$1 million and uses Fiscal Year 2010 funds.

(b) The Contractor-

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(1) Agrees not to-

(i) Enter into any agreement with any of its employees or independent contractors that requires, as a condition of employment, that the employee or independent contractor agree to resolve through arbitration any claim under title VII of the Civil Rights Act of 1964 or any tort related to or arising *out* of sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention; or

(ii) Take any action to enforce any provision of an existing agreement with an employee or independent contractor that mandates that the employee or independent contractor resolve through arbitration any claim under title VII of the Civil Rights Act of 1964 or any tort related to or arising out of sexual assault or harassment, including assault and battery, intentional infliction of emotional distress, false imprisonment, or negligent hiring, supervision, or retention; and

(2) Certifies, by signature of the contract, for contracts awarded after June 17, 2010, that it requires each covered subcontractor to agree not to enter into, and not to take any action to enforce any provision of any agreements, as described in paragraph (b)(1) of this clause, with respect to any employee or independent contractor performing work related to such subcontract.

(c) The prohibitions of this clause do not apply with respect to a Contractor's or subcontractor's agreements with employees or independent contractors that may not be enforced in a court of the United States.

(d) The Secretary of Defense may waive the applicability of the restrictions of paragraph (b) to the Contractor or a particular subcontractor for the purposes of the contract or a particular subcontract if the Secretary or the Deputy Secretary personally determines that the waiver is necessary to avoid harm to national security interests of the United States, and that the term of the contract or subcontract is not longer than necessary to avoid such harm. This determination will be made public not less than 15 business days before the contract or subcontract addressed in the determination may be awarded.

52.244-2 SUBCONTRACTS (OCT 2010)

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SECTION J LIST OF ATTACHMENTS

Task Order Administration Plan

DD 254- Contract Security Classification Specification with CNO Letter (updated)

Listing of Government Furnished Property

DD1423- Contract Data Requirments List (with Addendum)