

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE U	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 22	3. EFFECTIVE DATE 09-Mar-2018	4. REQUISITION/PURCHASE REQ. NO. 1300695671	5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY SPAWAR-Systems Center Lant (CHRL) P.O. BOX 190022 North Charleston SC 29419-9022	CODE N65236	7. ADMINISTERED BY (If other than Item 6) DCMA Dallas 4211 Cedar Springs Road Dallas TX 75219-2602	CODE	S4402A SCD: C

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) KSH Solutions Inc 700 N. Saint Marys Street, Ste 1400 San Antonio TX 78205		9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
[X]		10A. MODIFICATION OF CONTRACT/ORDER NO. N00178-14-D-7847-V701
		10B. DATED (SEE ITEM 13) 15-Jan-2016
CAGE CODE 6M9L6	FACILITY CODE	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

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

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

12. ACCOUNTING AND APPROPRIATION DATA (If required)

SEE SECTION G

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

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

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

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED 09-Mar-2018
(Signature of person authorized to sign)			

NSN 7540-01-152-8070

PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)

Prescribed by GSA
FAR (48 CFR) 53.243

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 2 of 2	FINAL
----------------------------------	---	----------------------------------	----------------	-------

GENERAL INFORMATION

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 1 of 107	FINAL
----------------------------------	---	----------------------------------	------------------	-------

SECTION B SUPPLIES OR SERVICES AND PRICES

CLIN - SUPPLIES OR SERVICES

For Cost Type Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
7001	R425	Defense Health Cyber Infrastructure and Application Engineering (Fund Type - OTHER)	1.0	LO			
700101	R425	ACRN AA PR 1300463869 TASK 3.8.1 (Fund Type - OTHER)					
700102	R425	ACRN AB PR 1300463869 TASK 3.2,3.3 (Fund Type - OTHER)					
700103	R425	ACRN AC PR 1300463869 TASK 3.2,3.3 (Fund Type - OTHER)					
700104	R425	ACRN AD PR 1300463869 TASK 3.2,3.5 (Fund Type - OTHER)					
700105	R425	ACRN AE PR 1300463869 TASK 3.6,3.7 (Fund Type - OTHER)					
700106	R425	ACRN AF PR 1300463869 TASK 3.4 (Fund Type - OTHER)					
700107	R425	ACRN AG: Labor for PWS PR: 1300553276 FUNDING DOC: HT0003512351 FUNDS EXP: 9/30/2016 NWA/BS: 1000010913570 0060 (Fund Type - OTHER)					
700108	R425	ACRN AH: Labor for PWS PR: 1300553276 FUNDING DOC: HT0003512399 FUNDS EXP: 9/30/2016 NWA/BS: 100001095051 0060 (Fund Type - OTHER)					
700109	R425	ACRN AM: Labor for PWS PR: 1300563590 FUNDING DOC: HT0003613526 FUNDS EXP: 9/30/2016 NWA/BS: 100001153761 0040 (Fund Type - OTHER)					
700110	R425	ACRN AN: Labor for PWS PR: 1300563590 FUNDING DOC: HT0003613265 FUNDS EXP: 9/30/2016 NWA/BS: 100001145476 0060 (Fund Type - OTHER)					
700111	R425	ACRN AP Labor for PWS-Subtask 3.6, 3.7 PR 1300570218 FUNDING DOC HT0003512349 FUNDS EXP - 9/30/2016 NWA/BS: 100001090127 0060 (O&MN,N)					

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 2 of 107	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700112	R425	ACRN AK - Labor for PWS-Subtask 3.8.1 PR 1300570218 FUNDING DOC: HT0003512383 FUNDS EXP - 9/30/2016 NWA/BS: 100001094141 0060 (O&MN,N)					
700113	R425	ACRN AQ - Labor for PWS-Subtask 3.2.3.3 PR 1300570218 FUNDING DOC: HT0003512399 FUNDS EXP - 9/30/2016 NWA/BS: 100001095051 0060 (O&MN,N)					
700114	R425	ACRN AJ - Labor for PWS-Subtask 3.4 PR 1300570218 FUNDING DOC: HT0003512377 FUNDS EXP - 9/30/2016 NWA/BS: 10001091456 0060 (O&MN,N)					
700115	R425	ACRN AL - Labor for PWS-Subtask 3.2, 3.3, 3.4, 3.5 PR 1300570218 FUNDING DOC: HT0003512402 FUNDS EXP: 9/30/2016 NWA/BS: 100001091548 0060 (O&MN,N)					
700116	R425	ACRN AG - Labor for PWS-Subtask 3.5 PR 1300570218 FUNDING DOC: HT0003512351 FUNDS EXP - 9/30/2016 NWA/BS: 100001091357 0060 (O&MN,N)					
700117	R425	ACRN AR - Labor for PWS-Subtask 3.8.2 PR 1300570218 FUNDING DOC: HT0003613773 FUNDS EXP - 9/30/2016 NWA/BS: 100001094073 0060 (O&MN,N)					
700118	R425	ACRN AN - Labor for PWS-Subtask 3.2.3.3 PR 1300570218 FUNDING DOC: HT0003613265 FUNDS EXP - 9/30/2016 NWA/BS: 100001145476 0060 (O&MN,N)					
700119	R425	PR 1300585293 ACRN AU (PWS tasks 3.2, 3.3) DOC: HT0003512361 NWA/BS#: 100001093856 0060 (Fund Type - OTHER)					
700120	R425	PR 1300585293 ACRN AP (PWS tasks 3.6, 3.7) DOC: HT0003512349 NWA/BS#: 100001090127 0060 (Fund Type - OTHER)					
700121	R425	PR 1300585293 ACRN AR (PWS tasks 3.8.2) Doc: HT0003613773 NWA/BS#: 100001094073 0060 (Fund Type					

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 3 of 107	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		- OTHER)					
700122	R425	PR 1300585293 ACRN AJ (PWS tasks 3.4) Doc: HT0003512377 NWA/BS#: 100001091456 0060 (Fund Type - OTHER)					
700123	R425	PR 1300585293 ACRN AQ (PWS tasks 3.2, 3.3) Doc: HT0003512399 NWA/BS#: 100001095051 0060 (Fund Type - OTHER)					
700124	R425	PR 1300585293 ACRN AL (PWS tasks 3.2, 3.3, 3.4, 3.5) Doc: HT0003512402 NWA/BS#: 100001091548 0060 (Fund Type - OTHER)					
700125	R425	PR 1300585293 ACRN AG (PWS tasks 3.5) Doc: HT0003512351 NWA/BS#: 100001091357 0060 (Fund Type - OTHER)					
700126	R425	PR 1300585293 ACRN AV (PWS tasks 3.5) Doc: HT0003614387 NWA/BS#: 100001091360 0060 (Fund Type - OTHER)					
7002	R425	Defense Health Cyber Infrastructure and Application Engineering (Fund Type - TBD)	1.0	LO			
700201	R425	Funding (Fund Type - OTHER)					
700202	R425	Funding (Fund Type - OTHER)					
700203	R425	Funding (Fund Type - OTHER)					
700204	R425	Funding (Fund Type - OTHER)					
700205	R425	Funding (Fund Type - OTHER)					
700206	R425	Funding (Fund Type - OTHER)					
700207	R425	Funding (Fund Type - OTHER)					
700208	R425	Funding (Fund Type - OTHER)					
700209	R425	Funding (Fund Type - OTHER)					
700210	R425	Funding (Fund Type - OTHER)					
700211	R425	Incremental Funding ACRN: BJ PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700212	R425	Incremental Funding ACRN: BK PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700213	R425	Incremental Funding ACRN: BL PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 4 of 107	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700214	R425	Incremental Funding ACRN: BM PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700215	R425	Incremental Funding ACRN:BN PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700216	R425	Incremental Funding ACRN:BP PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700217	R425	Incremental Funding ACRN:BQ PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700218	R425	Incremental Funding ACRN:BR PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700219	R425	Incremental Funding ACRN:AV PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700220	R425	Incremental Funding ACRN:AX PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700221	R425	Incremental Funding ACRN:BA PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700222	R425	Incremental Funding ACRN:BS PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700223	R425	Incremental Funding ACRN:AY PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700224	R425	Incremental Funding ACRN:BB PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700225	R425	Incremental Funding ACRN:AW PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700226	R425	Incremental Funding ACRN:AM PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)					
700227	R425	Incremental Funding ACRN:BU PR 1300611382 Exp: 9/30/2017 (Fund Type - OTHER)					
700228	R425	Incremental Funding ACRN:BU PR 1300611382 Exp: 9/30/2017 (Fund Type - OTHER)					
700229	R425	Incremental Funding ACRN:BV PR 1300611382 Exp: 9/30/2017 (Fund Type - OTHER)					

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 5 of 107	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700230	R425	Incremental Funding ACRN:BW PR 1300611382 Exp: 9/30/2017 (Fund Type - OTHER)					
700231	R425	Incremental Funding ACRN:BX PR 1300611382 Exp: 9/30/2017 (Fund Type - OTHER)					
700232	R425	Incremental Funding ACRN:BY PR 1300611382 Exp: 9/30/2017 (Fund Type - OTHER)					
700233	R425	ACRN BZ: Labor for PWS - Tasks 3.2, 3.3, 3.4, 3.5 PR 1300624220 FUNDING DOC: HT0003614720 NWA/BS: 100001199733 0060 FUNDS EXP: 9/30/2017 (Fund Type - OTHER)					
700234	R425	ACRN CA: Labor for PWS - Tasks 3.2, 3.3 PR 1300624220 FUNDING DOC: HT0003614717 NWA/BS: 100001199738 0060 FUNDS EXP: 9/30/2017 (Fund Type - OTHER)					
700235	R425	ACRN CB: Labor for PWS - Task 3.8.1 PR 1300624220 FUNDING DOC: HT0003614758 NWA/BS: 100001199792 0060 FUNDS EXP: 9/30/2017 (Fund Type - OTHER)					
700236	R425	ACRN CB: Labor for PWS - Task 3.5 PR 1300624220 FUNDING DOC: HT0003614758 NWA/BS: 100001199792 0060 FUNDS EXP: 9/30/2017 (Fund Type - OTHER)					
700237	R425	ACRN CC: Labor for PWS - Tasks 3.6, 3.7 PR 1300624220 FUNDING DOC: HT0003614712 NWA/BS: 100001198980 0060 FUNDS EXP: 9/30/2017 (Fund Type - OTHER)					
700238	R425	ACRN CD: Labor for PWS - Task 3.5 PR 1300624220 FUNDING DOC: HT0003614714 NWA/BS: 100001199625 0060 FUNDS EXP: 9/30/2017 (Fund Type - OTHER)					
700239	R425	ACRN CE: Labor for PWS - Task 3.4 PR 1300624220 FUNDING DOC: HT0003614753 NWA/BS: 100001199728 0060 FUNDS EXP: 9/30/2017 (Fund Type - OTHER)					
700240	R425	ACRN CF: Labor for PWS - Task 3.7 PR 1300624220 FUNDING DOC: HT0003715707 NWA/BS: 100001226249 0040 FUNDS EXP: 9/30/2017 (Fund Type - OTHER)					

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 6 of 107	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700241	R425	ACRN CH: Labor for PWS 3.8.2 PR 1300630565 NWA 100001201136 0011 HT0003615386 Exp: 9/30/2017 (Fund Type - OTHER)					
700242	R425	ACRN CC Labor for PWS 3.6 and 3.7 PR 1300645556-0001 NWA 100001198980 0060 HT0003614712 Exp: 09/30/2017 (Fund Type - OTHER)					
700243	R425	ACRN CK Labor for PWS 3.4 PR 1300645556-0001 NWA 100001199730 0060 HT0003717186 Exp: 09/30/2017 (Fund Type - OTHER)					
700244	R425	ACRN CL Labor for PWS 3.2, 3.3, 3.4, and 3.5 PR 1300645556-0001 NWA 100001199735 0060 HT0003717189 Exp: 09/30/2017 (Fund Type - OTHER)					
700245	R425	ACRN CK Labor for PWS 3.5 PR 1300645556-0001 NWA 100001199629 0060 HT0003717221 Exp: 09/30/2017 (Fund Type - OTHER)					
700246	R425	ACRN CD Labor for PWS 3.5 PR 1300645556-0001 NWA 100001199625 0060 HT0003614714 Exp: 09/30/2017 (Fund Type - OTHER)					
700247	R425	Med-COI Deployment (Fund Type - TBD)					
700248	R425	DHMSM: Lee Summit Equipment (CSSP)_DC (Fund Type - TBD)					
700249	R425	Med-COI Infrastructure Migration Support (Fund Type - TBD)					
700250	R425	MHSV (CIM) Deployment support (Fund Type - TBD)					
700251	R425	MESOC Hosting Labor Support- SPAWAR (Fund Type - TBD)					
700252	R425	Boundary Services Network Operations (I-NOSC) Support (Fund Type - TBD)					
7003	R425	Defense Health Cyber Infrastructure and Application Engineering (Fund Type - TBD)	1.0	LO			
700301	R425	ACRN: CW PR: 1300662650 Funding Doc: HT0003717884					

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 7 of 107	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		(Fund Type - TBD)					
700302	R425	ACRN: CX PR: 1300662650 Funding Doc: HT0003717927 (Fund Type - TBD)					
700303	R425	ACRN: CY PR: 1300662650 Funding Doc: HT0003614758 (Fund Type - TBD)					
700304	R425	ACRN: CT PR: 1300662650 Funding Doc: HT0003614717 (Fund Type - TBD)					
700305	R425	ACRN: CZ PR: 1300662650 Funding Doc: HT0003717677 (Fund Type - TBD)					
700306	R425	ACRN: DA PR: 1300662650 Funding Doc: HT0003717679 (Fund Type - TBD)					
700307	R425	ACRN: CR PR: 1300662650 Funding Doc: HT0003717680 (Fund Type - TBD)					
700308	R425	ACRN: DB PR: 1300662650 Funding Doc: HT0003717681 (Fund Type - TBD)					
700309	R425	ACRN: DC PR: 1300662650 Funding Doc: HT0003717189 (Fund Type - TBD)					
700310	R425	ACRN: DD PR: 1300662650 Funding Doc: HT0003717800 (Fund Type - TBD)					
700311	R425	ACRN: DE PR: 1300662650 Funding Doc: HT0003614714 (Fund Type - TBD)					
700312	R425	ACRN: DF PR: 1300662650 Funding Doc: HT0003614712 (Fund Type - TBD)					
700313	R425	ACRN: DG PR: 1300662650 Funding Doc: HT0003717935 (Fund Type - TBD)					
700314	R425	ACRN: DH PR: 1300662650 Funding Doc: HT0003717974 (Fund Type - TBD)					
700315	R425	ACRN: DJ PR: 1300662650 Funding Doc: HT0003716763 (Fund Type - TBD)					
700316	R425	ACRN: DK PR: 1300680551 Funding Doc: HT0003718154 (Fund Type - TBD)					
700317	R425	ACRN: DL PR: 1300680551 Funding Doc: HT0003718152 (Fund Type - TBD)					

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 8 of 107	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
700318	R425	ACRN: DM PR: 1300680551 Funding Doc: HT0003718679 (Fund Type - TBD)					
700319	R425	ACRN: DN PR: 1300680551 Funding Doc: HT0003718148 (Fund Type - TBD)					
700320	R425	ACRN: DP PR: 1300680551 Funding Doc: HT0003718159 (Fund Type - TBD)					
700321	R425	ACRN: DQ PR: 1300680551 Funding Doc: HT0003718146 (Fund Type - TBD)					
700322	R425	ACRN DS: Labor for PWS - Para 3.6, 3.7 PR 1300695671 FUNDING DOC: HT0003718146 NWA: 100001307721 0060 PSC: D310 FUNDS EXP: 9/30/2018 (Fund Type - TBD)					
700323	R425	ACRN DT: Labor for PWS - Para 3.2, 3.3 PR 1300695671 FUNDING DOC: HT0003718148 NWA: 100001308319 0060 PSC: D310 FUNDS EXP: 9/30/2018 (Fund Type - TBD)					
700324	R425	ACRN DU: Labor for PWS - Para 3.5 PR 1300695671 FUNDING DOC: HT0003718679 NWA: 100001307735 0060 PSC: D310 FUNDS EXP: 9/30/2018 (Fund Type - TBD)					
700325	R425	ACRN DV: Labor for PWS - Para 3.5 PR 1300695671 FUNDING DOC: HT0003819489 NWA: 100001307727 0060 PSC: D310 FUNDS EXP: 9/30/2018 (Fund Type - TBD)					
700326	R425	ACRN DW: Labor for PWS - Para 3.5 PR 1300695671 FUNDING DOC: HT0003718154 NWA: 100001307725 0060 PSC: D310 FUNDS EXP: 9/30/2018 (Fund Type - TBD)					
700327	R425	ACRN DX: Labor for PWS - Para 3.2, 3.3, 3.4, 3.5 PR 1300695671 FUNDING DOC: HT0003819288 NWA: 100001308313 0060 PSC: D310 FUNDS EXP: 9/30/2018 (Fund Type - TBD)					
7004	R425	Defense Health Cyber Infrastructure and Application Engineering (Fund Type - TBD)	1.0	LO			

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 9 of 107	FINAL
----------------------------------	---	----------------------------------	------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost	Fixed Fee	CPFF
		Option					
7005	R425	Defense Health Cyber Infrastructure and Application Engineering (Fund Type - TBD)	1.0	LO			
		Option					
7101	R425	Defense Health Cyber Infrastructure and Application Engineering (OPN)	1.0	LO			
710101	R425	ACRN AS - Labor for PWS-Subtask 3.8 PR 1300570218 FUNDING DOC: HT0003613271 FUNDS EXP - 9/30/2016 NWA/BS: 100001156038 0060 (OPN)					
710102	R425	ACRN AT - Labor for PWS-Subtask 3.8 PR 1300570218 FUNDING DOC: HT0003613272 FUNDS EXP - 9/30/2016 NWA/BS: 100001156039 0060 (OPN)					
7102	R425	Defense Health Cyber Infrastructure and Application Engineering (OPN)	1.0	LO			
710201	R425	Funding (Fund Type - OTHER)					
710202	R425	ACRN: BT - Incr. Funding PR: 1300607367 CIN: 130060736700002 NWA/BS: 100001156040 Funding Doc: HT0003615230 Type: DC-Dir Appropriation: OP PSC: R406 (Fund Type - OTHER)					
7103	R425	Defense Health Cyber Infrastructure and Application Engineering (OPN)	1.0	LO			
7104	R425	Defense Health Cyber Infrastructure and Application Engineering (OPN)	1.0	LO			
		Option					
7105	R425	Defense Health Cyber Infrastructure and Application Engineering (OPN)	1.0	LO			
		Option					
7202	R425	Defense Health Cyber Infrastructure and Application Engineering (RDT&E)	1.0	LO			
720201	R425	ACRN CG: Labor for PWS - Task 3.7 PR 1300624220 FUNDING DOC: HT0003715840 NWA/BS: 100001233992 0040 FUNDS EXP: 9/30/2017 (RDT&E)					

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 10 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

For ODC Items:

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
9001	R425	ODC in support of CLIN 7001 (Fund Type - TBD)	1.0	LO	
900101	R425	ACRN AH ODCs - PR 1300553276 FUNDING DOC: HT0003512399 FUNDS EXP - 9/30/2016 NWA/BS: 100001095051 0060 (Fund Type - OTHER)			
900102	R425	ACRN AJ ODCs - PR 1300553276 FUNDING DOC: HT0003512377 FUNDS EXP - 9/30/2016 NWA/BS: 100001091456 0060 (Fund Type - OTHER)			
900103	R425	ACRN AK ODCs - PR 1300553276 FUNDING DOC: HT0003512383 FUNDS EXP - 9/30/2016 NWA/BS: 100001094141 (Fund Type - OTHER)			
900104	R425	ACRN AL ODCs - PR 1300553276 FUNDING DOC: HT0003512402 FUNDS EXP - 9/30/2016 NWA/BS: 100001091548 0060 (Fund Type - OTHER)			
900105	R425	ACRN AM ODCs - PR 1300563590 FUNDING DOC: HT0003613526 FUNDS EXP - 9/30/2016 NWA/BS: 100001153761 0040 (Fund Type - TBD)			
900106	R425	ACRN AK ODCs - Subtask 3.8.1 PR 1300570218 FUNDING DOC: HT0003512383 FUNDS EXP - 9/30/2016 NWA/BS: 100001094141 0060 (O&MN,N)			
900107	R425	ACRN AJ ODCs - Subtask 3.4 PR 1300570218 FUNDING DOC: HT0003512377 FUNDS EXP - 9/30/2016 NWA/BS: 10001091456 0060 (O&MN,N)			
900108	R425	ACRN AL ODCs - Subtask 3.2, 3.3, 3.4, 3.5 PR 1300570218 FUNDING DOC: HT0003512402 FUNDS EXP - 9/30/2016 NWA/BS: 100001091548 0060 (O&MN,N)			
900109	R425	ACRN AG ODCs - Subtask 3.5 PR 1300570218 FUNDING DOC: HT0003512351 FUNDS EXP - 9/30/2016 NWA/BS: 100001091357 0060 (O&MN,N)			
900110	R425	ACRN AR ODCs - Subtask 3.8.2 PR 1300570218 FUNDING DOC: HT0003613773 FUNDS EXP - 9/30/2016 NWA/BS: 100001094073 0060 (O&MN,N)			
900111	R425	PR 1300585293 ACRN AP (PWS tasks 3.6, 3.7 ODCs) Doc: HT0003512349 NWA/BS#: 100001090127 0060 (Fund Type - OTHER)			
900112	R425	PR 1300585293 ACRN AR (PWS tasks 3.8.2 ODCs) Doc: HT0003613773 NWA/BS#: 100001094073 0060 (Fund Type - OTHER)			
9002	R425	ODC in support of CLIN 7002 (Fund Type - TBD)	1.0	LO	
900201	R425	Funding (Fund Type - OTHER)			
900202	R425	Funding (Fund Type - OTHER)			
900203	R425	Funding (Fund Type - OTHER)			
900204	R425	Funding (Fund Type - OTHER)			
900205	R425	Funding (Fund Type - OTHER)			

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 11 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
900206	R425	Funding (Fund Type - OTHER)			
900207	R425	Funding (Fund Type - OTHER)			
900208	R425	Incremental Funding ACRN:BK PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)			
900209	R425	Incremental Funding ACRN:BP PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)			
900210	R425	Incremental Funding ACRN:AX PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)			
900211	R425	Incremental Funding ACRN:BA PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)			
900212	R425	Incremental Funding ACRN:AY PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)			
900213	R425	Incremental Funding ACRN:AM PR 1300589380 Exp: 9/30/2016 (Fund Type - OTHER)			
900214	R425	Incremental Funding ACRN:BU PR 1300611382 Exp: 9/30/2017 (Fund Type - OTHER)			
900215	R425	Incremental Funding ACRN:BY PR 1300611382 Exp: 9/30/2017 (Fund Type - OTHER)			
900216	R425	ACRN BZ: Funding for ODCs PR 1300624220 (Fund Type - TBD)			
900217	R425	ACRN CA: Funding for ODCs PR 1300624220 (Fund Type - TBD)			
900218	R425	ACRN CB: Funding for ODCs PR 1300624220 (Fund Type - TBD)			
900219	R425	ACRN CC: Funding for ODCs PR 1300624220 (Fund Type - TBD)			
900220	R425	ACRN CD: Funding for ODCs PR 1300624220 (Fund Type - TBD)			
900221	R425	ACRN CE: Funding for ODCs PR 1300624220 (Fund Type - TBD)			
900222	R425	ACRN CF: Funding for ODCs PR 1300624220 (Fund Type - TBD)			
900223	R425	ACRN CJ: ODCs for PWS 3.8.2 PR 1300630565 NWA 100001201136 0011 HT0003615386 Exp: 9/30/2017 (Fund Type - OTHER)			
900224	R425	ACRN CC ODCs for PWS 3.6 and 3.7 PR 1300645556-0001 NWA 100001198980 0060 HT0003614712 Exp: 09/30/2017 (Fund Type - OTHER)			
900225	R425	ACRN CL ODCs for PWS 3.2, 3.3, 3.4, and 3.5 PR 1300645556-0001 NWA 100001199735 0060 HT0003717189 Exp: 09/30/2017 (Fund Type - OTHER)			
900226	R425	ACRN CD ODCs for PWS 3.5 PR 1300645556-0001 NWA 100001199625 0060 HT0003614714 Exp: 09/30/2017 (Fund Type - OTHER)			
900227	R425	ACRN CK ODCs for PWS 3.4 PR 1300645556-0001 NWA 100001199730 0060 HT0003717186 Exp: 09/30/2017 (Fund Type - OTHER)			
900228	R425	Med-COI Deployment (Fund Type - TBD)			
900229	R425	Network Design and Engineering support (Fund Type - TBD)			
900230	R425	CSSP, CND, Red Team, IA and C&A Support (Fund Type - TBD)			

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 12 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Item	PSC	Supplies/Services	Qty	Unit	Est. Cost
900231	R425	Boundary Services Network Operations (I-NOSC) Support (Fund Type - TBD)			
900232	R425	Network Security Operations support (Fund Type - TBD)			
9003	R425	ODC in support of CLIN 7003 (Fund Type - TBD)	1.0	LO	
900301	R425	ACRN: CW PR: 1300662650 Funding Doc:HT0003717884 (Fund Type - TBD)			
900302	R425	ACRN: DC PR: 1300662650 Funding Doc:HT0003717189 (Fund Type - TBD)			
900303	R425	ACRN: CT PR: 1300662650 Funding Doc:HT0003614717 (Fund Type - TBD)			
900304	R425	ACRN: CY PR: 1300662650 Funding Doc:HT0003614758 (Fund Type - TBD)			
900305	R425	ACRN: DE PR: 1300662650 Funding Doc:HT0003614714 (Fund Type - TBD)			
900306	R425	ACRN: DF PR: 1300662650 Funding Doc:HT0003614712 (Fund Type - TBD)			
900307	R425	ACRN: DG PR: 1300662650 Funding Doc:HT0003717935 (Fund Type - TBD)			
900308	R425	ACRN: DH PR: 1300662650 Funding Doc:HT0003717974 (Fund Type - TBD)			
900309	R425	ACRN: DR PR: 1300680551 Funding Doc: HT0003718159 (Fund Type - TBD)			
9004	R425	ODC in support of CLIN 7004 (Fund Type - TBD) Option	1.0	LO	
9005	R425	ODC in support of CLIN 7005 (Fund Type - TBD) Option	1.0	LO	
9102	R425	ODC in support of CLIN 7002 (OPN) Option	1.0	LO	
9103	R425	ODC in support of CLIN 7003 (OPN)	1.0	LO	
9104	R425	ODC in support of CLIN 7004 (OPN) Option	1.0	LO	
9105	R425	ODC in support of CLIN 7005 (OPN) Option	1.0	LO	
9202	R425	ODC in support of CLIN 7202 (RDT&E)	1.0	LO	
920201	R425	ACRN CG: Funding for ODCs PR 1300624220 (RDT&E)			

THIS IS A COST PLUS FIXED FEE, LEVEL OF EFFORT TYPE ORDER.

The number of hours estimated for this LOE tasking has decreased by from hours to hours.

Option Year	Hours
Base Year	

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 13 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

OY1	
OY2	
OY3	
OY4	
TOTAL	

In performing the requirements of this order, the contractor may use any combination of hours from the labor categories approved at the basic contract level, so long as the estimated total cost and the funded amount to date for the order is not exceeded and the total number of hours provided does not exceed the estimated number of hours by more than 5%.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 14 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

SECTION C DESCRIPTIONS AND SPECIFICATIONS

This document provides funding for a severable service contract that crosses fiscal years in compliance with 10 U.S. Code 2410 (a). Therefore, this period of performance may not exceed 25 September 2018.

SECTION C – DESCRIPTION/SPECS/WORK STATEMENT

SPECIFICATIONS/STATEMENT OF WORK/PERFORMANCE WORK STATEMENT

Revision dated 24 October 2017

Work under this performance-based contract shall be performed in accordance with the following description/ specifications/ statement of work (SOW) which herein shall be referred to as Performance Work Statement (PWS):

1.0 PURPOSE

1.1 BACKGROUND

Space and Naval Warfare Command (SPAWARSYSCOM) is an Echelon II organization whose mission is to invent, acquire, develop, deliver and support integrated and interoperable C4ISR, Business Information Technology (IT) and Space capabilities in the interest of national defense. As an Echelon III command under SPAWARSYSCOM, Space and Naval Warfare Systems Center, Atlantic (SPAWARSYSCEN Atlantic's) supports the command mission by providing support capabilities for Department of Defense (DoD), Joint, Coalition, and other federal government agencies. The work to be performed under this TO is focused on SPAWARSYSCEN Atlantic's C4ISR capabilities specific to Business and Health Information Technology (IT) engineering support.

SPAWARSYSCEN Atlantic's IT products and systems engineering capabilities enable the Navy's Bureau of Medicine and Surgery (BUMED), the Navy Medicine Information Systems Support Activity (NA/MISSA), the Air Force Medical Operations Agency (AFMOA) the Air Force Medical Service, (AFMS) as well as United States Army Medical Command (MEDCOM), the United States Army Medical Technology Center (USAMITC) and the Defense Health Agency (DHA) to design, deploy, integrate, secure and sustain Health information technology (Health IT) solutions and systems in an integrated environment that interface and communicate jointly that supports the delivery of healthcare worldwide for the DoD's sailors, airmen, soldiers and their dependents.

SPAWARSYSCEN Atlantic's Health IT engineering support delivered to the DoD's Military Health System (MHS) and executed by the Defense Health Agency (DHA), keeps our most important weapon system, the "Human Weapon System," our military active duty and reserve servicemen and women, "medical ready" and "healthy" in order to defend the United States of America.

The DHA as a combat support agency (CSA) combined with the medical departments (Navy, Army, AF Medicine) are chartered by DoD to oversee and implement "standard," "integrated," and "inter- operable," Information Technology solutions in order to support the delivery of healthcare at Military Treatment Facilities (Hospitals and Clinics) and Medical Support Commands worldwide.

To ensure and meet the DoD's directives and objectives that Health IT solutions and operations be standard, integrated, and inter-operable throughout the MHS, the DHA was stood up October 1st 2013 to assume responsible of the delivery of IT to the Medical Services. The DHA will transition over the next several years IT programs and assume execution responsibility. Today, and until full transition and full operating capability is achieved, the DHA funds Health IT initiatives directly within the DHA organization, as well as funds each Medical Service to execute IT programs.

SPAWARSYSCEN Atlantic receives tasking and funding from DHA and the three Medical Service Department's for its engineering services support today, and this PWS will support tasking and funding from Navy Medicine as well as funding from the other medical services and DHA to ensure Navy and DHA IT architectures, products and solutions are integrated and inter-operable to meet DoD, Navy, DHA, and Defense Healthcare Management System Modernization (DHMSM) and the Defense Medical Information Exchange (DMIX) directives.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 15 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

1.2 SCOPE

This performance work statement (PWS) will provide worldwide enterprise Health IT engineering support in the areas of system engineering, systems administration, enterprise network, network security, infrastructure engineering, infrastructure modernization, IT systems, systems deployment and integration, as well as information assurance and system support services for Navy Medicine, the DHA, Healthcare Management System Modernization Program Office (DHMSM), Defense Medical Information Exchange Program Office (DMIX) other DoD Medical departments (AF Medicine and Army Medicine) that require connectivity and integration into the Military Health System Intranet and the Medical Community of Interest network that Navy Medicine and DHA own and operate.

This TO supports BUMED and NAVMISSAs Health IT initiatives and will meet a requirement that Enterprise and MTF Health IT systems implemented in Navy Medicine and DHA be interoperable and integrated. Navy Medicine, Air Force Medicine and Army Medicine Health IT solutions are being consolidated and integrated, and while operating independently in specific MTF's and regions of the world, the IT solutions must be standardized and interchangeable, and integrate with each other. This TO supports both this integration as well support the specific engineering required to deliver each task within this PWS for Navy Medicine as well as the other DoD medical departments and DHA.

The contractor shall provide engineering support in the areas of system engineering, enterprise network, network security, infrastructure engineering, cyber security, platform infrastructure engineering, systems testing, systems integration, as well as information assurance for Navy Medicine, the DHA, DHMSM, DMIX and other DoD Medical departments that require connectivity and integration into the Military Health System Intranet (MHSi) and the Medical Community of Interest network (MEDCOI) in order to support current and future EHR capabilities. An in-depth understanding of the Defense Health Agency and Navy Medicine enterprise systems architecture, network, security, and accreditation architecture is required in order to execute the tasking in this PWS. An in depth knowledge and experience also must include technology implementations, operations and lifecycle support within the Navy Medicine Enterprise and the DHA.

The tasking set forth below is intended to encompass the full operating lifecycle networks, network/application services and the health care applications they support. It includes from inception to operations network protection architecture, design, integration/deployment, operation and active network defense (computer network defense). Active network defense is supplemented by external assessment known as red teaming which identifies critical gaps and vulnerabilities which are used as feedback to the architect/design/deploy/operate/defend lifecycle. Support for the network itself is not enough as the critical assets it is built to support are the health care applications and their supporting computing services such as directory services. All of these items critically tie together for delivery of functional applications on a secure network.

2.0 APPLICABLE DOCUMENTS (AND DEFINITIONS)

All work shall be accomplished using the best commercial practices and current acceptable industry standards.

In accordance with Defense Acquisition Policy changes, maximum utilization of

non-government standards will be made wherever practical. Where backward compatibility with existing systems is required, selected interoperability standards will be invoked. For purposes of bidding, the following documents are not exclusive; however, all contractors shall be able to meet those cited.

2.1 REQUIRED DOCUMENTS

The following instructional documents are mandatory for use. Unless otherwise specified, the document's effective date of issue is the date on the request for proposal.

	Document Number	Title
a.	DoD 5220.22-M	DoD Manual – National Industrial Security Program Operating Manual (NISPOM)
b.	DoDI 5220.22	DoD Instruction – National Industrial Security Program

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 16 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

c.	DoD 5200.2-R	DoD Regulation – Personnel Security Program
d.	DoDD 5205.02E	DoD Directive – Operations Security (OPSEC) Program dtd 20 Jun 12
e.	DoD 5205.02-M	DoD Manual – Operations Security (OPSEC) Program Manual dtd 3 Nov 08
f.	DoDD 8500.1	DoD Directive – Information Assurance
g.	DoDI 6205.4	Department of Defense Instruction, Immunization of Other Than U.S. Forces (OTUSF) for Biological Warfare Defense
h.	DoDI 8500.2	DoD Instruction – Information Assurance (IA) Implementation
i.	DoDI 8510.01	DoD Information Assurance Certification and Accreditation Process, 28 Nov 07
j.	DoDD 8570.01	DoD Directive – Information Assurance Training, Certification, and Workforce Management
k.	DoD 8570.01-M (to be updated to DoD 8140)	Information Assurance Workforce Improvement Program (Information Resource Management, Knowledge/Skills-Based Workforce)
l.	SECNAVINST 4440.34	Secretary of the Navy Instruction – Implementation of Item Unique Identification within the DoN, dtd 22 Dec 09
m.	SECNAVINST 5239.3B	DoN Information Assurance Policy, 17 Jun 09
n.	SECNAVINST 5510.30	DoN Regulation – Personnel Security Program
o.	SPAWARINST 3432.1	SPAWAR Instruction – Operations Security (OPSEC) Policy dtd 2 Feb 05
p.	SPAWARINST 4440.12	Management of Operating Materials and Supplies (OM&S), Government Furnished Property (GFP), Contractor Acquired Property (CAP), Property, Plant and Equipment (PP&E), and Inventory
q.	SPAWARINST 5721.1B	SPAWAR Section 508 Implementation Policy, 17 Nov 09

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 17 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

r.	NA/SUP P-723	Navy Inventory Integrity Procedures, April 2012
s.	NIST SP 800-Series	National Institute of Standards and Technology Special Publications 800 Series – Computer Security Policies, Procedures, and Guidelines
t.	COMUSFLTFORCOM/COMPACFLTINST 6320.3A	Commander US Fleet Forces Command/Commander US Pacific Fleet Instruction, Medical Screening For US Govt Civilian Employees, Contractor Personnel, and Guests prior to embarking Fleet Units, of 7 May 13
u.	DoD 5205.02-M	DoD Manual – Operations Security (OPSEC) Program Manual dtd 3 Nov 08
v.	DoD 5220.22-M	DoD Manual – National Industry Security Program Operating Manual (NISPOM)
w.	DoD 5200.2-R	DoD Regulation – Personnel Security Program
x.	DoDD 5205.02E	DoD Directive – Operations Security (OPSEC) Program dtd 20 Jun 12
y.	DoDD 5220.22	DoD Directive – National Industrial Security Program
z.	DoDD 8500.1	DoD Directive – Information Assurance
aa.	DoDI 8500.2	DoD Instruction – Information Assurance (IA) Implementation
bb.	SECNA/INST 5510.30	DoN Regulation – Personnel Security Program
cc.	SPAWARINST 3432.1	SPAWAR Instruction – Operations Security (OPSEC) Policy dtd 2 Feb 05
dd.	CJCSM 6510.03	Department of Defense Cyber Red Team Certification and Accreditation, dated 2/28/2013
ee.	CJCSM 6510.01B	DoD Cyber Incident Handling Program, dated 7/10/2012
ff.	DoDI O-8530.2	Support to Computer Network Defense (CND), dated 3/9/2001
gg.	NIST SP 800-Series	National Institute of Standards and Technology Special Publications 800 Series – Computer Security Policies, Procedures, and Guidelines

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 18 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

2.2

GUIDANCE DOCUMENTS

The following documents are to be used as guidance. Unless otherwise specified, the document's effective date of issue is the date on the request for proposal.

	Document Number	Title
a.	MIL-HDBK-61A	Configuration Management
b.	MIL-STD-130N	DoD Standard Practice – Identification Marking of US Military Property
c.	MIL-STD-881C	Work Breakdown Structure for Defense Materiel Items
d.	MIL-STD-1916	DoD Test Method Standard – DoD Preferred Methods for Acceptance Of Product
e.	DoDI 3020.41	DoD Instruction – Operational Contract Support (OCS), of 20 Dec 10
f.	DoDI 4161.02	DoD Instruction – Accountability and Management of Government Contract Property, Apr 27,2012
g.	DoDD 5000.01	DoD Directive – The Defense Acquisition System
h.	DoDI 5000.02	DoD Instruction – Operation of the Defense Acquisition System
i.	ISO 9001 (ANSI/ASQ Q9001)	International Organization for Standardization (American National Standard Institute/American Society for Quality) – Quality Management Systems, Requirements
j.	ISO/IEC 12207	International Organization for Standardization/ International Electrotechnical Commission: Systems and Software Engineering – Software Life Cycle Processes
i.	ISO/IEC 15288	International Organization for Standardization/ International Electrotechnical Commission: Systems and Software Engineering – System Life Cycle Processes
j.	IEEE Std 12207-2008	Systems and Software Engineering – Software Life Cycle Processes
k.	ANSI/EIA-748A	American National Standards Institute/Electronic Industries Alliance Standard – Earned Value Management (EVM) Systems

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 19 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

l.	HSPD-12	Homeland Security Presidential Directive – Policy for a Common Identification Standard for Federal Employees and Contractors, August 27, 2004
m.	DTM-08-003	Directive-Type Memorandum 08-003 – Next Generation Common Access Card (CAC) Implementation Guidance, December 1, 2008
n.	FIPS PUB 201-1	Federal Information Processing Standards Publication 201-1 – Personal Identity Verification (PIV) of Federal Employees and Contractors, March 2006
o.	Form I-9, OMB No. 115-0136	US Department of Justice, Immigration and Naturalization Services, Form I-9, OMB No. 115-0136 – Employment Eligibility Verification
p.	N/A	SSC Atlantic Contractor Checkin portal – https://wiki.spawar.navy.mil/confluence/display/SSCACOG/Contractor+Checkin
q.	[N/A]	SSC Atlantic OCONUS Travel Guide portal – https://wiki.spawar.navy.mil/confluence/display/SSCACOG/OCONUS+Travel+Guide
r.	SPAWARSYSCENLANTINST 12910.1A	Deployment of Personnel and Contractor employees to Specific Mission Destinations, 28 Dec 09
s.	N/A	SSC Atlantic Contractor Checkin portal – https://wiki.spawar.navy.mil/confluence/display/SSCACOG/Contractor+Checkin
t.	HSPD-12	Homeland Security Presidential Directive – Policy for a Common Identification Standard for Federal Employees and Contractors, August 27, 2004
u.	DTM-08-003	Directive-Type Memorandum 08-003 – Next Generation Common Access Card (CAC) Implementation Guidance, December 1, 2008
v.	FIPS PUB 201-1	Federal Information Processing Standards Publication 201-1 – Personal Identity Verification (PIV) of Federal Employees and Contractors, March 2006
w.	Form I-9, OMB No. 115-0136	US Department of Justice, Immigration and Naturalization Services, Form I-9, OMB No. 115-0136 – Employment Eligibility Verification

2.3 SOURCE OF DOCUMENTS

The contractor shall obtain all applicable documents. Specifications and commercial/industrial documents may be obtained from the following sources:

Copies of Federal Specifications may be obtained from General Services Administration Offices in Washington, DC, Seattle, San Francisco, Denver, Kansas City, MO., Chicago, Atlanta, New York, Boston, Dallas and Los Angeles.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 20 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Copies of military specifications may be obtained from the Commanding Officer, Naval Supply Depot, 3801 Tabor Avenue, Philadelphia, PA 19120-5099. Application for copies of other Military Documents should be addressed to Commanding Officer, Naval Publications and Forms Center, 5801 Tabor Ave., Philadelphia, PA 19120-5099.

All other commercial and industrial documents can be obtained through the respective organization's website.

3.0 PERFORMANCE REQUIREMENTS

The following paragraphs list all required support tasks that shall be required throughout the contract life. The contractor shall provide necessary resources and knowledge to support the listed tasks within 30 days of award.

The contractor shall complete all required tasks while controlling and tracking performance and goals in terms of costs, schedules, and resources.

In the performance of this work, the contractor shall be required to utilize a government provided XenClient computing platform image (<http://www.citrix.com/products/xenclient/how-it-works/specifications.html>).

In accordance with DoD 8570.01-M many of contractor personnel performing under this TO will require certification at one of the approved baseline certification levels. Certification level is specified for each relevant subtask below.

Contractor personnel shall obtain all appropriate certifications prior to beginning work under those sub-tasks.

Note: In compliance with SPAWARINST 4720.1A – SPAWAR Modernization and Installation Policy, all contract installation work performed aboard Navy ships and Navy shore sites is under Installation Management Office (IMO) supervision; otherwise, a formal exemption request has been approved. In accordance with the Fleet Readiness Directorate Standard Operating Procedure (FRD SOP), COMSPAWARSYSCOM letter Ser FRD/235 dated 24 Apr 12, the contractor shall, ensure proper notification and status updates of installation work performed outside of SSC Atlantic respective Areas of Responsibilities (AORs) are provided to the SPAWAR Officer in Charge (OIC) or applicable Geographic Lead.

1. PROGRAM MANAGEMENT SUPPORT

3.1.1 Program Management Planning Documentation Development

In support of SSC Atlantic Defense Health tasking the contractor shall provide program management services to include the creation of program management plans (PMP). The contractor shall develop all of the following sections of a program management plan:

Program Charters

**Change Management Plans Work Breakdown Structures Risk Management Plans
Roles and Responsibility matrices Scope Management Plans Statements of Work
Staffing Plans Communications Plans Quality Plans**

Additionally the contractor shall assist in the development of schedules and tracking associated with that to include cost and performance tracking. The contractor shall use Earned Value Management (EVM) for the purpose of tracking

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 21 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

cost, schedule and performance on projects. Additionally program support for recording technical meeting minutes and generation of meeting agendas will also be required. (CDRL A001)

CDRL #	Description	PWS Reference Paragraph
A001	Program Management Reports, General	#3.1.1

3.1.2 Program Affordability Management

In support of SSC Atlantic Defense Health tasking the contractor shall assist the government program manager in performing Program Affordability Management studies. The studies will identify, qualitatively characterize, and quantify program costs, benefits and risks. The contractor shall use a repeatable methodology for generating accurate estimates of costs, schedule, scope, and benefits which will increase the reliability of such estimates. Artifacts to assist in the process of determining program affordability will include:

- Analysis of Alternatives (AoA)
- Performance Based Logistics (PBL) Business Case Analysis (BCA) Economic (Cost/Benefit) Analysis
- Cost versus Capability Trade Studies
- Clinger-Cohen Act Compliance Assessments
- Post Deployment Assessments (Benefit Realization Studies)

The contractor shall also provide Program Affordability Management services which will assist the government in developing program budget formulation, budget execution tracking, and unfunded requirements processing in accordance with Financial Management Regulations and the DoD Planning, Programming, Budgeting & Execution System (PPBES). The contractor shall assist in the preparation Office of Management & Budget (OMB) E300 Exhibits, Acquisition Program Baselines, and related financial management documentation. (CDRL A001)

CDRL #	Description	PWS Reference Paragraph
A001	Program Management Reports, General	#3.1.2

3.1.3 Cost Estimation Services

As an important subset of overall program affordability management the contractor shall provide cost estimation services to assist SSC Atlantic in assessing program costs. The contractor shall assist the government in the development of risk-adjusted estimates of life cycle costs and benefits (or opportunity costs) that are then statistically combined to derive economic metrics such Return-

On-Investment (ROI), Benefit Cost Ratio, Payback Period, or Internal Rate of Return (IRR) using present value economic analysis techniques. These metrics will be included with strategic alignment, mission effectiveness, and other non-financial benefit criteria to complete a balanced scorecard evaluation of competing program alternatives. Analysis of alternatives will use the balanced scorecard methodology to support business process improvement initiatives as well as IT portfolio selection, oversight and governance. Analysis of alternatives or business case analysis will allow the SSC Atlantic to compare multiple projects not only on expected costs but also on benefits and business value.

The contractor shall use methodologies for Life Cycle Cost Estimation (LCCE), Life Cycle Benefit Estimation (LCBE), and Economic Analysis (EA) that have been formally reviewed and approved by the Office of the Secretary of Defense (OSD) Director, Cost Assessment & Program Evaluation (DCAPE, formerly Office of the Director, Program Analysis & Evaluation). (CDRL A001)

CDRL #	Description	PWS Reference Paragraph
A001	Program Management Reports, General	#3.1.3

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 22 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

3.1.4 Analysis of Alternatives (Planning, Alternatives Analysis, Reporting, Briefing)

The contractor shall conduct a thorough, detailed, and structured analysis of technical alternatives (AoA).

The AoA approach will include:

- A Review of functional and technical requirements and specifications
- Development of detailed evaluation criteria (cost, benefit, functional, technical, schedule) Established scoring and weighting methodologies
- Development of an AoA Plan
- Coordination and obtaining key stakeholder buy-in to evaluation criteria, scoring methods, weighting, and the overall plan.
- Conducting the structured analysis
- Generating a detailed report with recommendations, along with required technical and executive level briefings

The approach to be used will include generation of draft and final deliverables for Government review and approval; and engagement with key stakeholders to ensure consensus with both the process as well as the recommendations at the conclusion of the AoA. (CDRL A001)

CDRL #	Description	PWS Reference Paragraph
A001	Program Management Reports, General	#3.1.4

3.1.5 Trade studies (Technology Assessments and Insertion)

The contractor shall provide resources with a sound understanding of current technologies and technology trends, including systems hardware, software, systems architecture and design strategies, and key technologies of direct relevance and potential value to SSC Atlantic customers.

Combined with market research and an understanding of customer requirements, the contractor shall employ a structured, AoA-type approach when conducting trade studies and trade-off analyses in support of technology assessments, technology refresh initiatives, and the insertion of key technologies into an enterprise to realize a return on investment (ROI). (CDRL A001)

CDRL #	Description	PWS Reference Paragraph
A001	Program Management Reports, General	#3.1.5

3.2 INFRASTRUCTURE ARCHITECTURE DEVELOPMENT

3.2.1 Architecture, Design, and Senior Engineering Support

The contractor shall provide senior level enterprise architecture consulting services for program supporting Defense Health customers. This support is essential to the establishment of the Medical Community of Interest (Med COI) Network supporting the DHMS Electronic Healthcare Record (EHR). These services will include the development of DoD Architecture (DODAF) artifacts which will include:

All Viewpoint (A) Capability Viewpoints (CV)

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 23 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

**Data and Information Viewpoint (DIV) Operational Viewpoint (OV)
Project Viewpoint (PV) Services Viewpoint (SvcV) Standard Viewpoint (StdV) Systems Viewpoint (SV)**

Additionally the contractor shall provide network and network protection architectures that are compliant with all DoD Information Assurance (IA) requirements. The contractor shall support these designs/architectures through the DoD certification and accreditation process.

In addition to the development of network and network protection architectures, the contractor shall assist in the development of enterprise datacenter and server computing/service delivery (cloud computing) requirements documents and architecture designs. These requirements documents should leverage industry best practices and the architecture designs must be compliant with all DoD IA requirements.

In support of the integration of DoD networks in support of the EHR, the contractor shall leverage experience in each of these areas listed above to develop:

Requirements Documents

**Concepts of Operations (CONOPS) System specification and design documents System implementation plans
System sustainment plans (CDRL A002)**

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.2.1

3.2.2 IT Strategic Planning

The contractor shall provide support to senior strategic planning offices within DHA and DHMS. The contractor shall develop IT strategic plans that are mapped to organizational goals and objectives, and that track to capital planning and investment control (CPIC) processes for managing IT investment. This strategic and tactical planning approach must be fully compliant with Office of Management and Budget (OMB) guidelines and directives—and must also be linked into the overall, organizational EA and enterprise lifecycle management (ELM). (CDRL A002)

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.2.2

3.3 ADVANCED CYBER/INFRASTRUCTURE DESIGN AND TESTING

DoD 8570.01-M Category – IASAE II certification, with corresponding Operating System certification

3.3.1 Network Protection Infrastructure Design Efforts

The contractor shall apply a systems design approach to the directed efforts to ensure that the mission

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 24 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

objectives and criteria requirements of specified systems are fulfilled. Emphasis shall be on the demonstration of clear, definable and auditable duplication of performance, logistics supportability, reliability, and maintainability of the item, subsystems, and systems. The contractor shall also provide demonstration that system designs include consideration for future scalability and adaptability of all item, subsystems, and systems. The contractor shall provide the following support:

Provide Information Assurance (IA) and network engineering support during requirements discussions and definition and contribute to required project meetings as necessary.
Provide security requirements, design, installation and integration recommendations for network and other security systems as defined above.

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.3.1

3.3.2 Internet Protocol Version 6 (IPv6) Testing

The contractor shall assess each component submitted in a design, used in a lab environment or deployed for production use to determine IPv6 capability. The contractor shall follow the government provided IPv6 Test Plan to determine IPv6 capability. The contractor shall also provide COTS solutions that are IPv6 capable. An IPv6 capable system or product shall be capable of receiving, processing, transmitting and forwarding IPv6 packets and/or interfacing with other systems and protocols in a manner similar to that of IPv4. Specific criteria to be deemed IPv6 capable are devices in Conformance to the DoD Information Technology Standards Repository (DISR) developed DoD IPv6 Standards Profile. Systems being developed, procured or acquired shall comply with the Global Information Grid Architecture and DISR standard IPv6 Capable definition.

An IPv6 Capable system must meet the IPv6 base requirements defined in the "DoD IPv6 Standards Profile v3.0" dated June 13, 2008. IPv6 traffic throughput and load testing shall be performed with the government furnished BreakingPoint load tester. (CDRL A002)

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.3.2

3.3.3 Product Evaluations

The contractor shall assess various network protection and infrastructure products against a set of criteria provided by the government. This will include building candidate configurations, testing configurations to validate manufacturer performance and capabilities claims. Performance testing shall be conducted in the government lab utilizing the BreakingPoint load tester. At the completion of the testing, the contractor shall provide a report to the government detailing the results of the testing and a recommendation for product selection. (CDRL A002)

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.3.3

3.4 CYBER/INFRASTRUCTURE IMPLEMENTATION SUPPORT

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 25 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

3.4.1 Network Protection System Integration

DoD 8570.01-M Category – CND Infrastructure Support certification, IAT II certification, with corresponding Operating System certification

The contractor shall apply a systems design approach to the directed efforts to ensure that the mission objectives and criteria requirements of specified systems are fulfilled. Emphasis shall be on the demonstration of clear, definable and auditable duplication of performance, logistics supportability, reliability and maintainability of the item, subsystems, and systems. The contractor shall also provide demonstration that system designs include consideration for future scalability and adaptability of all item, subsystems, and systems. Preliminary, interim, final assessments, recommendations, and reports shall be delivered as a written technical report. The contractor shall:

Perform studies, analyze system and/or equipment performance and submit recommendations for development, upgrades, modifications, or alterations of hardware and/or software as appropriate to improve system operation and enhance security posture in the field environment.

Perform site surveys and deliver survey reports as required to support the installation of Network Infrastructure, Application and Security Systems.

Recreate scientifically within a laboratory environment an operational environment for local evaluation of field needs. This “modeled” environment may then be manipulated to determine improvements in security posture.

Perform pre-install population, configuration, and testing of systems.

Provide onsite engineering support for the installation and upgrade of Network Infrastructure, Application and Security Systems.

Perform system operation verification test (SOVT) for installed and upgraded systems.

3.5 NETWORK SECURITY OPERATIONS SUPPORT

3.5.1 Network Operations Center Support

DoD 8570.01-M Category – CND Infrastructure Support certification, IAT II certification, with corresponding Operating System certification

The contractor shall work in support of a SSC Atlantic established network operations center. This network operations center will support the security and network components of the MHS Intranet/MedCOI. In support of the network operations center the contractor shall:

Investigate and troubleshoot network and security components of the MHS Intranet/MedCOI infrastructure.

Utilize the designated configuration management system for the MHS Intranet/MedCOI to make all approved configuration changes to MHS Intranet/MedCOI network and security components.

Provide expertise in configuring, maintaining, upgrading and troubleshooting Cisco switches, routers and firewalls, Juniper routers and firewalls, Palo Alto firewalls, F5 load balancers, InfoBlox DNS appliances, Fidelis XPS security appliances, Citrix NetScaler products, McAfee and SourceFire Intrusion Detection and Prevention products and

TACLANE KG-175 series High Assurance IP Encryptors.

Provide shift work support to enable 24x7 support of the network and security components of the MHS Intranet/MedCOI

Work with manufacturer Tier 3 support to resolve trouble tickets.

Document all work performed in support of trouble tickets using the approved MHS trouble ticketing system.

3.6 COMPUTER NETWORK DEFENSE SERVICES

3.6.1 Cyber Threat Analysis Support

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 26 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

DoD 8570.01-M Category – CND Analyst certification, IAT II certification, with corresponding Operating System certification. Top Secret/SCI clearance required

The contractor shall provide support for the ongoing analysis of threats capable of impacting resources being serviced by the NSOC CNDSP activity based on review of programmatic, technical, and IA Certification and Accreditation documentation and daily review of open source / unclassified and classified threat warnings and bulletins. Individuals will have at least two years of experience in CND technology or a related field. Specifically, the contractor shall: (CDRL A002)

Execute, draft, edit, and maintain standard operating procedure (SOP) documentation.

Review IA certification and accreditation documentation, programmatic, and technical documentation for the NSOC and Network Protection Suites

Review IA certification and accreditation documentation, programmatic, and technical documentation for each system or program of record serviced by the NSOC CNDSP

Review the SOPs and CNDSP programmatic documentation for the NSOC

Perform daily review of cyber threat warnings, bulletins, alerts, and incident reporting documentation and databases produced by the Director of National Intelligence (DNI), National Intelligence Counsel (NIC), Defense Intelligence Agency (DIA), National Security Agency (NSA), United States Strategic Command (USSTRATCOM), United States Cyber Command (USCYBERCOM), military service cyber intelligence support activities, Central Intelligence Agency, Department of Homeland Security, US Computer Emergency Response Team, and coalition and allied partners.

Perform daily review of open source / unclassified sources of cyber threat warnings, vulnerability announcements, from the DoD Information Assurance Vulnerability Management program, National Institute of Standards and Technology (NIST) National Vulnerability Database (NVD), SANS Institute and Internet Storm Center, security vendor advisories, and other cyber security new media sources for information that may impact operations

Perform analysis and identify threats, vulnerabilities, or change to the level of risk associated with continued operations. Assess the level of threat associated with the circumstances and provide reporting to CNDSP management. Reporting shall include specific information and sources used in the analysis, summary information, threat content, and recommendations for managing, mitigating, or avoiding the associated risk associated with the threat.

Communicate to CNDSP subscribers the results of the threat analysis and the associated reporting. Assist CNDSP subscribers with comprehending the reporting, perform supplemental research, and guidance on implementing the prescribed risk mitigation strategy.

Coordinate and deconflict threat analysis activities and reporting with existing NSOC IA/M program infrastructure.

Coordinate the results of threat analysis with the current network monitoring resources for the creation of user defined signatures and other alerting capabilities as necessary to manage risks

Obtain 'known-bad' file hash value lists of malicious activity from classified and open source resources and coordinate with NSOC HBSS and network monitoring resources the incorporation of this new data for continued monitoring

Mentor junior cyber threat analysts and assist with construction of a robust cyber threat analysis capability in the NSOC Provide on-call support for mission critical activities during non-core business hours consistent with CNDSP requirements.

Participating in program reviews and onsite certification evaluations

Coordinate with Incident Response, IA/M, CND Analysis, Fusion, and Monitoring, and CND Infrastructure Support staff as necessary to meet CNDSP requirements.

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.6.1

3.6.2 IA Vulnerability Management and Vulnerability Management System Support

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 27 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

DoD 8570.01-M Category – CND Auditor certification and IAT II or IAT III certification, with corresponding Operating System certification.

Lead and directly participate in activities traditionally associated with the DoD Information Assurance Vulnerability Management (I&M) program. Primarily responsible for routine, DoD SCVVI tool, VMS operations; assuring and tracking compliance with I&M messages and USCYBERCOM directives; and performing liaison with military health service (MHS) medical applications being serviced by the Network Security Operations Center (NSOC) Computer Network Defense Service Provider (CNDSP). Also register and maintain the compliance status of all operational network protection (NP) related hardware and software, including NPS components deployed to Service MTFs, the MHS Intranet, and other MHS data centers supported by DHA. Specifically, the contractor shall:

Execute, draft, edit, and maintain standard operating procedure (SOP) documentation.

Perform Vulnerability Management Service (VMS) configuration, use, populating with DoD SCVVI tool results, and report generation to support the I&M program

Perform DoD SCVVI tool and manager servers and performing associated monthly and ad-hoc scans as required on the Network Protection Suites (NPS) and DHA owned and managed systems located in the MHS DMZs, MHS Intranet, or MHS Enclaves. Such scans and associated I&M compliance reporting shall be tailored to meet the needs of the individual Program Management Office (PMO)

Manage, disseminate, interpret, and track compliance with I&M associated messages including Alerts (IAA), Bulletins (I&B), and (I&T) Technical Bulletins

Test available vendor provided patches or remediation procedures in the DHA IA lab for issues prior to implementation in the production environment. Documenting installation procedures and distributing these procedures to DHA sites and other POCs for their use

Obtain from supported entities required security policy compliance documentation and artifacts; assess compliance with requirements; and develop Plans of Action and Milestone (POA&M) documentation for any DHA owned or managed assets that cannot be patched as necessary to achieve I&M compliance Implement a DoD I&M program utilizing risk management principals

Assume responsibility for the NSOC's execution of the DoD I&M program and oversee and direct the activities for a team of support analysts

Maintain existing standard operational procedure (SOP) documents and draft new SOPs as necessary Participate in and contribute to regularly scheduled NSOC meetings

Provide status reports on I&M activities

Provide status reports on NSOC CNDSP supported entities' INFOCON compliance status

Support the NSOC's CNDSP 24x7 Watch capabilities by executing I&M-related duties consistent with CNDSP requirements during non-core business hours as needed. Duties include monitoring, acknowledging receipt, obtaining status, perform liaison and analysis as necessary, and report compliance with USCYBERCOM directives including INFOCONs, OPOORDs, WARNORDs, ODMs, CTOs, and NTDMs Participating in program reviews and onsite certification evaluations

Coordinate with Incident Response, Cyber Threat Analyst, CND Analysis, Fusion and Monitoring, HBSS support, Incident Response, and CND Infrastructure Support staff as necessary to meet CNDSP requirements

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.6.2

3.6.3 Host Based Security System (HBSS) Support

DoD 8570.01-M Category – CND Infrastructure Support certification, IAT II certification, with corresponding Operating System certification

The contractor shall configure, install, host and perform operations and maintenance for the NSOC's HBSS ePolicy Orchestrator servers and client-side application system components, as well as support the implementation and maintenance of HBSS for the NSOC's systems and other tools used by for management of the network protection suites and MHS Intranet. The operations and maintenance of the NSOC's HBSS

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 28 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

resources are critical and facilitate comprehensive CND monitoring via the NSOC's security event and incident management (SEIM) analysis tools. Specifically, the contractor shall:

Execute, draft, edit, and maintain standard operating procedure (SOP) documentation.

Provide support and technical assistance to MHS applications and program of record systems' established configuration management bodies to facilitate those systems' participating in the NSOC's current HBSS implementation. This includes installing, configuring, troubleshooting, testing, and providing instruction to system administrators and configuration managers on how to configure HBSS without suffering unacceptable performance degradation.

Participating in program reviews and onsite certification evaluations

Coordinate with Incident Response, Cyber Threat Analyst, CND Analysis, Fusion and Monitoring, IAM, and CND

Infrastructure Support staff as necessary to meet CNDSP requirements (CDRL A002)

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.6.3

3.6.4 IA Program Management Support

DoD 8570.01-M Category – IAM Level I or IAM II certification

The contractor shall correspond with DHA, MHS health application Program Management Offices, Configuration Management Boards, Certification Authorities, and Designated Accrediting Authorities, and other NSOC CNDSP-supported entities to ensure documentation vitally necessary to the NSOC CNDSP staff for the accomplishment of the mission is obtained and updated as necessary. Specifically, the contractor shall:

Execute, draft, edit, and maintain standard operating procedure (SOP) documentation.

Solicit, obtain, track, and coordinate the proper use of certification and accreditation documentation from supported MHS Health by the NSOC CNDSP from supported entities

Perform requirements analysis for NSOC CNDSP subscribers' educational/training/awareness requirements and needs.

Coordinate with supported entities' training providers to ensure annual IA training materials are prepared and delivered. Also delivering this required training to supported entities, if necessary, and tracking the compliance status of individual supported entities

Coordinate with CND Analysis, Fusion, and Monitoring, Incident Response, Cyber Threat Analyst, IAM, HBSS support, CND Infrastructure Support, and CNDSP Management staff as necessary to meet CNDSP requirements

Correspond with DHA, USCYBERCOM, CC/S/As, NSOC supported entities, and other third parties as necessary to ensure CNDSP liaison and reporting requirements are satisfied. This includes vulnerability, threat, remediation, mitigation & lessons-learned, situational awareness, scheduled

outages and routine administrative CNDSP matters

Perform requirements analysis associated with ongoing CNDSP operations, develop POA&Ms, and draft resource requirement and management plans

Utilize the NSOC's KBS portal to ensure efficient communications with third parties

Maintain and update the NSOC CNDSP organization chart and POC and Recall Rosters for the NSOC CNDSP, NSOC CNDSP supported entities, antivirus and Commercial Off The Shelf (COTS) security products vendors, supported IAM entities, Intelligence community, law enforcement / counter intelligence community, CND technical experts in other DoD organizations, and DoD Privacy office. Maintain the current NSOC CNDSP Application Package and ensure the resulting POA&M document and associated SOPs are updated and accurate

Coordinate with SPAWAR command POCs and NSOC managers as appropriate to obtain and maintain NSOC's DoD 8570.01-M certification compliance and report status

Maintain the NSOC CNDSP's annual activities and shared situational awareness calendar on the KBS portal

Maintain appointment letters (e.g. Designated Approving Authority, Certification Authority, IAM, and IAO positions) for key NSOC CNDSP personnel and supported entities or subscribers

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 29 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Maintain and track the NSOC CNDSP's compliance with CJCSM 6510.01 requirements for privileged access and are Level 1 certified

Maintain NSOC CNDSP's prospective employee and contractor screening and verification of qualifications records

Participating in program reviews and onsite certification evaluations (CDRL A002).

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.6.4

3.6.5 CND Analysis, Fusion, and Monitoring Support

DoD 8570.01-M Category – CND Analyst certification, IAT II certification, with corresponding Operating System certification. Top Secret/SCI clearance required

The contractor shall provide network intrusion detection and monitoring, HBSS-related monitoring, correlation analysis using the NSOC's security event and incident management (SEIM) analysis tools, and support as required for the fielded CND Analysis Suite for subscribers of the Network Security Operations Center (NSOC) Computer Network Defense Service Provider (CNDSP) and other supported components. Specifically, the contractor shall:

Execute, draft, edit, and maintain standard operating procedure (SOP) documentation.

Provide coordination of significant incidents with USCYBERCOM and supported entities to ensure proper analysis is performed and timely and accurate reporting of the incident is affected.

Provide, develop, and maintain a network forensic analysis capability to enhance response to, support of, and investigation into significant incidents to provide a clearer view of the exploits, vulnerabilities, and tactics, techniques, and procedures (TTPs) used to cause the incident.

Provide support for the NSOC's CND Analysis, Fusion, and Monitoring 24x7 support capability during non-core business hours consistent with CNDSP requirements as needed

Participating in program reviews and onsite certification evaluations

Coordinate with Incident Response, Cyber Threat Analyst, IAWM, HBSS support, and CND Infrastructure Support staff as necessary to meet CNDSP requirements

(CDRL A002)

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.6.5

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 30 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

3.6.6 Computer Network Defense Incident Response Analysis and Support

DoD 8570.01-M Category – CND Incident Responder and IAT II certification, with corresponding Operating System certification. Top Secret/SCI clearance required

The contractor shall provide computer network defense incident response and support, correlation analysis, and support for the fielded CND analysis suite for subscribers of the Network Security Operations Center (NSOC) Computer Network Defense Service Provider (CNDSP) and other supported components. Also assist with the maintenance of current NSOC CNDSP SOPs and support to CND Analysis, Fusion and Monitoring group. Specifically, the contractor shall:

Execute, draft, edit, and maintain standard operating procedure (SOP) documentation.

Maintain existing NSOC Incident Response SOP ensure associated documentation and capabilities remain compliant with CJCSM 6510.01A and other applicable policy directives

Ensure incidents are properly entered into appropriate automated reporting systems

Provide coordination of significant incidents with USCYBERCOM and supported entities to ensure proper analysis is performed and timely and accurate reporting of the incident is affected. Ensure incidents are properly entered into appropriated automated reporting systems

Provide, develop, and maintain a forensic capability to enhance response to, support of, and investigation into significant network incidents in order to provide a clearer view of the exploits, vulnerabilities, and TTPs used to cause the incident.

Provide support for the NSOC's Incident Response 24x7 support capability during non-core business hours consistent with CNDSP requirements as needed

Provide network forensics support to the NSOC's CND Analysis, Fusion, and Monitoring capability Participating in program reviews and onsite certification evaluations

Coordinate with CND Analysis, Fusion, and Monitoring, Cyber Threat Analyst, IAM, HBSS support, and CND Infrastructure Support staff as necessary to meet CNDSP requirements

(CDRL A002)

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.6.6

3.6.7 Computer Network Defense Service Provider Manager Support

DoD 8570.01-M Category – CND-SP Manager and IAM I or IAM II certified. Top Secret/SCI clearance required

Contractor shall act as CND-SP Manager which oversee the CND-SP operations within their organization. CND-SP Managers are responsible for producing guidance for their network enclave or enclave, assisting with risk assessments and risk management for organizations within their network enclave or enclave, and are responsible for managing the technical classifications within their organization. Specifically, the contractor shall:

Execute, draft, edit, and maintain standard operating procedure (SOP) documentation.

Implement and enforce CND policies and procedures reflecting applicable laws, policies, procedures, and

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 31 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

regulations

Manage the publishing of CND guidance (e.g., IAAs and TCNOs) for the enclave constituency.

Provide incident reports, summaries, and other situational awareness information to higher headquarters. Manage an incident (e.g., coordinate documentation, work efforts, resource utilization within the organization) from inception to final remediation and after action reporting.

Manage threat or target analysis of CND information and production of threat or target information within the network or enclave environment.

Manage the monitoring of external CND data sources to maintain enclave situational awareness. Interface with external organizations (e.g., public affairs, law enforcement, Command or Component Inspector General) to ensure appropriate and accurate dissemination of incident and other CND information.

Lead risk analysis and management activities for the network or enclave environment.

Track compliance audit findings, incident after-action reports, and recommendations to ensure appropriate mitigation actions are taken.

Participating in program reviews and onsite certification evaluations

Coordinate with CND Analysis, Fusion, and Monitoring, Cyber Threat Analyst, HBSS support, Incident Response, CND Infrastructure Support, IAWM, and External Assessment staff as necessary to meet CNDSP requirements

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.6.7

3.7 ADVERSARIAL ASSESSMENT SUPPORT

3.7.1 DOD CYBER RED TEAM OPERATIONS SUPPORT

DoD 8570.01-M Category – CND Auditor certification and IAT II or IAT III certification, with corresponding Operating System certification. Top Secret/SCI clearance required

The contractor shall support the USSTRATCOM accredited Red Team at SSC Atlantic which performs adversarial assessments against subscriber networks. The red team shall be used to assess the network and system security posture of MedCOI connected sites. The contractor shall work as part of the red team to support onsite and remote assessments. Specifically the contractor shall:

Develop custom code to penetrate network and system defenses to include development of malware, root kits and remote access tools

Develop tactics, techniques and procedures for network penetration and data exfiltration Develop phishing and spear phishing campaigns

Conduct open source research on target sites and personnel to include use of pre-texting as allowed under the SSC Atlantic red team authorities

Participate in developing after action reports, out briefs and vulnerability mitigation recommendations. Utilize compromised assets to conduct playbooks in order to assess effectiveness of detection and response capabilities of the Computer Network Defense Service Provider.

Support maintenance of red team processes to ensure continuing accreditation of red team in accordance with CJCSM 6510.03.

Support the creation and maintenance of a persistent penetration testing network that can be used to originate phishing campaigns and handle command and control communications across the DoD Information Network boundaries.

Conduct penetration testing of equipment (hardware and software) being planned for use by the by the Computer Network Defense Service Provider in defense of the MedCOI network.

(CDRL A002)

CDRL #	Description	PWS Reference Paragraph

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 32 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

A002

Technical/Analysis Reports, General

#3.7.1

3.7.2 CYBER RED TEAM INFRASTRUCTURE

In support of the red team the contractor shall provide a non-attributable network that can be utilized to conduct campaigns/operations against targeted subscriber infrastructure. By the nature of the methods to be utilized as part of the red team operations, this network shall be provided using a commercial Internet and computing service provider. (CDRL A002)

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.7.2

3.8 APPLICATION SUPPORT

3.8.1 HAIMS Support

DoD 8570.01-M Category –IAT I or II certification, with corresponding Operating System certification.

The contractor shall support Healthcare Artifact and Image Management Solution (HAIMS) server installation, upgrade, integration, and functional testing. As a result, the contractor shall field teams of qualified personnel that are subject matter experts and experienced in installation, upgrade and functional testing of HAIMS infrastructure and software. These installation upgrade and testing efforts will include server builds and testing, VMware configurations, and network and server system configurations.

3.8.1.1 HAIMS Site Surveys

The contractor shall provide qualified and experienced subject matter experts on-site to complete the following tasks at site facility and computer data centers:

Perform site surveys and deliver survey reports as required to support the installation of HAIMS hardware. Results to include: rack spacing, power and cooling requirements, and Network Protection Suite (NPS) bandwidth analysis. Provide on-site surveys to evaluate and document requirements for hardware installations. Provide bandwidth analysis and document results as required.

3.8.1.2 HAIMS Server Installation, Upgrades, Integration and Functional Testing

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 33 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

The contactor shall provide qualified and experienced subject matter experts on-site to perform installation, upgrade and testing of HAIMS hardware, Operating System (OS), and required HAIMS software.

Provide on-site hardware installations, upgrades of OS and software for Sustainment of fielded systems. Provide qualified and experienced subject matter experts on-site to integrate and conduct functional tests for HAIMS software and servers. Integrate and test systems upgraded.

Convert systems from satellite HAIMS systems to Regional Repository systems Prepare installation, upgrade and integration documentation reports as required.

Prepare post site deliverable reports as well as System Operation Verification Test (SOVT) for integrated and upgraded systems.

3.8.1.3 HAIMS System Integration

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 34 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

The contractor shall apply a systems design approach to the directed efforts to ensure that the mission objectives and criteria requirements of specified systems are fulfilled. Emphasis shall be on the demonstration of clear, definable and auditable duplication of performance, logistics supportability, reliability and maintainability of the item, subsystems, and systems. The contractor shall also provide demonstration that system designs include consideration for future scalability and adaptability of all item, subsystems, and systems. Designs shall adhere to the principles of the Acquisition Reform Program. Preliminary, interim, final assessments, recommendations, and reports shall be delivered as a written technical report. The contractor shall:

Recreate scientifically within a laboratory environment an operational environment for local evaluation of field needs. This "modeled" environment may then be manipulated to determine improvements in security posture. Perform Network Infrastructure, Application and Security System COTS product review and evaluations. Perform pre-install population, configuration, and testing of systems. Provide onsite engineering support for the installation and upgrade of HAIMS systems. Perform system operation verification test (SOVT) for installed and upgraded systems. Provide Tier III help desk support for installed HAIMS systems

3.8.1.4 HAIMS System Training

The contractor shall train Government and new personnel relative to the operation and maintenance of the installed subsystems. When onsite installations are performed, the contractor shall also provide training to onsite personnel on the operation and maintenance of the fielded systems.

3.8.1.5 HAIMS Application Support

The contractor shall provide Tier III support by providing 24x7 subject matter expert (SME) support for the HAIMS system and infrastructure as well as system administration support for the VMware system configurations.

Support for the HAIMS VMware environment and application systems will be 24x7 Monday through Sunday. The MHS NSOC will be responsible for monitoring the systems on a 24x7 basis and will escalate to Tier 3 support as needed.

The contractor shall provide system administration level support of the HAIMS software and will escalate to the Application developers as needed. Root level system administrator functions will be provided such as an administrator account for management and system backup. The contractor shall provide support for troubleshooting all infrastructure related issues to the HAIMS system. This will include network, server hardware, operating system, and virtualization technology supporting the operating systems. This will not include application development or problems resulting from faults within the application. Once troubleshooting reveals an application level error/issue, those tickets will be transferred to the HAIMS developers.

3.8.2 Enterprise Directory Services Support

DoD 8570.01-M Category –IAT I or II certification, with corresponding Operating System certification.

The contractor shall provide directory services to all authorized Joint Active Directory (JAD) DHA users. Directory Service users are personnel from Defense Health Agency, medical centers, hospitals, clinics, support and other commands that support the delivery and provision of military healthcare. The users are located worldwide and need access to this service at all times from different time zones. These personnel rely on Directory Services for Authentication and Access Control. This tasking includes configuration, management and support of the Defense Health Agency Joint Active Directory (JAD) forest, Management of "trusts" between the Army Medicine, Navy Medicine and External Organizations, Group Policy Support, and Domain Name Service (DNS) Support. Support will also include:

Administration, troubleshooting and support for the JAD authentication and access control of systems and users enterprise-wide.

Centralized control of system accounts and passwords and password recovery capability for

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 35 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Enterprise Service (ES) components.

Control and log access to critical components of the ES architecture by Organizational Unit (OU) administrators and other authorized users.

Administration, troubleshooting and support for the JAD Forest Management Management of the forest root domain

Sustainment and overall maintenance of the schema

Administration, troubleshooting and support for JAD Trust Management

Establish and maintain ‘trusts’ between the JAD Enterprise Forest and External Organizations as directed by the government project lead and following the guidance provided in the Information Management/Information Technology (IM/IT) Standards Manual

Administration, troubleshooting and support for JAD Group Policy

Contractor shall provide Group Policy management and administration of Default Domain Policies for the Enterprise, to be used primarily for the centralized administration of resources. Provide backup and recovery support of site group policies.

Administration, troubleshooting and support for JAD Domain Name Service (DNS) systems and services
Shall provide support to maintain the DNS requirements (both internal and external) of the ES AD/Exchange environments.

Management of the multiple DNS records required for ES

Administration, troubleshooting and support for JAD Windows Internet Name Service (WINS) systems and services
 Provide support to maintain the Enterprise WINS requirements for the DHA environment Provide WINS service at the enterprise level only

Conduct Information Assurance Vulnerability Alert (IAA) Management services following DHA validation process for all Enterprise devices under this task

3.8.3 APPLICATION VIRTUALIZATION SUPPORT

As part of the application delivery within the DHA, SSC Atlantic has developed and deployed an application hosting platform which utilizes Citrix XenApp to support thin delivery of DHA applications to end users quickly, securely and with minimal dependence on end user computing platform specifications.

In support of this the contractor shall:

Support the development of application delivery utilizing Citrix XenApp software

Troubleshoot and resolve application errors and issues that arise from applications operating within the XenApp environment

Monitor and troubleshoot performance related issues with XenApp virtualized applications. Develop support for application credentials to be delivered via single sign-on technology Support implementation and troubleshooting of Kerberos Constrained Delegation for XenApp environments

CDRL #	Description	PWS Reference Paragraph
A002	Technical/Analysis Reports, General	#3.8

3.9 Property/Inventory Tracking 3.9.1

In accordance with FAR 52.245-1, the contractor shall create and maintain internal records of all government property accountable to the TO, including Government-furnished and Contractor- acquired property. Each item delivered and/or ordered shall be recorded in an inventory tracking report (CDRL A017). At a minimum,

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 36 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

the report shall track the following information: item description, order date, serial number, model number, lot number, delivery location, and the manufacturer warranty period and expiration date, if applicable. This information shall be tracked and available for government review as needed, and the information shall have the ability to be sorted and manipulated by any of the input fields. Separate from the government tracking system, the information in the contractor's records is a backup to the government records; therefore, the government shall own all data rights to the collected information.

CDRL #	Description	PWS Reference Paragraph
A017	Inventory Tracking Report	#3.9.1

4.0 INFORMATION TECHNOLOGY (IT) SERVICES REQUIREMENTS

4.1 INFORMATION TECHNOLOGY (IT) GENERAL REQUIREMENTS When applicable, the contractor shall be responsible for the following:

- 4.1.1 Ensure that no production systems are operational on any RDT&E network.
- 4.1.2 Follow DoDI 8510.01 of 28 Nov 2007 when deploying, integrating, and implementing IT capabilities.
- 4.1.3 Migrate all Navy Ashore production systems to the NMCI environment where available.
- 4.1.4 Work with government personnel to ensure compliance with all current Navy IT & IA policies, including those pertaining to Cyber Asset Reduction and Security (CARS).
- 4.1.5 Follow SECNAVINST 5239.3B of 17 June 2009 & DoDI 8510.01 of 28 Nov 2007 prior to integration and implementation of IT solutions or systems.

5.0 CONTRACT ADMINISTRATION

Contract Administration is required for all contracts; it provides the government a means for contract management and monitoring. Regardless of the level of support, the ultimate objective of the contractor is ensuring the government's requirements are met, delivered on schedule, and performed within budget.

5.1 CONTRACT LIAISON

The contractor shall assign a technical single point of contact, also known as the Program Manager (PM) who shall work closely with the government Contracting Officer and Contracting Officer's Representative (COR), as applicable. The contractor PM, located in the contractor's facility, shall ultimately be responsible for ensuring that the contractor's performance meets all government contracting requirements within cost and schedule. PM shall have the requisite authority for full control over all company resources necessary for contract performance. Responsibilities shall also include, but not be limited to, the following: personnel management; management of government material and assets; and personnel and facility security. In support of open communication, the contractor shall initiate periodic meetings with the COR.

5.2 CONTRACT MONITORING AND MAINTENANCE

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 37 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

The contractor shall have processes established in order to provide all necessary resources and documentation during various times throughout the day in order to facilitate a timely modification. The contractor shall be responsible for providing any required support documentation in a timely manner so as to not disrupt award process. To address urgent requirements, the contractor shall have processes established during business and non-business hours/days in order to provide all necessary documentation and resources to facilitate a timely award modification.

5.2.1 Contract Administration Documentation

Various types of contract administration documents are required throughout the life of the TO. At a minimum, the contractor shall provide the following documentation, unless otherwise specified:

5.2.1.1 Task Order Status Report (TOSR)

Task Order Status Reports (A003) shall be developed and submitted monthly, weekly, and/or as required as cited in the requirements of each task order. The prime shall be responsible for collecting, integrating, and reporting all subcontractor reports. The TOSR include the following variations of reports:

- a. **Monthly TOSR** – A TO status report shall be developed and submitted monthly at least 30 days after TO award on the 10th of each month for those months the TO is active. The contractor shall report on various TO functions: performance, schedule, financial, business relations, and staffing plan/key personnel. See applicable DD Form 1423 for additional reporting details and distribution instructions. This CDRL includes a Staffing Plan (Attachment 1), Personnel Listing (Attachment 2), and Government Furnished Property (GFP) Template (Attachment 3) necessary for additional data collection as required.
- b. **Weekly TOSR** – As required, a weekly TO Status Report shall be e-mailed to the COR no later than close of business (COB) every Friday. The first report shall be required on the first Friday following the first full week after the TO award date. The initial report shall include a projected Plan Of Action and Milestones (POA&M). In lieu of a formal weekly report, larger, more complex TOs shall require an updated Earned Value Management report. The weekly status report shall, as a minimum, include the following items and data:
 1. Percentage of work completed
 2. Percentage of funds expended per ship/sub/shore command and system
 3. Updates to the POA&M and narratives to explain any variances
 4. If applicable, notification when obligated costs have exceeded 75% of the amount authorized
- c. **Data Calls** – As required, a data call report shall be e-mailed to the COR within six working hours of the request, unless otherwise specified by TO. All information provided shall be the most current. Cost and funding data shall reflect real-time balances. Report shall account for all planned,

obligated, and expended charges and hours. Depending on requirement, the report shall include, but not limited to, the following items and data:

1. Percentage of work completed
2. Percentage of funds expended
3. Updates to the POA&M and narratives to explain any variances
4. List of personnel (by location, security clearance, quantity)
5. Most current GFP and/or CAP listing

5.2.1.2 Task Order Closeout Report

A closeout report (A004) shall be developed and submitted no later than 30 days after the TO completion date.

Prime shall be responsible for collecting, integrating, and reporting all subcontracting information. See applicable DD Form 1423 for additional reporting details and distribution instructions.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 38 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

5.2.1.3 Cyber Security Workforce (CSWF) Report

CSWF Reports (A005) shall be developed, maintained, and submitted monthly or as required. IAW clause 252.239-7001, if Information Assurance (IA) support is provided, the contractor shall provide a Cyber Security Workforce (CSWF) list that identifies those individuals who are IA trained and certified. Utilizing the format provided in CSWF CDRL Attachment 1, the prime contractor shall be responsible for collecting, integrating, and reporting all subcontractor personnel. See applicable DD Form 1423 for additional reporting details and distribution instructions.

All CSWF personnel must be trained within 6 months to the required level indicated in each sub-task listed in Section 3.0.

5.2.1.4 Contractor Manpower Reporting

In compliance with Sections 235 and 2330a of Title 10, U.S.C., the following reporting is required for contracts acquiring services:

a. Contractor Manpower Quarterly Status Report (QSR)

A Contractor Manpower Quarterly Status Report (A006) shall be provided to the government four times throughout the calendar year. Required for all active service contracts, beginning at the time of TO award, the Manpower report shall itemize specific TO administrative data. Utilizing the format provided in QSR CDRL Attachment 1, the contractor shall collect required data throughout the specified performance period and shall submit one cumulative report on the applicable quarterly due date. See applicable DD Form 1423 for additional reporting details and distribution instructions. The following table lists the pre-set submittal due dates and the corresponding performance periods:

#	QUARTERLY DUE DATE	PERFORMANCE PERIOD
1	15 January	1 October – 31 December
2	15 April	1 January – 31 March
3	15 July	1 April – 30 June
4	15 Oct	1 July – 30 September

b. Enterprise-wide Contractor Manpower Reporting Application

In addition to the QSR CDRL, the contractor shall report all contractor labor hours (including subcontractor labor hours) required for performance of services via a secure data collection website – Enterprise-wide Contractor Manpower Reporting Application (eCMRA). In accordance with Office of the Secretary of Defense (OSD) memorandum dated 28 Nov 12, the contractor shall completely fill-in all required data fields using the following web address:
<http://www.ecmra.mil/>.

Reporting inputs shall be for the labor executed during the period of performance during each Government fiscal year (FY) which runs from October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013.

Contractors may direct questions to the help desk at <http://www.ecrma.mil/>.

5.2.1.5 WAWF Invoicing Notification and Support Documentation

In accordance with contract clause 252.232-7003 and 252.232-7006, the contractor shall submit

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 39 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

payment requests and receiving reports using Wide Area Work Flow (WAWF) which is a secure government Web-based system for electronic invoicing, receipt, and acceptance. The contractor shall provide e-mail

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 40 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

notification to the COR when payment requests are submitted to the WAWF. As requested by the COR, the contractor shall provide a soft copy of the invoice and any supporting invoice documentation (A007) in order to assist the COR in validating the invoiced amount against the products/services provided during the billing cycle. As applicable, the contractor shall forward copies of invoices to the COR immediately after submittal of WAWF payment request. The contractor shall forward invoice copies and/or supporting documentation (A007) to the COR within 24 hours from initial time of request.

5.2.1.6 Labor Rate Limitation Notification

For all cost type, labor-hour service contracts, the contractors shall monitor the following labor rates as part of the monthly TO status report (see TOSR CDRL Attachment 2 – Personnel Listing). The contractor shall initiate required notification if specified threshold values are met. NOTE: TOs that are wholly firm-fixed price are exempt from this requirement. The ability of a contractor to

monitor labor rates effectively shall be included in the TO Quality Assurance Surveillance Plan (QASP).

- a. **Fully burden labor rates per person (subcontractor included) charged on contract– If the actual invoiced fully burden rate (inclusive of fee) of any individual in any labor category exceeds the threshold amount of \$150.00/hour and the individual’s rate was not disclosed in pre-award of the TO, the contractor shall send notice and rationale (A008) for the identified labor rate to the COR who will then send appropriate notification to the Contracting/Ordering Officer. NOTE: Within one labor category, if the total collective estimated and/or actual hours in any given period of performance are less than or equal to 500 labor hours, the labor category is excluded from the required CDRL notification regardless if an individual within that labor category exceeds the threshold.**
- b. **Average actual labor rates (total actual fully burdened labor costs “divided by” total number**

of hours performed) compared to average negotiated labor rates (total negotiated fully burdened labor costs “divided by” total number of hours negotiated) – If the average actual burdened labor rates exceeds the average proposed/negotiated rate by 15%, the contractor shall send notice and rationale (A008) for the rate variance to the COR who will then send appropriate notification to the Contracting /Ordering Officer. Additionally, contractors shall notify the COR if variances exceed 15% for more than three consecutive months.

Contractors shall annotate the variance percentage of monthly average actual labor rates versus average negotiated labor rates in the monthly TO status reports.

5.2.1.7 ODC Limitation Notification

Contractors shall monitor Other Direct Costs (ODCs) as part of the monthly TO status reports. For this monitoring purpose, ODCs shall include incidental material, travel, and other non-labor costs required in performance of the service. For any given period of performance, if the cumulative total cost of ODCs exceeds the estimated total cost of ODCs by 10%, the contractor shall send notice and rationale (A008) for exceeding cost to the COR who will then send a signed memorandum to the Contracting Officer documenting the reasons justifying the increase of ODC. The ability of a contractor to monitor ODCs shall be included in the TO Quality Assurance Surveillance Plan (QASP).

5.3 CONTRACT ORGANIZATIONAL CONFLICT OF INTEREST (OCI)

Due to the type of work performed, there are organizational conflict of interest clauses that are applicable to this contract. The contract shall follow the restrictions as cited in clause 5252.209-9201, 5252.209-9202, 5252.209-9203, 5252.209-9204, 5252.209-9205.

5.4 EARNED VALUE MANAGEMENT (EVM)

Earned Value Management (EVM) implementation will be required since this TO is utilized by multiple users and multiple programs. For program dollar values equal to or exceeding \$50M, a

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 41 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

contractor's EVMS shall be formally validated and accepted by the Cognizant Federal Agency (CFA) (i.e., DCMA). Work requiring EVM shall have an EVMS capable of the following:

5.4.1 Relate resource planning to schedules and technical performance requirements

5.4.2 Integrate technical performance, cost, schedule, and risk management

5.4.3 Provide the integrated management information to plan the timely performance of work, budget resources, account for costs, and measure actual performance against plans and by the Work Breakdown Structure (WBS) and Contract Work Breakdown Structure (CWBS) elements in accordance with MIL-STD-881. The contractor shall be able to sort, report, and account for tasking and expenditures by the WBS elements. (i.e., CWBS). The EVMS shall have the capability to predict, isolate, and identify variances and the factors causing the variances.

5.4.3.1 The contractor shall develop and maintain a contract WBS (CWBS) and CWBS dictionary (A009) in accordance with DID DI-MGMT-81334B and the tasking assigned to support the program WBS as specified. Approved by the government, the CWBS shall be written to the lowest level needed for adequate management and control of the contractual effort. The CWS shall include all the elements for the products (hardware, software, data, or services) which are the responsibility of the contractor. The CWBS shall reflect all work to be accomplished and facilitate management, data collection, and reporting. The contractor shall keep the CWBS dictionary current at all times and provide updates to the government as specified. In accordance with DID DI-MGMT- 81334A, changes to the CWBS or associated definitions at any reporting level, require Government approval.

5.4.3.2 The contractor shall provide a monthly Integrated Program Management Report (IPMR) (A010) which combines the Contract Performance Report (CPR) with the Integrated Master Schedule (IMS) into a single report. Specific requirements are noted in CDRL DD Form 1423 and DID DI-MGMT-81861 where Formats 1-7 are required.

5.4.4 For program dollar values equal to or exceeding \$20M, Schedule Risk Assessment is optional. For program dollar values equal to or exceeding \$50M, Schedule Risk Assessment is required.

5.4.5 The contractor shall engage jointly with the Government's program manager in Integrated Baseline Reviews (IBRs) to evaluate the risks inherent in the TO's planned performance measurement baseline. Initially, this shall occur as soon as feasible but not later than six months after TO award, and subsequently, following all major changes to the baseline. Each IBR should verify that the contractor is using a reliable performance measurement baseline, which includes the entire TO scope of work, is consistent with TO schedule requirements, and has adequate resources assigned. Each IBR should also record any indications that effective Earned Value Management (EVM) is not being used. IBRs should also be conducted on subcontracts that meet or exceed the

EVM threshold. The prime contractor shall lead the subcontractor IBRs, with active participation by the Government.

6.0 QUALITY

6.1 QUALITY SYSTEM

Upon TO award, the prime contractor shall have and maintain a quality assurance process that meets TO requirements and program objectives while ensuring customer satisfaction and defect-free products/process. The quality system shall be documented and contain procedures, planning, and all other documentation and data necessary to provide an efficient and effective quality system based on a contractor's internal auditing system. Thirty (30) days after TO award, the contractor shall review and concur to the Quality Assurance Surveillance Plan (QASP) and any other quality related documents (A011) as required in the TO. The quality

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 42 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

system shall be made available to the government for review at both a program and worksite services level during predetermined visits.

Existing quality documents that meet the requirements of this TO may continue to be used. The contractor shall also require all subcontractors to possess a quality assurance and control program commensurate with the services and supplies to be provided as determined by the prime's internal

audit system. The Government reserves the right to disapprove the contractor's and/or subcontractor's quality system or portions thereof when the quality system(s) fails to meet contractual requirements at either the program or worksite services level. The Government reserves the right to participate in the process improvement elements of the contractor's quality assurance plan and development of quality related documents as needed. At a minimum, the contractor's quality system shall meet the following key criteria:

Establish documented, capable, and repeatable processes Track issues and associated changes needed

Monitor and control critical product and process variations Establish mechanisms for feedback of field product performance

Implement and effective root-cause analysis and corrective action system Establish methods and procedures for continuous process improvement

6.2 QUALITY ASSURANCE

The contractor shall perform all quality assurance process audits necessary in the performance of the various tasks as assigned and identified by the respective WBS, POA&M, or quality system, and the contractor shall deliver related quality plan/procedural documents upon request. The Government reserves the right to perform any additional audits deemed necessary to assure that the contractor processes and related services, documents, and material meet the prescribed requirements and to reject any or all processes or related services, documents, and material in a category when noncompliance is established.

6.3 QUALITY CONTROL

The contractor shall perform all quality control inspections necessary in the performance of the various tasks as assigned and identified by the respective WBS, POA&M, or quality system, and the contractor shall submit related quality objective evidence upon request. Quality objective evidence (A011) shall include any of the following as applicable:

<!--[if!supportLists]--> <!--[endif]-->Detailed incoming receipt inspection records

<!--[if!supportLists]--> <!--[endif]-->First article inspection records

<!--[if!supportLists]--> <!--[endif]-->Certificates of Conformance

<!--[if!supportLists]--> <!--[endif]-->Detailed sampling inspection records based upon MIL-STD-1916
(Verification Level III)

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 43 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

<!--[if !supportLists]-->

<!--[endif]-->Quality Measurement and Analysis metrics/data

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 44 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

The Government reserves the right to perform any inspections or pull samples as deemed necessary to assure that the contractor provided services, documents, material, and related evidence meet the prescribed requirements and to reject any or all services, documents, and material in a category when nonconformance is established.

6.4 QUALITY MANAGEMENT DOCUMENTATION

In support of the TO's Quality Assurance Surveillance Plan (QASP) and Contractor Performance Assessment Reporting System (CPARS), the contractor shall provide the following documents: Cost and Schedule Milestone Plan (A012) submitted 10 days after TO award, and Contractor CPARS Draft Approval Document (CDAD) Report (A013) submitted monthly.

7.0 DOCUMENTATION AND DELIVERABLES

7.1 CONTRACT DATA REQUIREMENT LISTINGS (CDRLs)

The following CDRL listing identifies the data item deliverables required under this TO and the applicable section of the PWS for which they are required. Section J includes the DD Form 1423s

that itemize each Contract Data Requirements List (CDRL) required under the TO. The contractor shall establish a practical and cost-effective system for developing and tracking the required CDRLs generated under each task. No CDRL classified TOP SECRET with SCI shall be developed.

CDRL #	Description	PWS
		Reference Paragraph
A001	Program Management Reports, General	3.1
A002	Technical/Analysis Reports, General	3.2, 3.3, 3.6, 3.7, 3.8
A003	Task Order Status Report (TOSR)	5.2.1.1, 8.1.2
A004	Task Order Closeout Report	5.2.1.2, 11.5
A005	Cyber Security Workforce (CSWF) Report	5.2.1.3, 8.1.2
A006	Contractor Manpower Quarterly Status Report (QSR)	5.2.1.4
A007	Invoice Support Documentation	5.2.1.5
A008	Limitation Notification & Rationale	5.2.1.6, 5.2.1.7
A009	Contract Work Breakdown Structure (CWBS)	5.4.3.1
A010	Integrated Program Management Report (IPMR)	5.4.3.2
A011	Quality Documentation	6.1, 6.3
A012	Cost and Schedule Milestone Plan	6.4
A013	Contractor CPARS Draft Approval Document (CDAD) Report	6.4

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 45 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

A014	OCONUS Deployment Documentation and Package	14.4
A017	Inventory Tracking Report	3.9.1

7.2 ELECTRONIC FORMAT

At a minimum, the Contractor shall provide deliverables electronically by email; hard copies are only required if requested by the government. To ensure information compatibility, the contractor shall guarantee all deliverables (i.e., CDRLs), data, correspondence, and etc., are provided in a format approved by the receiving government representative. All data shall be provided in an editable format compatible with SSC Atlantic corporate standard software configuration as specified below.

Contractor shall conform to SSC Atlantic corporate standards within 30 days of TO award unless otherwise specified. *The initial or future upgrades costs of the listed computer programs are not chargeable as a direct cost to the government.*

	Deliverable	Software to be used
a.	Word Processing	Microsoft Word
b.	Technical Publishing	PageMaker/Interleaf/SGML/MSPublisher
c.	Spreadsheet/Graphics	Microsoft Excel
d.	Presentations	Microsoft PowerPoint
e.	2-D Drawings/ Graphics/Schematics (new data products)	Vector (CGM/SVG)
f.	2-D Drawings/ Graphics/Schematics (existing data products)	Raster (CALs Type I, TIFF/BMP, JPEG, PNG)
g.	Scheduling	Microsoft Project
h.	Computer Aid Design (CAD) Drawings	AutoCAD/Visio
i.	Geographic Information System (GIS)	ArcInfo/ArcView
j.	Monthly Task Order Reports	Health System Financial/Contract Tool

7.3 INFORMATION SYSTEM

7.3.1 Electronic Communication

The contractor shall have broadband Internet connectivity and an industry standard email system for communication with the government. The contractor shall be capable of Public Key Infrastructure client side authentication to DOD private web servers. Unless otherwise specified, all key personnel on TO shall be accessible by email through individual accounts during all working hours.

7.3.2 Information Security

The contractor shall provide adequate security for all unclassified DoD information passing through non-DoD information system including all subcontractor information systems utilized on contract. Unclassified DoD

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 46 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

information shall only be disseminated within the scope of assigned duties and with a clear expectation that confidentiality will be preserved. Examples of such information include the following: non-public information provided to the contractor, information developed during the course of the contract, and privileged contract information (e.g., program schedules, contract-related tracking).

7.3.2.1 Safeguards

The contractor shall protect government information and shall provide compliance documentation validating they are meeting this requirement. The contractor and all utilized subcontractors shall abide by the following safeguards:

- a. Do not process DoD information on public computers (e.g., those available for use by the general public in kiosks or hotel business centers) or computers that do not have access control.
- b. Protect information by at least one physical or electronic barrier (e.g., locked container or room, login and password) when not under direct individual control.
- c. Sanitize media (e.g., overwrite) before external release or disposal.
- d. Encrypt all information that has been identified as controlled unclassified information (CUI) when it is stored on mobile computing devices such as laptops and personal digital assistants, or removable storage media such as portable hard drives and digital optical disks, using DoD Authorized Data-at-Rest encryption technology. NOTE: Thumb drives are not authorized for DoD work, storage, or transfer. Use GSA Awarded DAR solutions (GSA # 10359) complying with

ASD-NII/DOD-CIO Memorandum, "Encryption of Sensitive Unclassified Data-at-Rest on Mobile Computing Devices and Removable Storage." Solutions shall meet FIPS 140-2 compliance requirements.

- e. Limit information transfer to subcontractors or teaming partners with a need to know and a commitment to at least the same level of protection.
- f. Transmit e-mail, text messages, and similar communications using technology and processes that provide the best level of privacy available, given facilities, conditions, and environment. Examples of recommended technologies or processes include closed networks, virtual private networks, public key-enabled encryption, and Transport Layer Security (TLS). Encrypt organizational wireless connections and use encrypted wireless connection where available when traveling. If encrypted wireless is not available, encrypt application files (e.g., spreadsheet and word processing files), using at least application- provided password protection level encryption.
- g. Transmit voice and fax transmissions only when there is a reasonable assurance that access is limited to authorized recipients.
- h. Do not post DoD information to Web site pages that are publicly available or have access limited only by domain or Internet protocol restriction. Such information may be posted to Web site pages that control access by user identification or password, user certificates, or other technical means and provide protection via use of TLS or other equivalent technologies. Access control may be provided by the intranet (vice the Web site itself or the application it hosts).
- i. Provide protection against computer network intrusions and data exfiltration, minimally including the following:
 1. Current and regularly updated malware protection services, e.g., anti-virus, anti-spyware

1. **Monitoring and control of inbound and outbound network traffic as appropriate (e.g., at the external boundary, sub-networks, individual hosts) including blocking unauthorized ingress, egress, and exfiltration through technologies such as firewalls and router policies, intrusion prevention or detection services, and host-based security services.**

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 47 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

2. Prompt application of security-relevant software patches, service packs, and hot fixes.

- a. As applicable, comply with other current Federal and DoD information protection and reporting requirements for specified categories of information (e.g., medical, critical program information (CPI), personally identifiable information, export controlled).
- b. Report loss or unauthorized disclosure of information in accordance with contract or agreement requirements and mechanisms.

7.3.2.2 Compliance

The contractor shall include in their quality processes procedures that are compliant with information security requirements.

8.0 SECURITY

8.1 ORGANIZATION

8.1.1 Security Classification

As specified in clause 5252.204-9200, classified work shall be performed under this TO. The contractor shall have at the time of TO award and prior to commencement of classified work, a TOP SECRET with Sensitive Compartment Information (SCI) access facility security clearance (FCL).

The following PWS task(s) requires access to classified information up to the level of SECRET: 3.2, 3.3, 3.4, 3.5, 3.6 (with exceptions) and 3.8. The following PWS task(s) requires access to classified

information up to the level of TOP SECRET/SCI: 3.6.1, 3.6.5, 3.6.6, 3.6.7 and 3.7. PWS task(s) Para 3.1 do not required access to classified information. The SECRET level tasking involves access to SIPRNet requiring a SECRET level clearance is required for that access. For the TOP SECRET/SCI tasking, access to intelligence information, JWICS/NSANet and weekly meetings held at the SCI level are required necessitating the need for the clearance. Clearance is required to access and handle classified and personal personnel material, attend program meetings, and/or work within restricted areas unescorted. Access to SCI will be limited to U.S. Government Facilities or other U.S. Government sponsored SCI Facilities (SCIFs) authorized on the DD254.

Generation of SCI deliverables is not authorized.

8.1.2 Security Officer

The contractor shall appoint a Security Officer to support those contractor personnel requiring access to government facility/installation and/or access to information technology systems under this TO. The Security Officer shall be responsible for tracking the security requirements for all personnel (subcontractors included) utilized on contract.

Responsibilities include entering and updating the personnel security related and mandatory training information within the Staffing Plan document, which is part of TOSR Attachment 1 (A003) – applicable Staffing Plan sheets include: Security Personnel Tracking sheet, CAC SPAWAR Badge Tracking sheet, Mandatory Training Sheet. If applicable, Security Officer shall also update and track CSWF data (CDRL A005).

8.2 PERSONNEL

The contractor shall conform to the security provisions of DoD 5220.22M – National Industrial Security Program Operating Manual (NISPOM), SECNAVINST 5510.30, DoD 8570.01M/DoD-8140, and the Privacy Act of 1974.

Prior to any labor hours being charged on contract, the Contractor shall ensure their personnel possess and can maintain security clearances at the appropriate level(s), and are certified/credentialed for the Information Assurance Workforce (IAWF)/Cyber Security Workforce (CSWF), as applicable. At a minimum, the contractor shall validate that the background information provided by their employees charged under this TO is correct, and the employee shall hold a minimum of a trustworthy determination. *Cost to meet these security requirements is not directly chargeable to task order.*

NOTE: Prior to commencement of work on this TO, all contractor personnel (including

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 48 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

administrative and subcontractor personnel) shall have, at a minimum, a favorable Trustworthiness Determination, which is determined by a National Agency Check with Local Agency Check and Credit Check (NACLC) and favorable FBI fingerprint checks. If a final determination is made that an individual does not meet or cannot maintain the minimum standard for a Public Trust Position, then the individual will be permanently removed from SSC Atlantic facilities, projects, and/or programs. If an individual who has been submitted for a security clearance is "denied" for a clearance or receives an "Interim Declination" that individual shall be removed from SSC Atlantic facilities, projects, and/or programs until such time as the investigation is fully adjudicated or the individual is resubmitted and is approved. All contractor and subcontractor personnel removed from facilities, projects, and/or programs shall cease charging labor hours directly or indirectly on task and contract.

8.2.1 Personnel Clearance

The majority of personnel associated with this TO shall possess a SECRET clearance although some personnel shall require personnel having higher clearance levels such as TOP SECRET with SSBI. At the Government's request, on a case-by case basis, Top Secret (TS) clearances that consist of a Single Scope Background Investigation (SSBI) shall be eligible for access to Sensitive Compartmented Information (SCI). These programs/tasks include, as a minimum, contractor personnel having the appropriate clearances required for access to classified data as required. Prior to starting work on the task, contractor personnel shall have the required clearance granted by the Defense Industrial Security Clearance Office (DISCO) and shall comply with IT access authorization requirements. In addition, contractor personnel shall possess the appropriate IT level of access for the respective task and position assignment as required by DoDD 8500.1, Information Assurance and DoDI 8500.2, Information Assurance (IA) Implementation. Any future revision to the respective directive and instruction shall be applied to the TO level as required. Contractor personnel shall handle and safeguard any unclassified but sensitive and classified information in accordance with appropriate Department of Defense security regulations. Any security violation shall be reported immediately to the respective Government Project Manager.

8.2.2 Access Control of Contractor Personnel

8.2.2.1 Physical Access to Government Facilities and Installations

Contractor personnel shall physically access government facilities and installations for purposes of site visitation, supervisory and quality evaluation, work performed within government spaces (either temporary or permanent), or meeting attendance. Individuals supporting these efforts shall comply with the latest security regulations applicable to the government facility/installation.

- a. **The majority of government facilities require contractor personnel to have an approved visit request on file at the facility/installation security office prior to access. The Contractor shall initiate and submit a request for visit authorization to the COR in accordance with DoD Manual 5220.22M (NISPOM) not later than one (1) week prior to visit – timeframes may vary at each facility/installation. For admission to SPAWARSYSCEN Atlantic facilities/installations, a visit request shall be forwarded via Space and Naval Warfare Systems Center Atlantic, P.O. Box 190022, North Charleston, SC 29419-9022, Attn: Security Office, for certification of need to know by the specified COR. For visitation to all other govt. locations, visit request documentation shall be forwarded directly to the on-site facility/installation security office via approval by the COR.**
- b. **Depending on the facility/installation regulations, contractor personnel shall present a proper form of identification(s) and vehicle proof of insurance or vehicle rental agreement. NOTE:**

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 49 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

SPAWARSSYSCEN Atlantic facilities located on Joint Base Charleston require a Common Access Card (CAC) each time physical installation access is required. Contractor shall contact SPAWARSSYSCEN Atlantic Security Office directly for latest policy.

- c. As required, a temporary or permanent automobile decal for each contractor personnel may be issued. The contractor assumes full responsibility for the automobile decal and shall be responsible for the return and/or destruction of the automobile decal upon termination of need or of personnel.**
- d. All contractor persons engaged in work while on Government property shall be subject to**

inspection of their vehicles at any time by the Government, and shall report any known or suspected security violations to the Security Department at that location

8.2.2.2 Identification and Disclosure Requirements

As required in DFARS 211.106, Contractors shall take all means necessary to not represent themselves as government employees. All Contractor personnel shall follow the identification and disclosure requirement as specified in clause 5252.237-9602.

8.2.2.3 Government Badge Requirements

As specified in contract clause 5252.204-9202, some contract personnel shall require a government issued picture badge. While on government installations/facilities, contractors shall abide by each site's security badge requirements. Various government installations are continually updating their security requirements to meet Homeland Security Presidential Directive (HSPD-12) identification standards.

Contractors are responsible for obtaining and complying with the latest security identification requirements for their personnel as required.

Contractors shall submit valid paper work (e.g., site visit request, request for picture badge, and/or SF85P for CAC card) to the applicable government security office via the COR. The contractor's appointed Security Officer, which is required in clause 5252.204-9200, shall track all personnel holding local government badges on this TO.

8.2.2.4 Common Access Card (CAC) Requirements

Some government facilities/installations (e.g., Joint Base Charleston) require contractor personnel to have a Common Access Card (CAC) for physical access to the facilities or installations. Contractors supporting work that requires access to any DoD IT/network also requires a CAC. Granting of logical and physical access privileges remains a local policy and business operation function of the local facility. The Contractor is responsible for obtaining the latest facility/installation and IT CAC requirements from the applicable local Security Office. When a CAC is required to perform work, contractor personnel shall be able to meet all of the following security requirements prior to work being performed:

- a. In accordance with Directive-Type Memorandum (DTM-08-003), issuance of a CAC will be based on the following four criteria:**
 - 1. eligibility for a CAC – to be eligible for a CAC, Contractor personnel's access requirement shall meet one of the following three criteria: (a) individual requires access to multiple DoD facilities or access to multiple non-DoD Federal facilities on behalf of the government on a recurring bases for a period of 6 months or more, (b) individual requires both access to a DoD facility and access to DoD network on site or remotely, or (c) individual requires remote access to DoD networks that use only the CAC logon for user identification.**
 - 2. verification of DoD affiliation from an authoritative data source – CAC eligible personnel must be registered in the Defense Enrollment Eligibility Reporting Systems (DEERS) through either an authoritative personnel data feed from the appropriate Service or Agency or Trusted Associated Sponsorship System (TASS) (formally Contractor Verification System (CVS)).**

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 50 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

3. **completion of background vetting requirements according to FIPS PUB 201-1 and DoD Regulation 5200.2-R – at a minimum, the completion of Federal Bureau of Investigation (FBI) fingerprint check with favorable results and submission of a National Agency Check with Local Agency Check and Credit Check (NACLC) to the Office of Personnel Management (OPM), or a DoD-determined equivalent investigation. NOTE: Personnel requiring a CAC under SSC Atlantic shall contact the SSC Atlantic Security Office to obtain the latest requirements and procedures.**
4. **verification of a claimed identity – all personnel will present two forms of identification in its original form to verify a claimed identity. The identity source documents must come from the list of acceptable documents included in Form I-9, OMB No. 115-0136, Employment Eligibility Verification. Consistent with applicable law, at least one document from the Form I-9 list shall be a valid (unexpired) State or Federal Government-issued picture identification (ID). The identity documents will be inspected for authenticity, scanned, and stored in the DEERS.**
 - a. When a contractor requires logical access to a government IT system or resource (directly or indirectly), the required CAC shall have a Public Key Infrastructure (PKI). A hardware solution and software (e.g., ActiveGold) is required to securely read the card via a personal computer. Prior to receipt of a CAC with PKI, contractor personnel shall complete the mandatory IA Awareness training and submit a signed System Authorization Access Request Navy (SAAR-N) form to the contract's specified COR. Note: In order for personnel to maintain a CAC with PKI, each contractor employee shall complete annual IA training. The following guidance for training and form submittal is provided; however, contractors shall seek latest guidance from their appointed company Security Officer and the SSC Atlantic Information Assurance Management (IAM) office:
1. For annual DoD IA Awareness training, contractors shall use this site: <https://twms.nmci.navy.mil/>. For those contractors requiring initial training and do not have a CAC, contact the SSC Atlantic IAM office at phone number (843)218-6152 or email questions to ssc_lant_iam_office.fcm@navy.mil for additional instructions. Training can be taken at the IAM office or online at <http://iase.disa.mil/index2.html>.
2. For SAAR-N form, the contract shall use OPNAV 5239/14 (Rev 9/2011). Contractors can obtain a form from the SSC Atlantic IAM office at or from the website: <https://navalforms.documentservices.dla.mil/>. Digitally signed forms shall be routed to the IAM office via encrypted email to ssclant_it_secmtg@navy.mil.

8.2.2.5 Contractor Check-in and Check-out Procedures

All SSC Atlantic contractor personnel requiring or possessing a government badge and/or CAC for facility and/or IT access shall have a SSC Atlantic government sponsor and be in compliance with the most current version of Contractor Check-in and Check-out Instruction and Forms as posted on the Command Operating Guide (COG) website. At TO award throughout TO completion, the contractor shall provide necessary employee information and documentation for employees hired, transferred, and/or terminated in support of this TO within the required timeframe as cited in the Check-in and Check-out instructions. Contractor's Security Officer shall ensure all contractor employees whose services are no longer required on contract return all applicable government documents/badges to the appropriate government representative. NOTE: If the contractor does not have access to the SPAWAR COG website, the contractor shall get all necessary Instruction and Forms from the COR.

8.2.3 IT Position Categories

In accordance to DoDI 8500.2, SECNAVINST 5510.30, DoD 8570.01 and applicable to unclassified DoD

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 51 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

information systems, a designator shall be assigned to certain individuals that indicates the level of IT access required to execute the responsibilities of the position based on the potential for an individual assigned to the position to adversely impact DoD missions or functions. As defined in DoD 5200.2-R and SECNAVINST 5510.30, the IT Position categories include:

IT-I (Privileged)

IT-II (Limited Privileged) IT-III (Non-Privileged)

Note: The term IT Position is synonymous with the older term Automated Data Processing (ADP) Position (as used in DoD 5200.2-R, Appendix 10).

Investigative requirements for each category vary, depending on the role and whether the individual is a U.S. civilian contractor or a foreign national. The Contractor PM shall assist the Government Project Manager or COR in determining the appropriate IT Position Category assignment for all contractor personnel. All required Single-Scope Background Investigation (SSBI), SSBI Periodic Reinvestigation (SSBI-PR), and National Agency Check (NAC) adjudication shall be performed in accordance with DoDI 8500.2 and SECNAVINST 5510.30. IT Position Categories shall be determined based on the following criteria:

8.2.3.1 IT-I Level (Privileged) - Positions in which the incumbent is responsible for the planning, direction, and implementation of a computer security program; major responsibility for the direction, planning and design of a computer system, including the hardware and software; or, can

access a system during the operation or maintenance in such a way, and with a relatively high risk for causing grave damage, or realize a significant personal gain. Personnel whose duties meet the criteria for IT-I Position designation require a favorably adjudicated SSBI or SSBI-PR. The SSBI or SSBI-PR shall be updated a minimum of every 5 years.

8.2.3.2 IT-II Level (Limited Privileged) - Positions in which the incumbent is responsible for the direction, planning, design, operation, or maintenance of a computer system, and whose work is technically reviewed by a higher authority at the IT-II Position level to insure the integrity of the

system. Personnel whose duties meet the criteria for an IT-II Position require a favorably adjudicated NAC.

8.2.3.3 IT-III Level (Non-privileged) - All other positions involved in computer activities. Incumbent in this position has non-privileged access to one or more DoD information systems/applications or database to which they are authorized access. Personnel whose duties meet the criteria for an IT-III Position designation require a favorably adjudicated NAC.

8.2.4 Security Training

Regardless of the TO security level required, the contractor shall be responsible for verifying applicable personnel (including subcontractors) receive all required training. At a minimum, the contractor's designated Security Officer shall track the following information: security clearance information, dates possessing Common Access Cards, issued & expired dates for SSC Atlantic Badge, Information Assurance (IA) training, Privacy Act training, and Information Assurance Workforce (IAWF)/Cyber Security Workforce (CSWF) certifications, etc.

The contractor shall educate employees on the procedures for the handling and production of classified material and documents, and other security measures as described in the PWS in accordance with DoD 5220.22M.

8.2.5 Disclosure of Information

Contractor employees shall not discuss or disclose any information provided to them in the performance of their duties to parties other than authorized Government and contractor personnel who have a "need to know". Any information or documentation developed by the contractor under direction of the government

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 52 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

shall not be used for other purposes without the consent of the government Contracting Officer. Any developed documentation containing PII information shall be marked accordingly in either the header or footer of the document: “FOUO – Privacy Sensitive.

Any misuse or unauthorized disclosure may result in both criminal and civil penalties.”

8.3 OPERATIONS SECURITY (OPSEC) REQUIREMENTS

Security programs are oriented towards protection of classified information and material. Operations Security (OPSEC) is an operations function which involves the protection of any critical

information – focusing on unclassified information that may be susceptible to adversary exploitation. As directed in DoDD 5205.02E and SPAWARINST 3432.1, SSC Atlantic’s OPSEC program implements requirements in DoD 5205.02 – OPSEC Program Manual. Note: OPSEC requirements are applicable when contract personnel have access to either classified information or unclassified Critical Program Information (CPI)/sensitive information.

8.3.1 Local and Internal OPSEC Requirement

Contractor personnel, including subcontractors if applicable, shall adhere to the OPSEC program policies and practices as cited in the SPAWARINST 3432.1 and existing local site OPSEC procedures. The contractor shall development their own internal OPSEC program specific to the contract and based on SSC Atlantic OPSEC requirements. At a minimum, the contractor’s program shall identify the current SSC Atlantic site OPSEC Officer/Coordinator.

8.3.2 OPSEC Training

Contractor shall track and ensure applicable personnel receive initial and annual OPSEC awareness training. Training may be provided by the government or a contractor’s OPSEC Manager and shall, as a minimum, cover OPSEC as it relates to contract work, discuss the Critical Information applicable in the TO, and review OPSEC requirements if working at a government facilities. Any training materials developed by the contractor shall be reviewed by the SSC Atlantic OPSEC Officer,

who will ensure it is consistent with SSC Atlantic OPSEC policies. OPSEC training requirements are applicable for personnel during their entire term supporting SPAWAR contracts.

8.3.3 SSC Atlantic OPSEC Program

Contractor shall participate in SSC Atlantic OPSEC program briefings and working meetings as required, and the contractor shall complete any required OPSEC survey or data call within the timeframe specified.

8.3.4 Classified Contracts

OPSEC requirements identified under a classified contract shall have specific OPSEC requirements listed on the DD Form 254.

8.4 DATA HANDLING AND USER CONTROLS

8.4.1 Data Handling

At a minimum, the contractor shall handle all data received or generated under this TO as For Official Use Only (FOUO) material. Any classified information received or generated shall be handled in accordance with the attached DD Form 254 and in shall be in compliance with all applicable PWS references and to other

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 53 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

applicable Government policies and procedures that include DOD/Navy/SPAWAR. 8.4.2

Effective Use

of Controls

The contractor shall screen all electronic deliverables or electronically provided information for malicious code using DoD approved anti-virus software prior to delivery to the Government. The contractor shall utilize appropriate controls (firewalls, password protection, encryption, digital certificates, etc.) at all times to protect contract related information processed, stored or transmitted on the contractor's and Government's computers/servers to ensure confidentiality, integrity, availability, authentication and non-repudiation. This includes ensuring that provisions are in place that will safeguard all aspects of information operations pertaining to this TO in compliance with all applicable PWS references. Compliance with Para 7.3.2.1, Data-at-Rest, is required on all portable electronic devices including storage of all types. Encryption/digital signing of communications is required for authentication and non-repudiation.

9.0 GOVERNMENT FACILITIES

As specified in the TO, Government facilities (i.e., office space, computer hardware/software, or lab space) will be provided to those labor categories that would otherwise adversely affect the work performance if they were not available on-site. All Contractor personnel with supplied government facilities shall be located in San Antonio, TX, Aurora, CO, Washington, DC or SSC Atlantic in Charleston, SC. Note: *The burdened labor rate for those contractor personnel designated as "government site" shall include overhead costs allocable to government site work, consistent with the contractor's established accounting practices.*

Work under this TO shall be done during normal working hours when practical. However, due to operational requirements, schedules, and the availability of required resources and/or downtime of those resources, extended hours including weekend work may be required. Extended working hours resulting in no additional cost to the Government may be approved in writing by the COR with a copy to the Contracting Officer. Extended working hours resulting in additional cost to the Government shall be requested through the COR and approved in writing by the Contracting Officer. Approval by the Contracting Officer is required prior to extending hours beyond normal working hours.

Requests for extended hours shall include the employee name, labor category, and justification for the overtime or extended work week.

10.0 CONTRACTOR FACILITIES

A significant portion of tasking under this TO will require close liaison with the government. The contractor shall be prepared to establish a local facility within a 10 mile radius of SSC Atlantic. Close proximity allows for proper contract administration duties. The contractor's facility is not

necessary for the exclusive use of this contract and can be utilized on a shared basis. The Charleston local facility shall include sufficient physical security to protect government assets. The

contractor's facility shall meet all location and size requirements to perform work requirements within 30 days after TO award. Facility space shall include offices, conference rooms, lab work, and a staging area for materials and equipment, as required.

11.0 CONTRACT PROPERTY ADMINISTRATION

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 54 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

11.1 PROPERTY TYPES

Contract property can either be intangible (i.e., intellectual property and software IAW FAR Part

27) or tangible (i.e., government property IAW FAR Part 45). The contractor shall have established property management procedures and an appropriate property management point of contact who shall work with the assigned Government Property Administrator (PA) to ensure their property management system is acceptable. This contract will have the following property in support of the tasking requirements in PWS Para 3.0.

11.1.1 Intangible Property – Intellectual/Software

11.1.1.1 Government Furnished Information (GFI)

Intellectual property includes Government Furnished Information (GFI) which includes manuals, drawings, and test data that is provided to contractor for performance of a contract. Depending on the document, certain information (e.g., technical specifications, maps, buildings designs, schedules, etc.) shall require addition controls for access and distribution. Unless otherwise specified, all GFI distribution and inventory shall be limited to need-to-know and returned at completion of the TO. The following table lists GFI that shall be provided to the contractor after TO award.

Item #	Description
N/A	CNDSP Standard Operating Procedures
N/A	Red Team Standard Operating Procedures
N/A	XenClient computing platform image

11.1.2 Tangible Property – Government Property (GP)

Government property shall be utilized on contract which includes all property owned or leased by the Government.

Government property consists of Government-furnished property (GFP) and Contractor-acquired property (CAP).

Under this TO, the following government property shall be applicable:

11.1.2.1 Government-furnished Property (GFP) Not Applicable

11.1.2.2 Contractor-acquired Property (CAP)

Contractor Acquired Material (CAM) – Contractor Acquired Material (CAM) – Operating Material and Supplies (OM&S) which includes materials purchased and shipping costs incurred by the contractor in direct support of the task that will be

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 55 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

incorporated into, or attached to a deliverable end item or that may be consumed or expended in performing a TO.

Contractor Acquired Equipment (CAE) – Property, Plant and Equipment (PP&E) which includes equipment, machine tools, test equipment, etc. Contractor Acquired Equipment is required for this TO and includes cell phones for 80 of the 92 contractors on the program. Cell phones will be utilized by contractors that travel or for the CNDSP Continuity of Operations purposes.

11.2 TRACKING AND MANAGEMENT

11.2.1 Contractor Property Management System

In accordance with FAR clause 52.245-1 and DFARS clause 252.245-7003, the contractor shall establish and maintain an acceptable property management system that is subject to review and approval by the KO and contract government Property Administrator. The contractor's property management system shall adhere to the applicable prescribed requirements in FAR clause 52.245-1.

11.2.2 Government Property Administrator

In accordance with FAR 42.201, the contract property administrator under this contract is designated as Defense Contract Management Agency (DCMA). The contractor shall work with the designated contract property administrator to ensure compliance with the contract's property requirements.

11.2.3 Property Transfer between Government and Contracts

Contractors shall not take receipt or transfer custody of any government property without possessing proper contractual authority; i.e.; item specifically is identified as GFP in the TO. Per DoDI 4161.02, the government will utilize electronic transaction when transferring GFP to the contractor (specified by contract number) and upon return of the property to the government. The contractor shall use WAWF to receipt property transfer or use Defense Logistics Management System (DLMS) standard logistics transaction set 527R to provide materiel receipt acknowledgement. The applicable contract number shall be cited to properly track property shipments.

Note: If electronic receipt is not available, at a minimum, the transfer or property shall not occur without proper paperwork; e.g., Requisition and Invoice/Shipping Document (DD1149) or COMSEC Material Report (SF153).

11.2.4 GFP Tagging and Item Unique Identification (IUID) Registry

In accordance with DFARS clause 252.245-7001, contractor shall tag, label, or mark all GFP items not previously tag, labeled, or marked. In accordance with DFARS clause 252.211-7007 (revised Aug 2012); the contractor shall ensure applicable Government Furnished Property (GFP) is identified in the DoD Item Unique Identification (IUID) Registry and its integral GFP Module. After a contractor takes possession of GFP, the contractor shall designate the item as GFP in the IUID Registry. If the item cannot be found in the IUID registry, the contractor shall enter the item.

When GFP is returned to the government at the completion of the TO, the contractor shall update the IUID registry Custody status. If the GFP item is consumed, destroyed, scrapped, lost, or abandoned during the TO performance, the contractor shall update the item's status and annotate that it has been disposed.

11.2.4.1 IUID Reporting Criteria. Per DFARS 252.211-7003/7007, the contractor shall ensure GFP acquired items that are serialized regardless of unit acquisition cost are subject to Item Unique Identification (IUID) Registry Requirements. Contractor shall verify with government if questionable GFP items that are non-serialized or have an acquisition cost less than \$5,000 require an item unique identification or a DOD recognized unique identification equivalent. Exceptions to IUID requirements will be determined by the government.

11.2.4.2 Exception to IUID Reporting Criteria. As cited in 245.102, CAP is one of the listed GFP items that do not required to be tagged, labeled, or marked as GFP; however, if any CAP is returned to the government, the contractor shall appropriately tag it and enter it into the IUID registry or other specified

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 56 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Government inventory system.

11.2.5 Government Property Records

In accordance with FAR 52.245-1, contractors and any subcontractors if applicable shall be responsible for establishing and maintaining records of Government Property in their possession – this includes GFP and CAP. For GFP only, the contractor shall ensure that items designated as Special Tooling (ST) and Special Test Equipment (STE) are correctly annotated in the SPAWAR approved GFP central Automated Information System (AIS). The contractor shall work with the COR and designated contract Property Administrator to maintain adequate GFP records which shall be forwarded as required to SSC Atlantic functional mailbox for tracking and centralization. The GFP and CAP records shall contain at a minimum the data elements as described in FAR 52.245-1 and shall be submitted for review as part of the TO status report (CDRL A003).

11.3 TRANSFERRING ACCOUNTABILITY

Government property cannot be transferred between contracts or TOs unless approval is obtained from the Contracting Officer, proper identification/tracking is maintained, and modifications are issued to both affected TOs. Contractor shall ensure they have all necessary documentation required for authorized transfer of property from one TO to another. Transfer documentation shall specify the type, quantity and acquisition cost of each item being transferred.

For CAP that is transferred to another TO, the items shall be considered GFP when retained by a contractor for continued use.

11.4 LOST OR DAMAGED ITEMS

Contractor shall promptly report to the COR and KO all lost and/or damaged government property. The requirements and procedures for reporting loss Government Property are specified in DFARS clause 252.245-7002.

11.5 INVENTORY DISPOSITION

When disposition instructions for GFP are contained in the accountable contract or on the supporting shipping documents (DD Form 1149), the Contractor shall initiate and submit an excess inventory listing to the Procuring Contracting Officer (PCO), via the activity Property Administrator.

When disposition instructions are not stipulated in the contract or supporting shipping document (DD Form 1149), an excess inventory listing is required that identifies GFP and, under cost reimbursement contracts, CAP. This list shall be submitted to the PCO, via the activity Property Administrator, at which time disposition instructions will be provided.

When GFP and CAP are provided on a TO, a final inventory reporting list shall be included in the TO Closeout Report (CDRL A004). At the time of the Contractor's regular annual inventory, the Contractor shall provide the PCO, via the assigned Property Administrator, a copy of the physical inventory listing. All contractor personnel shall be responsible for following the company's internal inventory management procedures and correcting any problems noted by the government property administrator.

11.6 PERFORMANCE EVALUATION

Non-compliance with the contract's Government Property terms and conditions shall negatively affect the contractor's annual Contractor Performance Assessment Reporting System (CPARS) rating.

12.0 SAFETY ISSUES

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 57 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

12.1 OCCUPATIONAL SAFETY AND HEALTH REQUIREMENTS

The contractor shall be responsible for ensuring the safety of all company employees, other working personnel, and Government property. The contractor is solely responsible for compliance with the Occupational Safety and Health Act (OSHA) (Public Law 91-596) and the resulting applicable standards, OSHA Standard 29 CFR 1910 (general), 1915 (shipboard/submarine) and 1926 (shore), and for the protection, safety and health of their employees and any subcontractors assigned under this TO. Without government assistance, the contractor shall make certain that all safety requirements are met, safety equipment is provided, and safety procedures are documented as part of their quality management system.

12.1.1 Performance at government facilities

In addition to complying to clause 5252.223-9200 Occupational Safety and Health Requirements, the contractor shall immediately report any accidents involving government or contractor personnel injuries or property/equipment damage to the contracting officer and COR. Additionally, the contractor is responsible for securing the scene and impounding evidence/wreckage until released by the contracting officer.

12.2 SAFETY EQUIPMENT

All personnel safety equipment required to perform work under this TO shall be provided by the

Contractor and must be in satisfactory working order. Personal safety equipment shall include, but not be limited to -- hard-hats, safety shoes, safety gloves, goggles, hearing protection,

non-flammable clothing for hot work personnel, gas/oxygen detectors for confined spaces, face shields, and other types of safety equipment required to assure a safe work environment and compliance with applicable federal, state and local safety regulations.

12.3 SAFETY TRAINING

The contractor shall be responsible to train all personnel that require safety training. Specifically, where contractors are performing work at Navy shore installations, that requires entering manholes or underground services utility the contractor shall provide a qualified person as required in 29 CFR 1910 or 29 CFR 1926 or as recommended by the National Institute for Occupational Safety and Health (NIOSH) Criteria Document for Confined Spaces. Also, when contractors are required to scale a tower, all applicable personnel shall have Secondary Fall Protection and Prevention training.

13.0 SMALL BUSINESS SUBCONTRACTING PLAN

Not applicable.

14.0 TRAVEL

14.1 LOCATIONS

The majority of the work under this TO shall be performed at SSC Atlantic (Contractor and Government facilities). Travel shall be performed in accordance with clause 5252.231-9200. For costing purposes and to establish an ODC CLIN for estimated travel requirements, the following is provided as Attachment #8. Although estimated sites are provided as attachment #8, the contractor shall be prepared to travel to any of the following alternative sites noted in Attachment #9, Alternative Sites Dated 24 OCT 2017.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 58 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

<u>Site</u>
29 Palms, CA
Aberdeen Proving Ground, MD
Albany, GA
Annapolis, MD
Anniston, AL
Athens, Greece
Atsugi, Japan
Auburn Hills, MI
Bangkok, Thailand
Bangor, WA
Barstow, CA
Baumholder, Germany
Bluegrass Army Depot, KY
Bravaria, Germany
Bridgeport, CA
Brussels, Belgium
Cairo, Egypt
Calverton, MD
Cameron, NC
Camp Atterbury, IN
Camp Carroll, South Korea
Camp Fuji, Japan
Camp Grayling, MI
Camp Stanley, South Korea
Capodichino, Italy
Carlisle, PA
Chambersburg, PA
Chesapeake, VA
Chicago, IL
China Lake, CA
Chinhae, South Korea
Chula Vista, CA
Colts Neck, NJ
Columbus, GA
Columbus, OH
Copperas Cove, TX
Coronado, CA
Crane, IN
Dahlgren, VA
Dahlonaga, GA
Denver, CO
Detroit Arsenal, MI
Diego Garcia
Dugway Proving Ground, UT

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 59 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Edgewood, MD
El Centro, CA
Elmendorf AFB, AK
Fallon, NV
Ft A.P. Hill, VA
Ft Buchanan, Puerto Rico
Ft Eustis, VA
Ft Greely, AK
Ft Indiantown Gap, PA
Ft McCoy, WI
Ft Meade, MD
Ft Richardson, AK
Ft Story, VA
Ft Worth, TX
Fukuoka, Japan
Gulfport, MS
Hario, Japan
Harker Heights, TX
Heidelberg, Germany
Honolulu, HI
Indian Head, MD
Iwakuni, Japan
Junction City, KS
Key West, FL
Kings Bay, GA
Kingsville, TX
Kwang Ju AB, South Korea
Lakehurst, NJ
Lexington Park, MD
Livorno, Italy
Mayport, FL
McAlester, OK
Mechanicsburg, PA
Meridian, MS
Miami, FL
Millington, TN
Mons, Belgium
Mountain Home AFB, ID
Naples, Italy
Natick, MA
New Cumberland, PA
New Orleans, LA
Newport, RI
Norfolk, VA
Norway
Panama City Beach, FL
Patuxent River, MD
Perry Point, MD
Philadelphia, PA

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 60 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Picatinny Arsenal, NJ
Pine Bluff Arsenal, AR
Pirmasens, Germany
Point Mugu, CA
Pope Field, NC
Port Hueneme, CA
Portsmouth, NH
Presidio, CA
Pueblo Army Depot, CO
Red River Army Depot, TX
Rock Island Arsenal, IL
Sacramento, CA
Sagamihara, Japan
San Clemente Island, CA
San Francisco, CA
San Nicolas Island, CA
Saratoga Springs, NY
Sasebo, Japan
Savannah, GA
Seal Beach, CA
Seaside, CA
Singapore, Singapore
Souda Bay, Crete, Greece
Spangdahlem, Germany
St. Louis, MO
Sunny Point, NC
Tobyhanna, PA
Tokyo, Japan
Tooele Army Depot, UT
Topeka, KS
Vicenza, Italy
Vilseck, Germany
Warren, MI
Washington, DC
Watertown, NY
Watervliet Arsenal, NY
Wuerzburg, Germany
Yuma, AZ
Vancouver, Canada
Baltimore, MD

Note: Travel specifically to Iraq or Afghanistan shall not be performed under this TO.

14.2 PERSONNEL MEDICAL REQUIREMENTS 14.2.1 OCONUS Immunization Requirements

The contractor shall be required to travel to locations outside the Continental limits of the United States (OCONUS) both shore and afloat. Contractor employees who deploy to locations that require immunizations shall do so in accordance with Department of Defense Instruction (DoDI) 6205.4, Department of the Navy (DON), and Space and Naval Warfare Systems Center Atlantic Instruction (SPAWARSYSCENLANTINST) 12910.1.

14.3 LETTER OF AUTHORIZATION

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 61 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Some travel shall require a Letter of Authorization (LOA). As noted in DFARS PGI 225.7402-3(e), a LOA is necessary to enable a contractor employee to process through a deployment processing center; to travel to, from, and within a theater of operations; and to identify any additional authorizations and privileges. The contractor shall initiate a LOA for each prospective traveler.

The contractor shall use the Synchronized Pre-deployment & Operational Tracker (SPOT) web-based system, at <http://www.dod.mil/bta/products/spot.html>, to enter and maintain data with respect to traveling/deployed personnel, and to generate LOAs. When necessary and if in the

Government's interest, the contractor may also initiate a LOA request to provide an official traveler access to Government facilities and to take advantage of travel discount rates in accordance with Government contracts and/or agreements. All privileges, services, and travel rate discount access are subject to availability and vendor acceptance. LOAs shall be signed/approved by the SPOT registered Contracting/Ordering Officer for the applicable contract.

14.4 SPECIFIED MISSION DESTINATIONS

The contractor shall be required to travel to locations designated as Specified Mission Destinations which are listed in the latest SSC Atlantic OCONUS Travel Guide portal (latest link to be provided at TO award). In accordance with DoDI 3020.41 and SPAWARSCENLANTINST 12910.1A, work to be performed at Specified Mission Destinations is subject to all relevant contract clauses, as well as the requirements set forth in the aforementioned guide. The contractor shall be able to meet all clause and guide requirements 35 days prior to travel within the applicable specified destinations.

When deployment to a Specified Mission Destination is required, the contractor shall be responsible for processing applicable deployment packages for its personnel in accordance with the SSC Atlantic OCONUS Travel Guide portal.

Note: The portal is NOT the authoritative source, as it is only a guide. The contractor shall be responsible to know and understand travel requirements as identified by the Combatant Command (COCOM) and applicable country. Commencing no later than seven

1. days after award requiring travel to specified mission destination(s), the contractor shall submit all required OCONUS Deployment Documentation and Package (A014) to the technical POC and/or Command Travel/Deployment Coordinator.

[END OF PWS]

5252.237-9601 KEY PERSONNEL (VARIATION)

1. a. The offeror agrees to assign to this TO those key personnel listed in paragraph (d) below. Within 15 days after TO award, the contractor shall submit a Program Manager's résumé for consideration and any other key labor category résumés required for immediate performance. If applicable, the

contractor shall submit resumes for all required labor categories. After approval, the individuals shall be added to a key personnel list, paragraph (d), which shall be maintained by the contractor and supplied in the monthly TOSR. No substitutions shall be made except in accordance with this clause.

- a. **The offeror agrees that during the first 90 days of the TO performance period no personnel substitutions will be permitted unless such substitutions are necessitated by an individual's sudden illness, death or termination of employment. In any of these events, the contractor shall promptly notify the Contracting Officer and provide the information required by paragraph (c) below. After the initial 90-day period, all proposed substitutions must be submitted in writing, at least fifteen (15) days (thirty (30) days if a security clearance is to be obtained) in advance of the proposed substitutions to the contracting officer. These substitution requests shall provide the information required by paragraph (c) below.**

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 62 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

- b. All requests for approval of substitutions under this TO must be in writing and a detailed explanation of the circumstances necessitating the proposed substitutions. They must contain a complete resume for the proposed substitute or addition, and any other information requested by the Contracting Officer or needed by him to approve or disapprove the proposed substitutions. All substitutions proposed during the duration of this TO must have qualifications of the person being replaced. The Contracting Officer or his authorized representative will evaluate such requests and promptly notify the contractor of his approval or disapproval thereof in writing.**
- c. List of Key Personnel shall be tracked and maintained by the contractor in the Staffing Plan which is part of the monthly TOSR.**
- d. If the Contracting Officer determines that suitable and timely replacement of key personnel who have been reassigned, terminated or have otherwise become unavailable for the contract work is not reasonably forthcoming or that the resultant reduction of productive effort would be so substantial as to impair the successful completion of the TO, the TO may be terminated by the Contracting Officer for default or for the convenience of the Government, as appropriate. In addition, if the Contractor is found at fault for the condition, the Contracting Officer may elect to equitably decrease the contract price or fixed fee to compensate the Government for any resultant delay, loss or damage. Inability to manage, provide, and/or maintain sufficient key personnel shall negatively affect a contractor's annual government Contractor Performance Assessment Report (CPAR) rating.**
- e. If the offeror wishes to add personnel to be used in a labor category he shall employ the procedures outlined in paragraph (c) above. Adding personnel will only be permitted in the event of an indefinite quantity contract, where the Government has issued a delivery order for labor hours that would exceed a normal forty hour week if performed only by the number of employees originally proposed.**

C-313 SECURITY REQUIREMENTS (DEC 1999)

The work to be performed under this contract as delineated in the DD Form 254, Attachment No. 6 involves access to and handling of classified material up to and including top secret.

In addition to the requirements of the FAR 52.204-2 "Security Requirements" clause, the Contractor shall appoint a Security Officer, who shall (1) be responsible for all security aspects of the work performed under this contract, (2) assure compliance with the National Industry Security Program Operating Manual (DODINST 5220.22M), and (3) assure compliance with any written instructions from the Security Officer Code OA1, SPAWAR Systems Center Charleston, P.O. Box 190022, North Charleston, SC 29419-9022.

C-315 WORKWEEK (DEC 1999)

- a. All or a portion of the effort under this contract will be performed on a Government installation. The normal workweek for Government employees at SPAWAR Systems Center Charleston and its Detachments is Monday through Friday 0730 to 1600. Work at this Government installation, shall be performed by the contractor within the normal workweek unless differing hours are specified on the individual task orders. Following is a list of holidays observed by the Government:**

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 63 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Name of Holiday Time of Observance New Year's Day 1 January

Martin Luther King Jr. Day Third Monday in January

President's Day Third Monday in February

Memorial Day Last Monday in May

Independence Day 4 July

Labor Day First Monday in September

Columbus Day Second Monday in October

Veteran's Day 11 November

Thanksgiving Day Fourth Thursday in November

Christmas Day 25 December

- a. If any of the above holidays occur on a Saturday or a Sunday, then such holiday shall be observed by the Contractor in accordance with the practice as observed by the assigned Government employees at the using activity.
- b. If the Contractor is prevented from performance as the result of an Executive Order or an administrative leave determination applying to the using activity, such time may be charged to the contract as direct cost provided such charges are consistent with the Contractor's accounting practices.
- c. This contract does not allow for payment of overtime during the normal workweek for employees who are not exempted from the Fair Labor Standards Act unless expressly authorized by the Ordering Officer. Under Federal regulations the payment of overtime is required only when an employee works more than 40 hours in a normal week period.

C-317 NOTICE TO CONTRACTOR OF CERTAIN DRUG DETECTION PROCEDURES (DEC 1999)

- a. Pursuant to Navy policy applicable to both Government and contractor personnel, measures will be taken to prevent the introduction and utilization of illegal drugs and related paraphernalia into Government Work areas.
- b. In furtherance of the Navy's drug control program, unannounced periodic inspections of the following nature may be conducted by installation security authorities:
- c. When there is probable cause to believe that a contractor employee on board a naval installation has been engaged in use, possession or trafficking of drugs, the installation authorities may detain said employee until the employee can be removed from the installation, or can be released to the local authorities having jurisdiction.
- d. Trafficking in illegal drug and drug paraphernalia by contract employees while on a military vessel/installation may lead to possible withdrawal or downgrading of security clearance, and/or referral for prosecution by appropriate law

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 64 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

enforcement authorities.

e. The contractor is responsible for the conduct of employees performing work under this contract and is, therefore, responsible to assure that employees are notified of these provisions prior to assignment.

f. The removal of contractor personnel from a Government vessel or installation as a result of the drug offenses shall not be cause for excusable delay, nor shall such action be deemed a basis for an equitable adjustment to price,

1. Routine inspection of contractor occupied work spaces.

2. Random inspections of vehicles on entry or exit, with drug detection dog teams as available, to eliminate them as a safe haven for storage of or trafficking in illegal drugs.

3. Random inspections of personnel possessions on entry or exit from the installation.

delivery or other provisions of this contract.

C-720 PERFORMANCE BASED REVIEW AND ACCEPTANCE PROCEDURES

This is a performance based order, as defined in FAR Part 37.6. Contractor performance will be reviewed in accordance with the Quality Assurance Plan as follows:

QUALITY ASSURANCE PLAN

1. Objective: The purpose of this plan is to provide a quality assurance plan for the services contracted under this Task Order. This plan provides a basis for the Task Order Manager (TOM) to evaluate the quality of the contractor's performance. The oversight provided for in this plan, and the remedy established, will help ensure that service levels are of high quality throughout the task order term.

2. Performance Standards:

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 65 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

- a. The deliverables under this task order will be consistently technically accurate.
- b. The services delivered under this task order will be consistently of high quality.
- c. The contractor's cost control efforts under this task order will be consistently effective (applicable to cost reimbursement task orders).
- d. The contractor will be consistently responsive to Government customers in its performance of this task order.
- e. For the purposes of this plan, "consistently" is defined as "generally holding true", "persistently over time", and/or "overall uniformly".
- 1. Evaluation Methods: The TOM will conduct performance evaluations based on the standards in paragraph 2 above using the following technique:
 - a. During the performance period of the task order, the TOM will continually and proactively monitor contractor efforts and obtain input from other Government personnel with performance oversight functions to ascertain the level of compliance with the Performance Standards.
 - b. Every 12 months after the effective date of the task order, the TOM will prepare a Task Order Performance Evaluation (TOPE) documenting the results of the efforts performed under paragraph 3.a. above.
 - c. The TOM will upload the TOPE to the SeaPort Portal.

1. Remedy

- a. If the annual Performance Evaluation indicates that the contractor has not met one or more of the Performance Standards, the following negative remedy becomes effective: the TOM will submit a negative TOPE on the SeaPort Portal for the applicable Performance Standard.
- b. This is a significant negative remedy as the TOPE is a key part of the Performance Monitoring process which:
 - i. Provides input to the annual Contractor Performance Assessment Report (CPAR); and
 - ii. Determines the contractor's ability to earn term extensions to its basic SeaPort-e contract in accordance with the Award Term provisions contained therein.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 66 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 67 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

SECTION D PACKAGING AND MARKING

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

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 68 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

SECTION E INSPECTION AND ACCEPTANCE

E-303 INSPECTION AND ACCEPTANCE- - DESTINATION (JAN 2002)

Inspection and acceptance of the services to be furnished hereunder shall be made at destination by the Task Order Manager or his duly authorized representative.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 69 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

SECTION F DELIVERABLES OR PERFORMANCE

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

7001	1/15/2016 - 9/25/2016
7002	9/26/2016 - 9/25/2017
7003	9/26/2017 - 9/25/2018
7101	1/15/2016 - 9/25/2016
7102	9/26/2016 - 9/25/2017
7103	9/26/2017 - 9/25/2018
7202	9/26/2016 - 9/25/2017
9001	1/15/2016 - 9/25/2016
9002	9/26/2016 - 9/25/2017
9003	9/26/2017 - 9/25/2018
9103	9/26/2017 - 9/25/2018
9202	9/26/2016 - 9/25/2017

CLIN - DELIVERIES OR PERFORMANCE

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

7001	1/15/2016 - 9/25/2016
7002	9/26/2016 - 9/25/2017
7101	9/26/2016 - 9/25/2017
7102	9/26/2016 - 9/25/2017
9001	1/15/2016 - 9/25/2016
9002	9/26/2016 - 9/25/2017

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

7003	9/26/2017 - 9/25/2018
7004	9/26/2018 - 9/25/2019
7005	9/26/2019 - 9/25/2020
7103	9/26/2017 - 9/25/2018
7104	9/26/2018 - 9/25/2019
7105	9/26/2019 - 9/25/2020
9003	9/26/2017 - 9/25/2018
9004	9/26/2018 - 9/25/2019
9005	9/26/2019 - 9/25/2020
9102	9/26/2016 - 9/25/2017

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 70 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

9103	9/26/2017 - 9/25/2018
9104	9/26/2018 - 9/25/2019
9105	9/26/2019 - 9/25/2020

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

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 71 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

SECTION G CONTRACT ADMINISTRATION DATA

Contracting Officer Representative

--	--	--

G-314 TYPE OF CONTRACT (DEC 1999)

This is a CPFF task order.

5252.232-9208 INVOICING INSTRUCTIONS FOR SERVICES USING WIDE AREA WORK FLOW (WAWF) (APR 2009)

(a) Invoices for services rendered under this contract shall be submitted electronically through the Wide Area Work Flow-Receipt and Acceptance (WAWF). The contractor shall submit invoices for payment per contract terms. The Government shall process invoices for payment per contract terms.

(b) The vendor shall have their Cage Code activated by calling 1-866-618-5988 and selecting option 2. Once activated, the vendor shall self-register at the WAWF website at <https://wawf.eb.mil>. Vendor training is available on the internet at <https://wawftraining.eb.mil>. WAWF Vendor "Quick Reference" Guides are located at the following web site: http://acquisition.navy.mil/rda/home/acquisition_one_source/ebusiness/don_ebusiness_solutions/wawf_overview/vendor_information

(c) Cost back-up documentation (such as delivery receipts, labor hours & material/travel costs etc.) shall be included and attached to the invoice in WAWF. Attachments created with any Microsoft Office product or Adobe (.pdf files) are attachable to the invoice in WAWF. The total size limit for files per invoice is 5 megabytes. A separate copy shall be sent to the COR

(d) Contractors approved by DCAA for direct billing will not process vouchers through DCAA, but may submit directly to DFAS. Vendors MUST still provide a copy of the invoice and any applicable cost back-up documentation supporting payment to the Acceptor/Contracting Officer's Representative (COR) if applicable. Additionally, a copy of the invoice(s) and attachment(s) at time of submission in WAWF shall also be provided to each point of contact identified in section (g) of this clause by email. If the invoice and/or receiving report are delivered in the email as an attachment it must be provided as a .PDF, Microsoft Office product or other mutually agreed upon form between the Contracting Officer and vendor.

(e) A separate invoice will be prepared no more frequently than for every two weeks. Do not combine the payment claims for services provided under this contract.

(f) The following information is provided for completion and routing of the invoice in WAWF:

Invoice Type	Cost Vouchers
Issued by	N65236
Admin by	Code S4402A (DCMA DALLAS)
DCAA Auditor	Code ____ (DCAA ____ Branch Office)
Service Approver	Code S4402A (DCMA DALLAS)
Pay by	Code HQ0339 (DFAS COLUMBUS CENTER, WESTERN ENTITLEMENT)

(g) After submitting the document(s) to WAWF, click on "Send More Email Notifications" and add the

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 72 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

acceptor/receiver email addresses noted below in the email address blocks. The contractor shall, at a minimum, include the COR, Receiver, and Acceptor. This additional notification to the government is necessary to ensure that the acceptor/receiver is aware that the invoice documents have been submitted into WAWF: Send Additional Email Notification(s) to:

Name	Email	Phone	Role

The contractor shall cite on each invoice/voucher, in addition to all other requirements of this contract/order, the contract line item number (CLIN); the contract subline item number (SLIN) and accounting classification reference number (ACRN) for the portion, or portions of work being billed as specified in the contract or delivery order. For each ACRN on the invoice/voucher, the contractor shall identify the amount being billed against that ACRN.

Invoices shall be submitted in accordance with Wide Area Work Flow as annotated by the basic contract. The contractor will electronically submit his invoices using the Wide Area Workflow (WAWF) web site located at <https://wawf.eb.mil>.

The telephone number for assistance pertaining to Wide Area Work Flow is 800-559-9293.

DELIVERY ORDER LIMITATIONS OF COST/FUNDS (DEC 1999)

In accordance with the FAR Clause 52.232-20, "Limitation of Cost," or 52.232-22 "Limitation of Funds," the Government shall not be obligated to reimburse the Contractor for work performed, items delivered, or any costs incurred under orders issued under the resultant contract, except as authorized by the contracting officer.

The cost factors utilized in determining the estimated costs under any order placed hereunder shall be the applicable rates current at the time of issuance of the task or delivery order, not to exceed, however, any ceilings established by the terms of this contract. If at any time 75% of either the estimated cost or estimated level of effort specified in the task or delivery order is reached and it appears that additional funds and/or level of effort is required to complete performance, the Contractor shall promptly notify the Ordering Officer in writing. Such notification shall include the cost and level of effort expended and that which will be required to complete performance. The Government shall have the right to modify the task or delivery order accordingly.

If the Contractor exceeds the estimated costs authorized by task or delivery order placed hereunder, the Government will be responsible only for reimbursement of the cost and payment of fee in an amount up to that established by the task or delivery order.

The total amount of all task or delivery orders issued shall not exceed the estimated costs and fixed fee or level of effort set forth in this contract.

(End of clause)

Pursuant to the requirement at DFARS PGI 204.7108, Payment Instructions (d) (12) none of the standard payment instructions identified in paragraphs (d)(1) through (11) of this section are appropriate, 252.204-0001 thru 0011 cannot be applied due to the nature of SEAPORT ORDER and that each ACRN is applicable to each CLIN and the sequence of work cannot be predicted in advance. The Payment instructions below provide a significantly better reflection of how funds will be expended in support of contract performance.

INVOICING AND PAYMENT INSTRUCTIONS FOR MULTIPLE ACCOUNTING CLASSIFICATION CITATIONS

Consistent with task order clause 5252.232-9206, Segregation of Costs, the contractor shall segregate and accumulate costs for the performance of this task order by the appropriate Accounting Classification Reference Number (ACRN). The contractor's invoice shall identify the appropriate Contract and Task Order numbers. For the work performed, invoiced costs shall be associated to the Contract Line Item Number (CLIN), the Contract Subline Item (SLIN), and the specific ACRN. Invoices submitted to the paying office that do not comply with this requirement will be returned to the contractor for resubmission. The contractor shall provide an electronic copy of each invoice to the Task Order Manager at the time of submission to DCAA/DFAS. The paying office will

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 73 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

disburse funds in strict compliance with the amounts invoiced by CLIN/SLIN/ACRN.

NAVY SUP 5252.232-9400 - LIMITATION OF LIABILITY – INCREMENTAL FUNDING

This delivery order is incrementally funded and the amount currently available for payment hereunder is limited to. It is estimated that these funds will cover the cost of performance through **25 September 2018** of Option Period 2. Subject to the provisions of the clause entitled "Limitation of Funds" (APR 94) (FAR 52.232-22) of the general provisions of this contract, no legal liability on the part of the Government for payment in excess of shall arise unless additional funds are made available and are incorporated as a modification to the delivery order.

CLIN	Est. CPFF Total Order NTE	Total Funded Amount	Unfunded Balance
7001			
7101			
9001			
7002			
7102			
7202			
9002			
9202			
7003			
7103			
9003			
7004			
7104			
9004			
7005			
7105			
9005			
TOTAL			

Accounting Data

SLINID PR Number

Amount

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 74 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

700101 130046386900002

LLA :

AA 9760130 1884 IO426596_CS_168 07793-2016 HAIM42-TMA-257-HT0003512383 044226

Standard Number: HT0003512383

NWA: 100001094141 0060

TASK 3.8.1

700102 130046386900003

LLA :

AB 9760130 1884 IO6596_CS_16807793-2016 SUPPORTS-TMA-257 HT0003512361 044226

Standard Number: HT0003512361

NWA: 100001093856 0060

TASK 3.2,3.3

700103 130046386900004

LLA :

AC 9760130 1884 010 10104 0 080779 3 257.31 HT000351239 9 044226

Standard Number: HT0003512399

NWA: 100001095051 0060

TASK 3.2,3.3

700104 130046386900005

LLA :

AD 9760130 1884 IO6596_CS_16807793-2016 MEDCIO-TMA-257-HT0003512402 044226

Standard Number: HT0003512402

NWA: 100001091548 0060

TASK 3.2,3.5

700105 130046386900006

LLA :

AE 9760130 1884 010 10104 0 080779 3 257.31 HT000351234 9 044226

Standard Number: HT0003512349

NWA: 100001090127 0060

TASK 3.6,3.7

700106 130046386900007

LLA :

AF 9760130 1884 IO6596_CS_16807793-2016 MEDCIO-TMA-257 HT0006512377 044226

Standard Number: HT0003512377

NWA: 100001091456 0060 TASK 3.4

BASE Funding Cumulative
Funding

MOD 01 Funding Cumulative
Funding

MOD 02

700107 130055327600001

LLA :

AG 9760130 1884 IO6 596_C S _16807 79 3-2016 GENSPT-TMA- 257-HT0003512351 01-0 044226

ACRN AG: Labor for PWS

PR: 1300553276

FUNDING DOC: HT0003512351

NWA/BS: 1000010913570 0060

700108 130055327600002

LLA :

AH 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512399 044226

ACRN AH: Labor for PWS

PR: 1300553276

FUNDING DOC: HT0003512399

NWA/BS: 100001095051 0060

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 75 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

900101 130055327600003

LLA :

AH 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512399 044226

ACRN AH: ODCs

PR: 1300553276

FUNDING DOC: HT0003512399

NWA/BS: 100001095051 0060

900102 130055327600004

LLA :

AJ 9760130 1884 IO6 596-C S -16807 79 3-2016 MEDCOI-TMA- 257-HT0003512377 044226

ACRN AJ: ODCs

PR: 1300553276

FUNDING DOC: HT0003512377

NWA/BS: 100004091456 0060

900103 130055327600005

LLA :

AK 9760130 1884 IO4 26596 _ CS_168 07 793-20 16 HAIM42-TM A-257-HT0003512383 044226

ACRN AK: ODCs

PR: 1300553276

FUNDING DOC: HT0003512383

NWA/BS: 100001094141 0060

900104 130055327600006

LLA :

AL 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512402 044226

ACRN AL: ODCs

PR: 1300553276

FUNDING DOC: HT0003512402

NWA/BS: 100001091548 0060

MOD 02 Funding Cumulative
Funding

MOD 03

700109 130056359000002

LLA :

AM 9760130 1884 DMI X4122 _ CS_168 07 788-20 16 DMIX TEST -TMA-257-HT0003613526 044226

ACRN AM: Labor for PWS

PR: 1300563590

FUNDING DOC: HT0003613526

NWA/BS: 100001153761 0040

700110 130056359000004

LLA :

AN 9760130 1884 HEI S1690 _ IATD_C S_ 168077 93-2016 IATD CSPMCONT-TMA-253-HT00 044226

ACRN AN: Labor for PWS

PR: 1300563590

FUNDING DOC: HT0003613265

NWA/BS: 100001145476 0060

900105 130056359000003

LLA :

AM 9760130 1884 DMI X4122 _ CS_168 07 788-20 16 DMIX TEST -TMA-257-HT0003613526 044226

ACRN AM: ODCs

PR: 1300563590

FUNDING DOC: HT0003613526

NWA/BS: 10001153761 0040

MOD 03 Funding Cumulative
Funding

MOD 04

700111 130057021800002

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 76 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

LLA :

AP 9760130 1884 010 10104 0 080779 3 257.31 HT000351234 9 044226

ACRN AP Labor for PWS-Subtask 3.6, 3.7

PR 1300570218

FUNDING DOC HT0003512349

NWA/BS: 100001090127 0060

700112 130057021800005

LLA :

AK 9760130 1884 IO4 26596 _ CS_168 07 793-20 16 HAIM42-TM A-257-HT0003512383 044226

ACRN AK - Labor for PWS-Subtask 3.8.1

PR 1300570218

FUNDING DOC: HT0003512383

NWA/BS: 100001094141 0060

700113 130057021800007

LLA :

AQ 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512399 044226

ACRN AQ: Labor for PWS-Subtask 3.2.3.3

PR 1300570218

FUNDING DOC: HT0003512399

NWA/BS: 100001095051 0060

700114 130057021800008

LLA :

AJ 9760130 1884 IO6 596-C S -16807 79 3-2016 MEDCOI-TMA- 257-HT0003512377 044226

ACRN AJ: Labor for PWS-Subtask 3.4

PR 1300570218

FUNDING DOC: HT0003512377

NWA/BS: 10001091456 0060

700115 130057021800010

LLA :

AL 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512402 044226

ACRN AL: Labor for PWS-Subtask 3.2, 3.3, 3.4, 3.5

PR 1300570218

FUNDING DOC: HT0003512402

NWA/BS: 100001091548 0060

700116 130057021800012

LLA :

AG 9760130 1884 IO6 596_C S _16807 79 3-2016 GENSPT-TMA- 257-HT0003512351 01-0 044226

ACRN AG: Labor for PWS-Subtask 3.5

PR 1300570218

FUNDING DOC: HT0003512351

NWA/BS: 100001091357 0060

700117 130057021800016

LLA :

AR 9760130 1884 IO6 596_C S _16807 79 3-2016 D2D UFR-TMA -257-HT0003613773 044226

ACRN AR: Labor for PWS-Subtask 3.8.2

PR 1300570218

FUNDING DOC: HT0003613773

NWA/BS: 100001094073 0060

700118 130057021800018

LLA :

AN 9760130 1884 HEI S1690 _ IATD_C S_ 168077 93-2016 IATD CSPMCONT-TMA-253-HT00 044226

ACRN AN: Labor for PWS-Subtask 3.2.3.3

PR 1300570218

FUNDING DOC: HT0003613265

NWA/BS: 100001145476 0060

710101 130057021800015

LLA :

AS 9740130 1874 HAI MS423 6 28_148 07 721-20 14 DHIMSDMHA IM42-TMA-257-HT000361 044226

ACRN AS: Labor for PWS-Subtask 3.8

PR 1300570218

FUNDING DOC: HT0003613271

NWA/BS: 100001156038 0060

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 77 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

710102 130057021800019

LLA :

AT 9740130 1874 HAI MS423 6 28_148 07 721-20 14 DHIMSDMHA IM42-TMA-257 044226

ACRN AT: Labor for PWS-Subtask 3.8

PR 1300570218

FUNDING DOC: HT0003613272

NWA/BS: 100001156039 0060

900106 130057021800006

LLA :

AK 9760130 1884 IO4 26596 _ CS_168 07 793-20 16 HAIM42-TM A-257-HT0003512383 044226

ACRN AK - ODCs Subtask 3.8.1

PR 1300570218

FUNDING DOC: HT0003512383

NWA/BS: 100001094141 0060

900107 130057021800009

LLA :

AJ 9760130 1884 IO6 596-C S -16807 79 3-2016 MEDCOI-TMA- 257-HT0003512377 044226

ACRN AJ: ODCs - Subtask 3.4

PR 1300570218

FUNDING DOC: HT0003512377

NWA/BS: 10001091456 0060

900108 130057021800011

LLA :

AL 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512402 044226

ACRN AL: ODCs Subtask 3.2, 3.3, 3.4, 3.5

PR 1300570218

FUNDING DOC: HT0003512402

NWA/BS: 100001091548 0060

900109 130057021800013

LLA :

AG 9760130 1884 IO6 596_C S _16807 79 3-2016 GENSPT-TMA- 257-HT0003512351 01-0 044226

ACRN AG - ODCs - Subtask 3.5

PR 1300570218

FUNDING DOC: HT0003512351

NWA/BS: 100001091357 0060

900110 130057021800017

LLA :

AR 9760130 1884 IO6 596_C S _16807 79 3-2016 D2D UFR-TMA -257-HT0003613773 044226

ACRN AR: ODCs - Subtask 3.8.2

PR 1300570218

FUNDING DOC: HT0003613773

NWA/BS: 100001094073 0060

MOD 04 Funding Cumulative
Funding

MOD 05

700119 130058529300001

LLA :

AU 9760130 1884 IO6 596_C S _16807 79 3-2015 SUPPORTS-TM A-257-HT00003512361 0 044226

Standard Number: HT0003512361

PR 1300585293

ACRN AU (Tasks PWS 3.2, 3.3)

DOC: HT0003512361

NWA/BS#: 100001093856 0060

700120 130058529300002

LLA :

AP 9760130 1884 010 10104 0 080779 3 257.31 HT000351234 9 044226

Standard Number: HT0003512349

PR 1300585293

ACRN AP (PWS tasks 3.6, 3.7)

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 78 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

DOC: HT0003512349

NWA/BS#: 100001090127 0060

700121 130058529300004

LLA :

AR 9760130 1884 IO6 596_C S _16807 79 3-2016 D2D UFR-TMA -257-HT0003613773 044226

Standard Number: HT0003613773

PR 1300585293

ACRN AR (PWS tasks 3.8.2)

Doc: HT0003613773

NWA/BS#: 100001094073 0060

700122 130058529300006

LLA :

AJ 9760130 1884 IO6 596-C S -16807 79 3-2016 MEDCOI-TMA- 257-HT0003512377 044226

Standard Number: HT0003512377

PR 1300585293

ACRN AJ (PWS tasks 3.4)

Doc: HT0003512377

NWA/BS#: 100001091456 0060

700123 130058529300007

LLA :

AQ 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512399 044226

Standard Number: HT0003512399

PR 1300585293

ACRN AQ (PWS tasks 3.2, 3.3)

Doc: HT0003512399

NWA/BS#: 100001095051 0060

700124 130058529300008

LLA :

AL 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512402 044226

Standard Number: HT0003512402

PR 1300585293

ACRN AL (PWS tasks 3.2, 3.3, 3.4, 3.5)

Doc: HT0003512402

NWA/BS#: 100001091548 0060

700125 130058529300009

LLA :

AG 9760130 1884 IO6 596_C S _16807 79 3-2016 GENSPT-TMA- 257-HT0003512351 01-0 044226

Standard Number: HT0003512351

PR 1300585293

ACRN AG (PWS tasks 3.5)

Doc: HT0003512351

NWA/BS#: 100001091357 0060

700126 130058529300010

LLA :

AV 9760130 1884 DHM SM003 3 _CS_16 80 7787-2 016 DHMSM TE ST-TMA-257 044226

Standard Number: HT0003614387

PR 1300585293

ACRN AV (PWS tasks 3.5)

Doc: HT0003614387

NWA/BS#: 100001091360 0060

900111 130058529300003

LLA :

AP 9760130 1884 010 10104 0 080779 3 257.31 HT000351234 9 044226

Standard Number: HT0003512349

PR 1300585293

ACRN AP (PWS tasks 3.6, 3.7 ODCs)

Doc: HT0003512349

NWA/BS#: 100001090127 0060

900112 130058529300005

LLA :

AR 9760130 1884 IO6 596_C S _16807 79 3-2016 D2D UFR-TMA -257-HT0003613773 044226

Standard Number: HT0003613773

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 79 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

PR 1300585293
ACRN AR (PWS tasks 3.8.2 ODCs)
Doc: HT0003613773
NWA/BS#: 100001094073 0060

MOD 05 Funding Cumulative
Funding

MOD 06

700109 130056359000002
LLA :
AM 9760130 1884 DMI X4122 _ CS_168 07 788-20 16 DMIX TEST -TMA-257-HT0003613526 044226
ACRN AM: Labor for PWS
PR: 1300563590
FUNDING DOC: HT0003613526
NWA/BS: 100001153761 0040

900105 130056359000003
LLA :
AM 9760130 1884 DMI X4122 _ CS_168 07 788-20 16 DMIX TEST -TMA-257-HT0003613526 044226
ACRN AM: ODCs
PR: 1300563590
FUNDING DOC: HT0003613526
NWA/BS: 10001153761 0040

MOD 06 Funding Cumulative
Funding

MOD 07

700201 130058662700002
LLA :
AW 9760130 1884 010 10104 0 080779 3 257.31 HT000351234 9 044226
Standard Number: HT0035122349

700202 130058662700004
LLA :
AX 9760130 1884 IO6 596_C S _16807 79 3-2015 SUPPORTS-TM A-257-HT00003512361 0 044226
Standard Number: HT0005122361

700203 130058662700005
LLA :
AY 9760130 1884 IO6 596-C S -16807 79 3-2016 MEDCOI-TMA- 257-HT0003512377 044226
Standard Number: HT0003512377

700204 130058662700007
LLA :
AZ 9760130 1884 IO4 26596 _ CS_168 07 793-20 16 HAIM42-TM A-257-HT0003512383 044226
Standard Number: HT0003512383

700205 130058662700009
LLA :
BA 9760130 1884 IO6 596_C S _16807 79 3-2016 D2D UFR-TMA -257-HT0003613773 044226
Standard Number: HT0003613773

700206 130058662700011
LLA :
BB 9760130 1884 IO6 596_C S _16807 79 3-2016 GENSPT-TMA- 257-HT0003512351 01-0 044226
Standard Number: HT0003512351

700207 130058662700013
LLA :
BC 9760130 1884 IO6 596_C S _16807 79 3-2016 D2D-TMA-257 -HT0003613924 044226
Standard Number: HT0003613924

700208 130058662700014
LLA :

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 80 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

BD 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003614535 01 044226
Standard Number: HT0003614535

700209 130058662700015

LLA :

BE 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512399 044226
Standard Number: HT0003512399

700210 130058662700017

LLA :

BF 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003614536 044226
Standard Number: HT0003614536

710201 130058662700018

LLA :

BH 9750130 1874 HAI MS423 6 28_158 07 721-20 15 DHCSDMHAI M42-TMA-257 044226
Standard Number: HT0003613273

900201 130058662700003

LLA :

AW 9760130 1884 010 10104 0 080779 3 257.31 HT000351234 9 044226
Standard Number: HT003512349

900202 130058662700006

LLA :

AY 9760130 1884 IO6 596-C S -16807 79 3-2016 MEDCOI-TMA- 257-HT0003512377 044226
Standard Number: HT0003512377

900203 130058662700008

LLA :

AZ 9760130 1884 IO4 26596 _ CS_168 07 793-20 16 HAIM42-TM A-257-HT0003512383 044226
Standard Number: HT0003512383

900204 130058662700010

LLA :

BA 9760130 1884 IO6 596_C S _16807 79 3-2016 D2D UFR-TMA -257-HT0003613773 044226
Standard Number: HT0003613773

900205 130058662700012

LLA :

BB 9760130 1884 IO6 596_C S _16807 79 3-2016 GENSPT-TMA- 257-HT0003512351 01-0 044226
Standard Number: HT0003512351

900206 130058662700016

LLA :

BE 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512399 044226
Standard Number: HT0003512399

900207 130058662700019

LLA :

BG 9760130 1884 IO6 596_C S _16807 79 3-2016 MEDCOI-TMA- 257-HT0003512402 044226
Standard Number: HT0003512402

MOD 07 Funding Cumulative
Funding

MOD 08

700211 130058938000001

LLA :

BJ 9760130 1884 IO6 596CS _ 168077 93 -2016 JAD-TMA-257- HT0003612940 01-010-1 044226
Standard Number: HT0003612940
NWA/BS: 100001094679 0402

700212 130058938000002

LLA :

BK 9760130 1884 IO4 26596 _ CS_168 07 793-20 16 HAIM42-TM A-257-HT0003512383 044226
Standard Number: 130058938000002
NWA/BS: 100001094141 0060

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 81 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

700213 130058938000003

LLA :

BL 9760130 1884 EBM S3993 _ CS_168 07 793-20 16 EBMDST- TMA-257-HT0003614420 044226

Standard Number: HT0003614420

NWA/BS: 100001091446 0060

700214 130058938000004

LLA :

BM 9760130 1884 EBM S3993 _ CS_168 07 793-20 16 EBMTST- TMA-257-HT0003614419 044226

Standard Number: HT0003614419

NWS/BS: 100001091445 0060

700215 130058938000005

LLA :

BN 9760130 1884 IO4 26596 _ CS_168 07 793-20 16 HAIM42-TM A-257-HT0003614418 044226

Standard Number: HT0003614418

NWA/BS: 100001091444 0060

700216 130058938000006

LLA :

BP 9760130 1884 HIT _CIO_ C S_1680 77 93-201 6 PFMCR-TMA- 257-HT0003614421 044226

Standard Number: HT0003614421

NWA/BS: 100001178636 0060

700217 130058938000007

LLA :

BQ 9760130 IO_ INFAD _ CS_168 07 781-20 16 NAVY HOST ING TMA- 257-HT000361 044226

Standard Number: HT0003614417

NWA/BS: 100001091442 0060

700218 130058938000008

LLA :

BR 9760130 1884 IO6 596_C S _16807 79 3-2016 MESOC-TMA-2 57-HT0003614422 044226

Standard Number: HT0003614422

NWA/BS: 100001178637 0060

700219 130058938000009

LLA :

AV 9760130 1884 DHM SM003 3 _CS_16 80 7787-2 016 DHMSM TE ST-TMA-257 044226

Standard Number: HT0003614387

NWA/BS: 100001091360 0060

700220 130058938000010

LLA :

AX 9760130 1884 IO6 596_C S _16807 79 3-2015 SUPPORTS-TM A-257-HT00003512361 0 044226

Standard Number: HT0003512361

NWA/BS: 100001093856 0060

700221 130058938000011

LLA :

BA 9760130 1884 IO6 596_C S _16807 79 3-2016 D2D UFR-TMA -257-HT0003613773 044226

Standard Number: HT0003613773

NWA/BS: 100001094073 0060

700222 130058938000012

LLA :

BS 9760130 1884 IO6 596_C S _16807 79 3-2016 MHSV-TMA-25 7-HT0003512379 044226

Standard Number: HT0003512379

NWA/BS: 100001093445 0060

700223 130058938000013

LLA :

AY 9760130 1884 IO6 596-C S -16807 79 3-2016 MEDCOI-TMA- 257-HT0003512377 044226

Standard Number: HT0003512377

NWA/BS: 100001091456 0060

700224 130058938000014

LLA :

BB 9760130 1884 IO6 596_C S _16807 79 3-2016 GENSPT-TMA- 257-HT0003512351 01-0 044226

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 82 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

Standard Number: HT0003512351
NWA/BS: 100001091357 0060

700225 130058938000015
LLA :
AW 9760130 1884 010 10104 0 080779 3 257.31 HT000351234 9 044226
Standard Number: HT0003512349
NWA/BS: 100001090127 0060

700226 130058938000021
LLA :
AM 9760130 1884 DMI X4122 _ CS_168 07 788-20 16 DMIX TEST -TMA-257-HT0003613526 044226
Standard Number: HT0003613526
NWA/BS: 100001153761 0040

900208 130058938000016
LLA :
BK 9760130 1884 IO4 26596 _ CS_168 07 793-20 16 HAIM42-TM A-257-HT0003512383 044226
Standard Number: HT0003512383
KWA/BS: 100001094141 0060

900209 130058938000017
LLA :
BP 9760130 1884 HIT _CIO_ C S_1680 77 93-201 6 PFMCR-TMA- 257-HT0003614421 044226
Standard Number: HT0003614421
NWA/BS: 100001178636 0060

900210 130058938000018
LLA :
AX 9760130 1884 IO6 596_C S _16807 79 3-2015 SUPPORTS-TM A-257-HT00003512361 0 044226
Standard Number: HT0003512361
NWA/BS: 100001093856 0060

900211 130058938000019
LLA :
BA 9760130 1884 IO6 596_C S _16807 79 3-2016 D2D UFR-TMA -257-HT0003613773 044226
Standard Number: HT0003613773
NWA/BS: 100001094073 0060

900212 130058938000020
LLA :
AY 9760130 1884 IO6 596-C S -16807 79 3-2016 MEDCOI-TMA- 257-HT0003512377 044226
Standard Number: HT0003512377
NWA/BS: 100001091456 0060

900213 130058938000022
LLA :
AM 9760130 1884 DMI X4122 _ CS_168 07 788-20 16 DMIX TEST -TMA-257-HT0003613526 044226
Standard Number: HT0003613526
NWA/BS: 100001153761 0040

MOD 08 Funding Cumulative
Funding

MOD 09

700216 130058938000006
LLA :
BP 9760130 1884 HIT _CIO_ C S_1680 77 93-201 6 PFMCR-TMA- 257-HT0003614421 044226
Standard Number: HT0003614421
NWA/BS: 100001178636 0060

900209 130058938000017
LLA :
BP 9760130 1884 HIT _CIO_ C S_1680 77 93-201 6 PFMCR-TMA- 257-HT0003614421 044226
Standard Number: HT0003614421
NWA/BS: 100001178636 0060

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 83 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

MOD 09 Funding Cumulative
Funding

MOD 10 Funding Cumulative
Funding

MOD 11

710202 130060736700002

LLA :

BT 9760130 1874 HAI MS423 6 28_168 07 721-20 16 DMHAIM42- TMA-257-HT0003615230 044226

Standard Number: HT0003615230

ACRN: BT - Incr. Funding

PR: 1300607367

CIN: 130060736700002

NWA/BS: 100001156040

Funding Doc: HT0003615230

Type: DC-Dir

Appropriation: OP

MOD 11 Funding Cumulative
Funding

MOD 12

700227 130061138200001

LLA :

BU 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226

Standard Number: HT0003614712

NWA: #100001198980 0060

700228 130061138200002

LLA :

BU 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226

Standard Number: HT0003614712

NWA: #100001198980 0060

700229 130061138200004

LLA :

BV 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614714 044226

Standard Number: HT0003614714

NWA: #100001199625 0060

700230 130061138200005

LLA :

BW 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614717 044226

Standard Number: HT0003614717

NWA: #100001199738 0060

700231 130061138200006

LLA :

BX 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614720 044226

Standard Number: HT0003614720

NWA: #100001199733 0060

700232 130061138200007

LLA :

BY 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614758 044226

Standard Number: HT0003614758

NWA: #100001199792 0060

900214 130061138200003

LLA :

BU 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226

Standard Number: HT0003614712

NWA: #100001198980 0060

900215 130061138200008

LLA :

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 84 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

BY 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614758 044226
Standard Number: HT0003614758
NWA: #100001199792 0060

MOD 12 Funding Cumulative
Funding

MOD 13

700233 130062422000002

LLA :

BZ 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614720 044226

ACRN BZ: Labor for PWS - Tasks 3.2, 3.3, 3.4, 3.5

PR 1300624220

FUNDING DOC: HT0003614720

NWA/BS: 100001199733 0060

FUNDS EXP: 9/30/2017

700234 130062422000004

LLA :

CA 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614717 044226

ACRN CA: Labor for PWS - Tasks 3.2, 3.3

PR 1300624220

FUNDING DOC: HT0003614717

NWA/BS: 100001199738 0060

FUNDS EXP: 9/30/2017

700235 130062422000006

LLA :

CB 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614758 044226

ACRN CB: Labor for PWS - Task 3.8.1

PR 1300624220

FUNDING DOC: HT0003614758

NWA/BS: 100001199792 0060

FUNDS EXP: 9/30/2017

700236 130062422000008

LLA :

CB 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614758 044226

ACRN CB: Labor for PWS - Task 3.5

PR 1300624220

FUNDING DOC: HT0003614758

NWA/BS: 100001199792 0060

FUNDS EXP: 9/30/2017

700237 130062422000009:

LLA :

CC 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226

ACRN CC: Labor for PWS - Tasks 3.6, 3.7

PR 1300624220

FUNDING DOC: HT0003614712

NWA/BS: 100001198980 0060

FUNDS EXP: 9/30/2017

700238 130062422000011

LLA :

CD 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614714 044226

ACRN CD: Labor for PWS - Task 3.5

PR 1300624220

FUNDING DOC: HT0003614714

NWA/BS: 100001199625 0060

FUNDS EXP: 9/30/2017

700239 130062422000013

LLA :

CE 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614753 044226

ACRN CE: Labor for PWS - Task 3.4

PR 1300624220

FUNDING DOC: HT0003614753

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 85 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

NWA/BS: 100001199728 0060
FUNDS EXP: 9/30/2017

700240 130062422000015
LLA :
CF 9770130 1884 010 10104 0 080778 8 257.31 HT000371570 7 044226
ACRN CF: Labor for PWS - Task 3.7
PR 1300624220
FUNDING DOC: HT0003715707
NWA/BS: 100001226249 0040
FUNDS EXP: 9/30/2017

720201 130062422000017
LLA :
CG 9760130 1834 DHM SM003 3 _16483 60 5026-2 016 DHMSM TE ST-TMA-251 044226
ACRN CG: Labor for PWS - Task 3.7
PR 1300624220
FUNDING DOC: HT0003715840
NWA/BS: 100001233992 0040
FUNDS EXP: 9/30/2017

900216 130062422000003
LLA :
BZ 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614720 044226
ACRN BZ: Funding for ODCs
PR 1300624220

900217 130062422000005
LLA :
CA 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614717 044226
ACRN CA: Funding for ODCs
PR 1300624220

900218 130062422000007
LLA :
CB 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614758 044226
ACRN CB: Funding for ODCs
PR 1300624220

900219 130062422000010
LLA :
CC 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226
ACRN CC: Funding for ODCs
PR 1300624220

900220 130062422000012
LLA :
CD 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614714 044226
ACRN CD: Funding for ODCs
PR 1300624220

900221 130062422000014
LLA :
CE 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614753 044226
ACRN CE: Funding for ODCs
PR 1300624220

900222 130062422000016
LLA :
CF 9770130 1884 010 10104 0 080778 8 257.31 HT000371570 7 044226
ACRN CF: Funding for ODCs
PR 1300624220

920201 130062422000018
LLA :
CG 9760130 1834 DHM SM003 3 _16483 60 5026-2 016 DHMSM TE ST-TMA-251 044226
ACRN CG: Funding for ODCs
PR 1300624220

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 86 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

MOD 13 Funding Cumulative
Funding

MOD 14 Funding Cumulative
Funding

MOD 15

700241 130063056500001

LLA :

CH 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003615386 044226

Standard Number: HT0003615386

ACRN CH: Labor for PWS 3.8.2

PR 1300630565

NWA 100001201136 0011

HT0003615386

Exp: 9/30/2017

900223 130063056500002

LLA :

CJ 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003615386 044226

Standard Number: HT0003615386

ACRN CJ: ODCs for PWS 3.8.2

PR 1300630565

NWA 100001201136 0011

HT0003615386

Exp: 9/30/2017

MOD 15 Funding Cumulative
Funding

MOD 16

700242 130064555600001

LLA :

CC 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226

Standard Number: HT0003614712

ACRN CC Labor for PWS 3.6 and 3.7

PR 1300645556-0001

NWA 100001198980 0060

HT0003614712

Exp: 09/30/2017

700243 130064555600002

LLA :

CK 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257- 044226

Standard Number: HT0003717186

ACRN CK Labor for PWS 3.4

PR 1300645556-0001

NWA 100001199730 0060

HT0003717186

Exp: 09/30/2017

700244 130064555600007

LLA :

CL 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257 044226

Standard Number: HT0003717189

ACRN CL Labor for PWS 3.2, 3.3, 3.4, and 3.5

PR 1300645556-0001

NWA 100001199735 0060

HT0003717189

Exp: 09/30/2017

700245 130064555600006

LLA :

CK 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257- 044226

Standard Number: HT0003717221

ACRN CK Labor for PWS 3.5

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 87 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

PR 1300645556-0001
 NWA 100001199629 0060
 HT0003717221
 Exp: 09/30/2017

700246 130064555600003
 LLA :
 CD 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614714 044226
 Standard Number: HT0003614714
 ACRN CD Labor for PWS 3.5
 PR 1300645556-0001
 NWA 100001199625 0060
 HT0003614714
 Exp: 09/30/2017

900224 130064555600004
 LLA :
 CC 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226
 Standard Number: HT0003614712
 ACRN CC ODCs for PWS 3.6 and 3.7
 PR 1300645556-0001
 NWA 100001198980 0060
 HT0003614712
 Exp: 09/30/2017

900225 130064555600008
 LLA :
 CL 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257 044226
 Standard Number: HT0003717189
 ACRN CL ODCs for PWS 3.2, 3.3, 3.4, and 3.5
 PR 1300645556-0001
 NWA 100001199735 0060
 HT0003717189
 Exp: 09/30/2017

900226 130064555600005
 LLA :
 CD 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614714 044226
 Standard Number: HT0003614714
 ACRN CD ODCs for PWS 3.5
 PR 1300645556-0001
 NWA 100001199625 0060
 HT0003614714
 Exp: 09/30/2017

900227 130064555600009
 LLA :
 CK 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257- 044226
 Standard Number: HT0003717186
 ACRN CK ODCs for PWS 3.4
 PR 1300645556-0001
 NWA 100001199730 0060
 HT0003717186
 Exp: 09/30/2017

MOD 16 Funding Cumulative
 Funding

MOD 17

700247 130066051700001
 LLA :
 CM 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257- 044226
 Standard Number: HT0003717186
 100001199730 0060
 Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 88 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

700248 130066051700002

LLA :

CN 9770130 1884 DHM SM003 3 _CS_17 80 7787-2 017 DHMS DHM SM OM-TMA-257 044226

Standard Number: HT0003717800

100001199731 0060

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

700249 130066051700003

LLA :

CP 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257 044226

Standard Number: HT0003717189

100001199735 0060

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

700250 130066051700004

LLA :

CQ 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA DA AS-TMA-257 044226

Standard Number: HT0003717205

100001270070 0014

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

700251 130066051700005

LLA :

CR 9770130 1884 IOI NFAD_ C S_1780 77 81-201 7 NAVY MESOC -TMA-257-HT0003717680 044226

Standard Number: HT0003717680

100001199630 0060

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

700252 130066051700006

LLA :

CS 9770130 1884 IO6 596_C S _17807 79 3-2017 IA 4111-TMA -257-HT0003717292 044226

Standard Number: HT0003717292

100001278610 0060

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

720201 130062422000017

LLA :

CG 9760130 1834 DHM SM003 3 _16483 60 5026-2 016 DHMSM TE ST-TMA-251 044226

ACRN CG: Labor for PWS - Task 3.7

PR 1300624220

FUNDING DOC: HT0003715840

NWA/BS: 100001233992 0040

FUNDS EXP: 9/30/2017

900228 130066051700007

LLA :

CM 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257- 044226

Standard Number: HT0003717186

100001199730 0060

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

900229 130066051700008

LLA :

CT 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614717 044226

Standard Number: HT0003614717

100001199738 0060

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 89 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

performance period cannot exceed 12 months.

900230 130066051700009

LLA :

CU 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226

Standard Number: HT0003614712

100001198980 0060

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

900231 130066051700010

LLA :

CS 9770130 1884 IO6 596_C S _17807 79 3-2017 IA 4111-TMA -257-HT0003717292 044226

Standard Number: HT0003717292

100001278610 0060

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

900232 130066051700011

LLA :

CV 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614714 044226

Standard Number: HT0003614714

100001199625 0060

Funds expire 30 Sep 2017. Work is severable and will cross over the fiscal year in which funds legally expire citing 10 USC 2410(a) authority, the duration of the performance period cannot exceed 12 months.

920201 130062422000018

LLA :

CG 9760130 1834 DHM SM003 3 _16483 60 5026-2 016 DHMSM TE ST-TMA-251 044226

ACRN CG: Funding for ODCs

PR 1300624220

MOD 17 Funding Cumulative
Funding

MOD 18

700301 130066265000002

LLA :

CW 9770130 1884 IO1 NFAD_ C S_1780 77 81-201 7 D2D MOA CS MS-TMA-257-HT00037178 044226

Standard Number: HT0003717884

700302 130066265000003

LLA :

CX 9770130 1884 010 10104 0 080779 3 257.31 HT000371792 7 044226

Standard Number: HT0003717927

700303 130066265000004

LLA :

CY 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614758 044226

Standard Number: HT0003614758

700304 130066265000005

LLA :

CT 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614717 044226

Standard Number: HT0003614717

700305 130066265000006

LLA :

CZ 9770130 1884 IO6 596 C S 17807 79 3-2017 MESOC-TMA-2 57- 044226

Standard Number: HT0003717677

700306 130066265000007

LLA :

DA 9770130 1884 IO4 26596 _ CS_178 07 793-20 17 HAIM42-TM A-257 044226

Standard Number: HT0003717679

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 90 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

700307 130066265000008

LLA :

CR 9770130 1884 IOI NFAD_ C S_1780 77 81-201 7 NAVY MESOC -TMA-257-HT0003717680 044226

Standard Number: HT0003717680

700308 130066265000009

LLA :

DB 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 ECIA HOSTI NG-TMA-257-HT00037176 044226

Standard Number: HT0003717681

700309 130066265000010

LLA :

DC 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257 044226

Standard Number: HT0003717189

700310 130066265000011

LLA :

DD 9770130 1884 DHM SM003 3 _CS_17 80 7787-2 017 DHMS DHM SM OM-TMA-257 044226

Standard Number: HT0003717800

700311 130066265000012

LLA :

DE 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614714 044226

Standard Number: HT0003614714

700312 130066265000013

LLA :

DF 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226

Standard Number: HT0003614712

700313 130066265000014

LLA :

DG 9770130 1884 010 10104 0 080778 7 257.31 HT000371793 5 044226

Standard Number: HT0003717935

700314 130066265000015

LLA :

DH 9770130 1884 010 10104 0 080778 1 257.31 HT000371797 4 044226

Standard Number: HT0003717974

700315 130066265000024

LLA :

DJ 9770130 1884 DHM SM003 3 _CS_17 80 7787-2 017 DHMS DHM SM OM-TMA-257 044226

Standard Number: HT0003716763

900301 130066265000016

LLA :

CW 9770130 1884 IOI NFAD_ C S_1780 77 81-201 7 D2D MOA CS MS-TMA-257-HT00037178 044226

Standard Number: HT0003717884

900302 130066265000017

LLA :

DC 9770130 1884 IOI NFAD_ C S_1780 77 00-201 7 D2D MOA NS MS-TMA-257 044226

Standard Number: HT0003717189

900303 130066265000018

LLA :

CT 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614717 044226

Standard Number: HT0003614717

900304 130066265000019

LLA :

CY 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614758 044226

Standard Number: HT0003614758

900305 130066265000020

LLA :

DE 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614714 044226

Standard Number: HT0003614714

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 91 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

900306 130066265000021

LLA :

DF 9770130 1884 HIT _CIO_ C S_1780 77 93-201 7 HIT STAF-T MA-257-HT0003614712 044226

Standard Number: HT0003614712

900307 130066265000022

LLA :

DG 9770130 1884 010 10104 0 080778 7 257.31 HT000371793 5 044226

Standard Number: HT0003717935

900308 130066265000023

LLA :

DH 9770130 1884 010 10104 0 080778 1 257.31 HT000371797 4 044226

Standard Number: HT0003717974

MOD 18 Funding Cumulative
Funding

MOD 19 Funding Cumulative
Funding

MOD 20

700316 130068055100004

LLA :

DK 9780130 1884 010 10104 0 080779 3 257.31 044226 HT00 03718154 044226

Standard Number: HT0003718154

700317 130068055100005

LLA :

DL 9780130 1884 010 10104 0 080779 3 257.31 044226 HT00 03718152 044226

Standard Number: HT0003718152

700318 130068055100006

LLA :

DM 9780130 1884 010 10104 0 080778 7 257.31 HT000371867 9 044226

Standard Number: HT0003718679

700319 130068055100007

LLA :

DN 9780130 1884 010 10104 0 080779 3 257.31 HT000371814 8 044226

Standard Number: HT0003718148

700320 130068055100008

LLA :

DP 9780130 1884 010 10104 0 080779 3 257.31 HT000371815 9 044226

Standard Number: HT0003718159

700321 130068055100009

LLA :

DQ 9780130 1884 010 10104 0 080779 3 257.31 HT000371814 6 044226

Standard Number: HT0003718146

900309 130068055100010

LLA :

DR 9780130 1884 010 10104 0 080779 3 257.31 HT000371815 9 044226

Standard Number: HT0003718159

MOD 20 Funding Cumulative
Funding

MOD 21

710202 130060736700002

LLA :

BT 9760130 1874 HAI MS423 6 28_168 07 721-20 16 DMHAIM42- TMA-257-HT0003615230 044226

Standard Number: HT0003615230

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 92 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

ACRN: BT - Incr. Funding
PR: 1300607367
CIN: 130060736700002
NWA/BS: 100001156040
Funding Doc: HT0003615230
Type: DC-Dir
Appropriation: OP

MOD 21 Funding Cumulative
Funding

MOD 22

700322 130069567100001
LLA :
DS 9780130 1884 010 10104 0 080779 3 257.31 HT000371814 6 044226
ACRN DS: Labor for PWS - Para 3.6, 3.7
PR 1300695671
FUNDING DOC: HT0003718146
NWA: 100001307721 0060
PSC: D310
FUNDS EXP: 9/30/2018

700323 130069567100003
LLA :
DT 9780130 1884 010 10104 0 080779 3 257.31 HT000371814 8 044226
ACRN DT: Labor for PWS - Para 3.2, 3.3
PR 1300695671
FUNDING DOC: HT0003718148
NWA: 100001308319 0060
PSC: D310
FUNDS EXP: 9/30/2018

700324 130069567100004
LLA :
DU 9780130 1884 010 10104 0 080778 7 257.31 HT000371867 9 044226
ACRN DU: Labor for PWS - Para 3.5
PR 1300695671
FUNDING DOC: HT0003718679
NWA: 100001307735 0060
PSC: D310
FUNDS EXP: 9/30/2018

700325 130069567100005
LLA :
DV 9780130 1884 010 10104 0 080779 3 257.31 044226 HT00 03819489 044226
ACRN DV: Labor for PWS - Para 3.5
PR 1300695671
FUNDING DOC: HT0003819489
NWA: 100001307727 0060
PSC: D310
FUNDS EXP: 9/30/2018

700326 130069567100007
LLA :
DW 9780130 1884 010 10104 0 080779 3 257.31 044226 HT00 03718154 044226
ACRN DW: Labor for PWS - Para 3.5
PR 1300695671
FUNDING DOC: HT0003718154
NWA: 100001307725 0060
PSC: D310
FUNDS EXP: 9/30/2018

700327 130069567100008
LLA :
DX 9780130 1884 010 10104 0 080779 3 257.31 044226 HT00 03819288 044226
ACRN DX: Labor for PWS - Para 3.2, 3.3, 3.4, 3.5
PR 1300695671
FUNDING DOC: HT0003819288

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 93 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

NWA: 100001308313 0060
PSC: D310
FUNDS EXP: 9/30/2018

MOD 22 Funding Cumulative
Funding

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 94 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

SECTION H SPECIAL CONTRACT REQUIREMENTS

REPUBLIC OF KOREA (ROK) – STATUS OF FORCES AGREEMENT (SOFA) CONTRACT CLAUSE

INVITED CONTRACTOR OR TECHNICAL REPRESENTATIVE STATUS

UNDER U.S. - REPUBLIC OF KOREA (ROK)

Invited Contractor (IC) and Technical Representative (TR) status shall be governed by the U.S. - ROK Status of Forces Agreement (SOFA) as implemented by United States Forces Korea (USFK) Reg 700-19, which can be found under the “publications” tab on the US Forces Korea homepage <http://www.usfk.mil>

(a) Definitions. As used in this clause—

“U.S. – ROK Status of Forces Agreement” (SOFA) means the Mutual Defense Treaty between the Republic of Korea and the U.S. of America, Regarding Facilities and Areas and the Status of U.S. Armed Forces in the Republic of Korea, as amended

“Combatant Commander” means the commander of a unified or specified combatant command established in accordance with 10 U.S.C. 161. In Korea, the Combatant Commander is the Commander, United States Pacific Command.

“United States Forces Korea” (USFK) means the subordinate unified command through which US forces would be sent to the Combined Forces Command fighting components.

“Commander, United States Forces Korea” (COMUSK) means the commander of all U.S. forces present in Korea. In the Republic of Korea, COMUSK also serves as Commander, Combined Forces Command (CDR CFC) and Commander, United Nations Command (CDR UNC).

“USFK, Assistant Chief of Staff, Acquisition Management” (USFK/FKAQ) means the principal staff office to USFK for all acquisition matters and administrator of the U.S.-ROK SOFA as applied to US and Third Country contractors under the Invited Contractor (IC) and Technical Representative (TR) Program (USFK Reg 700-19).

“Responsible Officer (RO)” means a senior DOD employee (such as a military E5 and above or civilian GS-7 and above), appointed by the USFK Sponsoring Agency (SA), who is directly responsible for determining and administering appropriate logistics support for IC/TRs during contract performance in the ROK.

(b) IC or TR status under the SOFA is subject to the written approval of USFK, Assistant Chief of Staff, Acquisition Management (FKAQ), Unit #15237, APO AP 96205-5237.

(c) The contracting officer will coordinate with HQ USFK/FKAQ, IAW FAR 25.8, and USFK Reg 700-19. FKAQ will determine the appropriate contractor status under the SOFA and notify the contracting officer of that determination.

(d) Subject to the above determination, the contractor, including its employees and lawful dependents, may be accorded such privileges and exemptions under conditions and limitations as specified in the SOFA and USFK Reg 700-19. These privileges and exemptions may be furnished during the performance period of the contract, subject to their availability and continued SOFA status. Logistics

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 95 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

support privileges are provided on an as-available basis to properly authorized individuals. Some logistics support may be issued as Government Furnished Property or transferred on a reimbursable basis.

(e) The contractor warrants and shall ensure that collectively, and individually, its officials and employees performing under this contract will not perform any contract, service, or other business activity in the ROK, except under U.S. Government contracts and that performance is IAW the SOFA.

(f) The contractor's direct employment of any Korean-National labor for performance of this contract shall be governed by ROK labor law and USFK regulation(s) pertaining to the direct employment and personnel administration of Korean National personnel.

(g) The authorities of the ROK have the right to exercise jurisdiction over invited contractors and technical representatives, including contractor officials, employees and their dependents, for offenses committed in the ROK and punishable by the laws of the ROK. In recognition of the role of such persons in the defense of the ROK, they will be subject to the provisions of Article XXII, SOFA, related Agreed Minutes and Understandings. In those cases in which the authorities of the ROK decide not to exercise jurisdiction, they shall notify the U.S. military authorities as soon as possible. Upon such notification, the military authorities will have the right to exercise jurisdiction as is conferred by the laws of the U.S.

(h) Invited contractors and technical representatives agree to cooperate fully with the USFK Sponsoring Agency (SA) and Responsible Officer (RO) on all matters pertaining to logistics support and theater training requirements. Contractors will provide the assigned SA prompt and accurate reports of changes in employee status as required by USFK Reg 700-19.

(i) Theater Specific Training. Training Requirements for IC/TR personnel shall be conducted in accordance with USFK Reg 350-2 Theater Specific Required Training for all Arriving Personnel and Units Assigned to, Rotating to, or in Temporary Duty Status to USFK. IC/TR personnel shall comply with requirements of USFK Reg 350-2.

(j) Except for contractor air crews flying Air Mobility Command missions, all U.S. contractors performing work on USAF classified contracts will report to the nearest Security Forces Information Security Section for the geographical area where the contract is to be performed to receive information concerning local security requirements.

(k) Invited Contractor and Technical Representative status may be withdrawn by USFK/FKAQ upon:

(1) Completion or termination of the contract.

(2) Determination that the contractor or its employees are engaged in business activities in the ROK other than those pertaining to U.S. armed forces.

(3) Determination that the contractor or its employees are engaged in practices in contravention to Korean law or USFK regulations.

(l) It is agreed that the withdrawal of invited contractor or technical representative status, or the withdrawal of, or failure to provide any of the privileges associated therewith by the U.S. and USFK, shall not constitute grounds for excusable delay by the contractor in the performance of the contract and will not justify or excuse the contractor defaulting in the performance of this contract. Furthermore, it is agreed that withdrawal of SOFA status for reasons outlined in USFK Reg 700-19, Section II, paragraph 6 shall not serve as a basis for the contractor filing any claims against the U.S. or USFK. Under no circumstance shall the withdrawal of SOFA Status or privileges be considered or construed as a breach

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 96 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

of contract by the U.S. Government.

(m) Support.

(1) Unless the terms and conditions of this contract place the responsibility with another party, the COMUSK will develop a security plan to provide protection, through military means, of Contractor personnel engaged in the theater of operations when sufficient or legitimate civilian authority does not exist.

(2)(i) All Contractor personnel engaged in the theater of operations are authorized resuscitative care, stabilization, hospitalization at level III military treatment facilities, and assistance with patient movement in emergencies where loss of life, limb, or eyesight could occur. Hospitalization will be limited to stabilization and short-term medical treatment with an emphasis on return to duty or placement in the patient movement system.

(ii) When the Government provides medical or emergency dental treatment or transportation of Contractor personnel to a selected civilian facility, the Contractor shall ensure that the Government is reimbursed for any costs associated with such treatment or transportation.

(iii) Medical or dental care beyond this standard is not authorized unless specified elsewhere in this contract.

(3) Unless specified elsewhere in this contract, the Contractor is responsible for all other support required for its personnel engaged in the theater of operations under this contract.

(n) Compliance with laws and regulations. The Contractor shall comply with, and shall ensure that its personnel supporting U.S Armed Forces in the Republic of Korea as specified in paragraph (b)(1) of this clause are familiar with and comply with, all applicable—

(1) United States, host country, and third country national laws;

(2) Treaties and international agreements;

(3) United States regulations, directives, instructions, policies, and procedures; and

(4) Orders, directives, and instructions issued by the COMUSK relating to force protection, security, health, safety, or relationand interaction with local nationals. Included in this list are force protection advisories, health advisories, area (i.e. “off-limits”), prostitution and human trafficking and curfew restrictions.

(o) Vehicle or equipment licenses. IAW USFK Regulation 190-1, Contractor personnel shall possess the required licenses to operate all vehicles or equipment necessary to perform the contract in the theater of operations. All contractor employees/dependents must have either a Korean driver’s license or a valid international driver’s license to legally drive on Korean roads, and must have a USFK driver’s license to legally drive on USFK installations. Contractor employees/dependents will first obtain a Korean driver’s license or a valid international driver’s license then obtain a USFK driver’s license.

(p) Evacuation.

(1) If the COMUSK orders a non-mandatory or mandatory evacuation of some or all personnel, the Government will provide assistance, to the extent available, to United States and third country national contractor personnel.

(2) Non-combatant Evacuation Operations (NEO).

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 97 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

(i) The contractor shall designate a representative to provide contractor personnel and dependents information to the servicing NEO warden as required by direction of the Responsible Officer.

(ii) If contract period of performance in the Republic of Korea is greater than six months, non emergency essential contractor personnel and all IC/TR dependents shall participate in at least one USFK sponsored NEO exercise per year.

(q) Next of kin notification and personnel recovery.

(1) The Contractor shall be responsible for notification of the employee-designated next of kin in the event an employee dies, requires evacuation due to an injury, or is missing, captured, or abducted.

(2) In the case of missing, captured, or abducted contractor personnel, the Government will assist in personnel recovery actions in accordance with DOD Directive 2310.2, Personnel Recovery.

(3) IC/TR personnel shall accomplish Personnel Recovery/Survival, Evasion, Resistance and Escape (PR/SERE) training in accordance with USFK Reg 525-40, Personnel Recovery

Procedures and USFK Reg 350-2 Theater Specific Required Training for all Arriving Personnel and Units Assigned to, Rotating to, or in Temporary Duty Status to USFK.

(r) Mortuary affairs. Mortuary affairs for contractor personnel who die while providing support in the theater of operations to U.S. Armed Forces will be handled in accordance with DOD Directive 1300.22, Mortuary Affairs Policy and Army Regulation 638-2, Care and Disposition of Remains and Disposition of Personal Effects.

(s) USFK Responsible Officer (RO). The USFK appointed RO will ensure all IC/TR personnel complete all applicable training as outlined in this clause.

(End of Clause)

5252.232-9206 SEGREGATION OF COSTS (DEC 2003)

(a) 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. Invoices shall contain summaries of work charged during the period covered, as well as overall cumulative summaries by labor category for all work invoiced to date (if applicable), by line item, task or subtask.

(b) Where multiple lines of accounting are present, the ACRN preceding the accounting citation will be found in Section B and/or Section G. Payment of Contractor invoices shall be accomplished only by charging the ACRN that corresponds to the work invoiced.

(c) Except when payment requests are submitted electronically as specified in the clause at DFARS 252.232-7003, Electronic Submission of Payment Requests, one copy of each invoice or voucher will be provided, at the time of submission to DCAA, to the Task Order Manager.

H-350 REIMBURSEMENT OF TRAVEL COSTS (NOV 2005)

(a) Contractor Request and Government Approval of Travel

Any travel under this contract must be specifically requested in writing, by the contractor prior to incurring any travel costs. If this contract is a definite or indefinite delivery contract, then the written Government authorization will be by task/delivery orders issued by the Ordering Officer or by a modification to an issued task/delivery order. If this contract is not a definite or indefinite delivery contract, then the written Government authorization

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 98 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

will be by written notice of approval from the Contracting Officer's Representative (COR). The request shall include as a minimum, the following:

- (1) Contract number
- (2) Date, time, and place of proposed travel
- (3) Purpose of travel and how it relates to the contract
- (4) Contractor's estimated cost of travel
- (5) Name(s) of individual(s) traveling and;
- (6) A breakdown of estimated travel and per diem charges.

(b) General

(1) The costs for travel, subsistence, and lodging shall be reimbursed to the contractor only to the extent that it is necessary and authorized for performance of the work under this contract. The costs for travel, subsistence, and lodging shall be reimbursed to the contractor in accordance with the Federal Acquisition Regulation (FAR) 31.205-46, which is incorporated by reference into this contract. As specified in FAR 31.205-46(a) (2), reimbursement for the costs incurred for lodging, meals and incidental expenses (as defined in the travel regulations cited subparagraphs (b)(1)(i) through (b)(1)(iii) below) shall be considered to be reasonable and allowable only to the extent that they do not exceed on a daily basis the maximum per diem rates in effect at the time of travel as set forth in the following:

- (i) Federal Travel Regulation prescribed by the General Services Administration for travel in the contiguous 48 United States;
- (ii) Joint Travel Regulation, Volume 2, DoD Civilian Personnel, Appendix A, prescribed by the Department of Defense for travel in Alaska, Hawaii, The Commonwealth of Puerto Rico, and the territories and possessions of the United States; or
- (iii) Standardized Regulations, (Government Civilians, Foreign Areas), Section 925, "Maximum Travel Per Diem Allowances in Foreign Areas" prescribed by the Department of State, for travel in areas not covered in the travel regulations cited in subparagraphs (b)(1)(i) and (b)(1)(ii) above.

(2) Personnel in travel status from and to the contractor's place of business and designated work site or vice versa, shall be considered to be performing work under the contract, and contractor shall bill such travel time at the straight (regular) time rate; however, such billing shall not exceed eight hours per person for any one person while in travel status during one calendar day.

(c) Per Diem

(1) The contractor shall not be paid per diem for contractor personnel who reside in the metropolitan area in which the tasks are being performed. Per diem shall not be paid on services performed at contractor's home facility and at any facility required by the contract, or at any location within a radius of 50 miles from the contractor's home facility and any facility required by this contract.

(2) Costs for subsistence and lodging shall be paid to the contractor only to the extent that overnight stay is necessary and authorized in writing by the Government for performance of the work under this contract per paragraph (a). When authorized, per diem shall be paid by the contractor to its employees at a rate not to exceed the rate specified in the travel regulations cited in FAR 31.205-46(a)(2) and authorized in writing by the Government. The authorized per diem rate shall be the same as the prevailing locality per diem rate.

(3) Reimbursement to the contractor for per diem shall be limited to payments to employees not to exceed the authorized per diem and as authorized in writing by the Government per paragraph (a). Fractional parts of a day

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 99 of 107	FINAL
----------------------------------	---	----------------------------------	-------------------	-------

shall be payable on a prorated basis for purposes of billing for per diem charges attributed to subsistence on days of travel. The departure day from the Permanent Duty Station (PDS) and return day to the PDS shall be 75% of the applicable per diem rate. The contractor shall retain supporting documentation for per diem paid to employees as evidence of actual payments, as required by the FAR 52.216-7 "Allowable Cost and Payment" clause of the contract.

(d) Transportation

(1) The contractor shall be paid on the basis of actual amounts paid to the extent that such transportation is necessary for the performance of work under the contract and is authorized in writing by the Government per paragraph (a).

(2) The contractor agrees, in the performance of necessary travel, to use the lowest cost mode commensurate with the requirements of the mission and in accordance with good traffic management principles. When it is necessary to use air or rail travel, the contractor agrees to use coach, tourist class or similar accommodations to the extent consistent with the successful and economical accomplishment of the mission for which the travel is being performed. Documentation must be provided to substantiate non-availability of coach or tourist if business or first class is proposed to accomplish travel requirements.

(3) When transportation by privately owned conveyance (POC) is authorized, the contractor shall be paid on a mileage basis not to exceed the applicable Government transportation rate specified in the travel regulations cited in FAR 31.205-46(a)(2) and is authorized in writing by the Government per paragraph (a).

(4) When transportation by privately owned (motor) vehicle (POV) is authorized, required travel of contractor personnel, that is not commuting travel, may be paid to the extent that it exceeds the normal commuting mileage of such employee. When an employee's POV is used for travel between an employee's residence or the Permanent Duty Station and one or more alternate work sites within the local area, the employee shall be paid mileage for the distance that exceeds the employee's commuting distance.

(5) When transportation by a rental automobile, other special conveyance or public conveyance is authorized, the contractor shall be paid the rental and/or hiring charge and operating expenses incurred on official business (if not included in the rental or hiring charge). When the operating expenses are included in the rental or hiring charge, there should be a record of those expenses available to submit with the receipt. Examples of such operating expenses include: hiring charge (bus, streetcar or subway fares), gasoline and oil, parking, and tunnel tolls.

(6) Definitions:

(i) "Permanent Duty Station" (PDS) is the location of the employee's permanent work assignment (i.e., the building or other place where the employee regularly reports for work.

(ii) "Privately Owned Conveyance" (POC) is any transportation mode used for the movement of persons from place to place, other than a Government conveyance or common carrier, including a conveyance loaned for a charge to, or rented at personal expense by, an employee for transportation while on travel when such rental conveyance has not been authorized/approved as a Special Conveyance.

(iii) "Privately Owned (Motor) Vehicle (POV)" is any motor vehicle (including an automobile, light truck, van or pickup truck) owned by, or on a long-term lease (12 or more months) to, an employee or that employee's dependent for the primary purpose of providing personal transportation, that:

(a) is self-propelled and licensed to travel on the public highways;

(b) is designed to carry passengers or goods; and

(c) has four or more wheels or is a motorcycle or moped.

(iv) "Special Conveyance" is commercially rented or hired vehicles other than a POC and other than those owned or under contract to an agency.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 100 of 107	FINAL
----------------------------------	---	----------------------------------	--------------------	-------

(v) “Public Conveyance” is local public transportation (e.g., bus, streetcar, subway, etc) or taxicab.

(iv) “Residence” is the fixed or permanent domicile of a person that can be reasonably justified as a bona fide residence.

EXAMPLE 1: Employee’s one way commuting distance to regular place of work is 7 miles. Employee drives from residence to an alternate work site, a distance of 18 miles. Upon completion of work, employee returns to residence, a distance of 18 miles.

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal round trip commuting distance (14 miles). The employee is reimbursed for 22 miles ($18 + 18 - 14 = 22$).

EXAMPLE 2: Employee’s one way commuting distance to regular place of work is 15 miles. Employee drives from residence to an alternate work site, a distance of 5 miles. Upon completion of work, employee returns to residence, a distance of 5 miles.

In this case, the employee is not entitled to be reimbursed for the travel performed (10 miles), since the distance traveled is less than the commuting distance (30 miles) to the regular place of work.

EXAMPLE 3: Employee’s one way commuting distance to regular place of work is 15 miles. Employee drives to regular place of work. Employee is required to travel to an alternate work site, a distance of 30 miles. Upon completion of work, employee returns to residence, a distance of 15 miles.

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal round trip commuting distance (30 miles). The employee is reimbursed for 30 miles ($15 + 30 + 15 - 30 = 30$).

EXAMPLE 4: Employee’s one way commuting distance to regular place of work is 12 miles. In the morning the employee drives to an alternate work site (45 miles). In the afternoon the employee returns to the regular place of work (67 miles). After completion of work, employee returns to residence, a distance of 12 miles.

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal round trip commuting distance (24 miles). The employee is reimbursed for 100 miles ($45 + 67 + 12 - 24 = 100$).

EXAMPLE 5: Employee’s one way commuting distance to regular place of work is 35 miles. Employee drives to the regular place of work (35 miles). Later, the employee drives to alternate work site #1 (50 miles) and then to alternate work site #2 (25 miles). Employee then drives to residence (10 miles).

In this case, the employee is entitled to be reimbursed for the distance that exceeds the normal commuting distance (70 miles). The employee is reimbursed for 50 miles ($35 + 50 + 25 + 10 - 70 = 50$).

EXAMPLE 6: Employee’s one way commuting distance to regular place of work is 20 miles. Employee drives to the regular place of work (20 miles). Later, the employee drives to alternate work site #1 (10 miles) and then to alternate work site #2 (5 miles). Employee then drives to residence (2 miles).

In this case, the employee is not entitled to be reimbursed for the travel performed (37 miles), since the distance traveled is less than the commuting distance (40 miles) to the regular place of work.

H-355 CONTRACTOR IDENTIFICATION (DEC 1999)

(a) Contractor employees must be clearly identifiable while on Government property by wearing appropriate badges.

(b) Contractor employees are required to clearly identify themselves and the company they work for whenever making contact with Government personnel by telephone or other electronic means.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 101 of 107	FINAL
----------------------------------	---	----------------------------------	--------------------	-------

5252.204-9202 Government Badge Requirements

5252.204-9402 Security Requirements

H-359 LIMITED RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION (CBI) (NOV 2003)

(a) Definition.

“Confidential business information,” as used in this clause, is defined as all forms and types of financial, business, scientific, technical, economic, or engineering information, including patterns, plans, compilations, program devices, formulas, designs, prototypes, methods, techniques, processes, procedures, programs, or codes, whether tangible or intangible, and whether or how stored, compiled, or memorialized physically, electronically, graphically, photographically, or in writing if -- (1) the owner thereof has taken reasonable measures to keep such information secret, and (2) the information derives independent economic value, actual or potential from not being generally known to, and not being readily ascertainable through proper means by, the public. Confidential business information may include technical data as that term is defined in DFARS §§ 252.227-7013(a)(14), 252.227-7015(a)(4), and 252.227-7018(a)(19). It may also include computer software as that term is defined in DFARS §§ 252.227-7014(a)(4) and 252.227-7018(a)(4).

(b) The Space and Naval Warfare Systems Command (SPAWAR) may release to individuals employed by SPAWAR support contractors and their subcontractors confidential business information submitted by the contractor or its subcontractors pursuant to the provisions of this contract. Business information that would ordinarily be entitled to confidential treatment may be included in the information released to these individuals. Accordingly, by submission of a proposal or execution of this contract, the offeror or contractor and its subcontractors consent to a limited release of its confidential business information.

(c) Circumstances where SPAWAR may release the contractor's or subcontractors' confidential business information include the following:

(1) To other SPAWAR contractors and subcontractors, and their employees tasked with assisting SPAWAR in handling and processing information and documents in the administration of SPAWAR contracts, such as file room management and contract closeout.

(2) To SPAWAR contractors and subcontractors, and their employees tasked with assisting SPAWAR in accounting support services, including access to cost-reimbursement vouchers.

(3) To SPAWAR contractors and subcontractors, and their employees tasked with assisting SPAWAR in crafting performance work statements, assisting with the evaluation of task order cost/technical proposals and assembling performance metrics information.

(d) SPAWAR recognizes its obligation to protect the contractor and its subcontractors from competitive harm that could result from the release of such information. SPAWAR will permit the limited release of confidential business information under paragraphs (c)(1), (c)(2) and (c)(3) only under the following conditions:

(1) SPAWAR determines that access is required by other SPAWAR contractors and their subcontractors to perform the tasks described in paragraphs (c)(1), (c)(2) and (c)(3),

(2) Access to confidential business information is restricted to individuals with a bona fide need to possess,

(3) Contractors, their subcontractors, and their employees who are granted access to confidential business information have signed an appropriate non-disclosure agreement requiring them to provide the same level of protection to confidential business information that would be provided by SPAWAR employees,

(4) Contractors and their subcontractors having access to confidential business information have agreed under their

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 102 of 107	FINAL
----------------------------------	---	----------------------------------	--------------------	-------

contract or a separate corporate non-disclosure agreement to provide the same level of protection to confidential business information that would be provided by SPAWAR employees, and

(5) SPAWAR contractors and their subcontractors performing the tasks described in paragraphs (c)(1), (c)(2) or (c)(3) have agreed under their contract or a separate non-disclosure agreement to not use confidential business information for any purpose other than performing the tasks described in paragraphs (c)(1), (c)(2) and (c)(3).

(e) SPAWAR's responsibilities under the Freedom of Information Act are not affected by this clause.

(f) If SPAWAR satisfies the conditions listed in paragraph (d), the contractor and its subcontractors agree to indemnify and hold harmless the Government, its agents, and employees from every claim or liability, including attorneys fees, court costs, and expenses, arising out of, or in any way related to, the misuse or unauthorized modification, reproduction, release, display, or disclosure of confidential business information provided by the contractor to the Government.

(g) The contractor agrees to include, and require inclusion of, this clause in all subcontracts at any tier that requires the furnishing of confidential business information.

ORGANIZATIONAL CONFLICT OF INTEREST (NAVSEA) (JUL 2000) (RESTATED FROM BASIC CONTRACT)

(a) "Organizational Conflict of Interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage. "Person" as used herein includes Corporations, Partnerships, Joint Ventures, and other business enterprises.

(b) The Contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in the contract, the Contractor does not have any organizational conflict of interest(s) as defined in paragraph (a).

(c) It is recognized that the effort to be performed by the Contractor under this contract may create a potential organizational conflict of interest on the instant contract or on a future acquisition. In order to avoid this potential conflict of interest, and at the same time to avoid prejudicing the best interest of the Government, the right of the Contractor to participate in future procurement of equipment and/or services that are the subject of any work under this contract shall be limited as described below in accordance with the requirements of FAR 9.5.

(d) (1) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information provided to the Contractor by the Government during or as a result of performance of this contract. Such information includes, but is not limited to, information submitted to the Government on a confidential basis by other persons. Further, the prohibition against release of Government provided information extends to cover such information whether or not in its original form, e.g., where the information has been included in Contractor generated work or where it is discernible from materials incorporating or based upon such information. This prohibition shall not expire after a given period of time.

(2) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information generated or derived during or as a result of performance of this contract. This prohibition shall expire after a period of three years after completion of performance of this contract.

(3) The prohibitions contained in subparagraphs (d)(1) and (d)(2) shall apply with equal force to any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may merge or affiliate, or any successor or assign of the Contractor. The terms of paragraph (f) of this Special Contract Requirement relating to notification shall apply to any release of information in contravention of this paragraph (d).

(e) The Contractor further agrees that, during the performance of this contract and for a period of three years after

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 103 of 107	FINAL
----------------------------------	---	----------------------------------	--------------------	-------

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

(f) The Contractor agrees that, if after award, it discovers an actual or potential organizational conflict of interest, it shall make immediate and full disclosure in writing to the SeaPort/Task Order Contracting Officer. The notification shall include a description of the actual or potential organizational conflict of interest, a description of the action which the Contractor has taken or proposes to take to avoid, mitigate, or neutralize the conflict, and any other relevant information that would assist the SeaPort/Task Order Contracting Officer in making a determination on this matter. Notwithstanding this notification, the Government may terminate the contract/Task Orders for the convenience of the Government if determined to be in the best interest of the Government.

(g) Notwithstanding paragraph (f) above, if the Contractor was aware, or should have been aware, of an organizational conflict of interest prior to the award of this contract or becomes, or should become, aware of an organizational conflict of interest after award of this contract and does not make an immediate and full disclosure in writing to the SeaPort/Task Order Contracting Officer, the Government may terminate this contract/task orders for default.

(h) If the Contractor takes any action prohibited by this requirement or fails to take action required by this requirement, the Government may terminate this contract for default.

(i) The SeaPort/Task Order's Contracting Officer's decision as to the existence or nonexistence of an actual or potential organizational conflict of interest shall be final.

(j) Nothing in this requirement is intended to prohibit or preclude the Contractor from marketing or selling to the United States Government its product lines in existence on the effective date of this contract; nor, shall this requirement preclude the Contractor from participating in any research and development or delivering any design development model or prototype of any such equipment. Additionally, sale of catalog or standard commercial items are exempt from this requirement.

(k) The Contractor shall promptly notify the Contracting Officer, in writing, if it has been tasked to evaluate or advise the Government concerning its own products or activities or those of a competitor in order to ensure proper safeguards exist to guarantee objectivity and to protect the Government's interest.

(l) The Contractor shall include this requirement in subcontracts of any tier which involve access to information or situations/conditions covered by the preceding paragraphs, substituting "subcontractor" for "contractor" where appropriate.

(m) The rights and remedies described herein shall not be exclusive and are in addition to other rights and remedies provided by law or elsewhere included in the basic contract or this task order.

(n) Compliance with this requirement is a material requirement of the basic contract and this task order.

ORGANIZATIONAL CONFLICT OF INTEREST (NAVSEA) (JUL 2000) (RESTATED FROM BASIC CONTRACT)

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 104 of 107	FINAL
----------------------------------	---	----------------------------------	--------------------	-------

(a) "Organizational Conflict of Interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Government, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage. "Person" as used herein includes Corporations, Partnerships, Joint Ventures, and other business enterprises.

(b) The Contractor warrants that to the best of its knowledge and belief, and except as otherwise set forth in the contract, the Contractor does not have any organizational conflict of interest(s) as defined in paragraph (a).

(c) It is recognized that the effort to be performed by the Contractor under this contract may create a potential organizational conflict of interest on the instant contract or on a future acquisition. In order to avoid this potential conflict of interest, and at the same time to avoid prejudicing the best interest of the Government, the right of the Contractor to participate in future procurement of equipment and/or services that are the subject of any work under this contract shall be limited as described below in accordance with the requirements of FAR 9.5.

(d) (1) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information provided to the Contractor by the Government during or as a result of performance of this contract. Such information includes, but is not limited to, information submitted to the Government on a confidential basis by other persons. Further, the prohibition against release of Government provided information extends to cover such information whether or not in its original form, e.g., where the information has been included in Contractor generated work or where it is discernible from materials incorporating or based upon such information. This prohibition shall not expire after a given period of time.

(2) The Contractor agrees that it shall not release, disclose, or use in any way that would permit or result in disclosure to any party outside the Government any information generated or derived during or as a result of performance of this contract. This prohibition shall expire after a period of three years after completion of performance of this contract.

(3) The prohibitions contained in subparagraphs (d)(1) and (d)(2) shall apply with equal force to any affiliate of the Contractor, any subcontractor, consultant, or employee of the Contractor, any joint venture involving the Contractor, any entity into or with which it may merge or affiliate, or any successor or assign of the Contractor. The terms of paragraph (f) of this Special Contract Requirement relating to notification shall apply to any release of information in contravention of this paragraph (d).

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

(f) The Contractor agrees that, if after award, it discovers an actual or potential organizational conflict of interest, it shall make immediate and full disclosure in writing to the SeaPort/Task Order Contracting Officer. The notification shall include a description of the actual or potential organizational conflict of interest, a description of the action which the Contractor has taken or proposes to take to avoid, mitigate, or neutralize the conflict, and any other relevant information that would assist the SeaPort/Task Order Contracting Officer in making a determination on this matter. Notwithstanding this notification, the Government may terminate the contract/Task Orders for the

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 105 of 107	FINAL
----------------------------------	---	----------------------------------	--------------------	-------

convenience of the Government if determined to be in the best interest of the Government.

(g) Notwithstanding paragraph (f) above, if the Contractor was aware, or should have been aware, of an organizational conflict of interest prior to the award of this contract or becomes, or should become, aware of an organizational conflict of interest after award of this contract and does not make an immediate and full disclosure in writing to the SeaPort/Task Order Contracting Officer, the Government may terminate this contract/task orders for default.

(h) If the Contractor takes any action prohibited by this requirement or fails to take action required by this requirement, the Government may terminate this contract for default.

(i) The SeaPort/Task Order's Contracting Officer's decision as to the existence or nonexistence of an actual or potential organizational conflict of interest shall be final.

(j) Nothing in this requirement is intended to prohibit or preclude the Contractor from marketing or selling to the United States Government its product lines in existence on the effective date of this contract; nor, shall this requirement preclude the Contractor from participating in any research and development or delivering any design development model or prototype of any such equipment. Additionally, sale of catalog or standard commercial items are exempt from this requirement.

(k) The Contractor shall promptly notify the Contracting Officer, in writing, if it has been tasked to evaluate or advise the Government concerning its own products or activities or those of a competitor in order to ensure proper safeguards exist to guarantee objectivity and to protect the Government's interest.

(l) The Contractor shall include this requirement in subcontracts of any tier which involve access to information or situations/conditions covered by the preceding paragraphs, substituting "subcontractor" for "contractor" where appropriate.

(m) The rights and remedies described herein shall not be exclusive and are in addition to other rights and remedies provided by law or elsewhere included in the basic contract or this task order.

(n) Compliance with this requirement is a material requirement of the basic contract and this task order.

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 106 of 107	FINAL
----------------------------------	---	----------------------------------	--------------------	-------

SECTION I CONTRACT CLAUSES

09RA 52.217-9 -- OPTION TO EXTEND THE TERM OF THE CONTRACT. (MAR 2008)

- (a) The Government may extend the term of this contract by written notice to the Contractor within 30 days prior to completion of the base period; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.
- (b) If the Government exercises this option, the extended contract shall be considered to include this option clause.
- (c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed five years.

FAR CLAUSES INCORPORATED BY REFERENCE:

52.219-6 NOTICE OF SMALL BUSINESS SET-ASIDE (JUN 2003)

52.219-14 LIMITATIONS OF SUBCONTRACTING (DEC 1996)

CONTRACT NO. N00178-14-D-7847	DELIVERY ORDER NO. N00178-14-D-7847-V701	AMENDMENT/MODIFICATION NO. 22	PAGE 107 of 107	FINAL
----------------------------------	---	----------------------------------	--------------------	-------

SECTION J LIST OF ATTACHMENTS

Attachment 3 QASP

Attachment 4 CDRLs

Attachment 6 DD 254

Attachment 7 Performance Work Statement - Revision 1, dated 1 Nov 2016

Attachment 8 Revised Travel Spreadsheet (R1), dated 9 Feb 2017

Attachment 9 Alternative Sites, dated 24 Oct 2017