

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS <small>OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30</small>				1. REQUISITION NUMBER CT2021/OTT006/HRM049		PAGE OF 1 80			
2. CONTRACT NO. HSTS01-09-D-OSO900		3. AWARD EFFECTIVE DATE 02/08/2012		4. ORDER NUMBER HSTS01-12-J-OTT004		5. SOLICITATION NUMBER			
7. FOR SOLICITATION INFORMATION CALL:		a. NAME (b)(6)		b. TELEPHONE NUMBER (b)(6)		8. OFFER DUE DATE/LOCAL TIME			
9. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598				10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED OR <input type="checkbox"/> SET ASIDE. % FOR:					
				<input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> WOMBUS (WOMEN-OWNED SMALL BUSINESS) <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> ECONOMICALLY DISADVANTAGED WOMEN-OWNED SMALL BUSINESS (EDWOSB) <input type="checkbox"/> SERVICE DISABLED VETERAN OWNED SMALL BUSINESS <input type="checkbox"/> 8(A)		<input type="checkbox"/> WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM <input type="checkbox"/> NAICS SIZE STANDARD			
11. DELIVERY FOR FOB DESTINATION UNLESS BLOCKS MARKED <input checked="" type="checkbox"/> SEE SCHEDULE		12. DISCOUNT TERMS Net 30		13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)		14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP			
15. DELIVER TO Multiple Destinations				16. ADMINISTERED BY Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598					
17a. CONTRACTOR/OFFEROR Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER		18a. PAYMENT WILL BE MADE BY US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111					
17c. CONTRACTOR/OFFEROR CODE 805258373		17d. FACILITY CODE		18b. PAYMENT WILL BE MADE BY CODE TSA1					
19. ITEM NO.				20. SCHEDULE OF SUPPLIES/SERVICES		21. QUANTITY			
				22. UNIT		23. UNIT PRICE			
						24. AMOUNT			
Tax ID Number: 52-1813509 DUNS Number: 805258373 PRs used on this Task Order: 2112202CT2021, 2112202OTT006, 2112202HRM049 The purpose of this task order is to provide services to assist and support the Operational and Technical Training, Office of Human Capital, and Office of Security Technology in support of the Threat Image Projection (TIP) Program, Image Development for training and testing, Threat <i>(Use Reverse and/or Attach Additional Sheets as Necessary)</i>									
25. ACCOUNTING AND APPROPRIATION DATA See schedule						26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$21,297,412.00			
27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-2, FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDUM <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED				27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4, FAR 52.212-5 IS ATTACHED. ADDENDA <input checked="" type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED					
28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN <u>1</u> COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED.				29. AWARD OF CONTRACT: <input type="checkbox"/> OFFER DATED _____ YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:					
30a. SIGNATURE OF OFFEROR/CONTRACTOR (b)(6)		30b. DATE SIGNED 02/03/2012		31a. NAME OF CONTRACTING OFFICER (Type or print) Marvin Grubbs		31c. DATE SIGNED 2/3/2012			

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	Design and Build for training and testing, Rapid Response for Emerging Threats, and other tasks defined in the Statement of Work. The following facility address is registered under DJNS number 805258373, which was used to award this contract: Lockheed Martin Services, Inc. 2339 Route 70 West, Floor 3W Cherry Hill, NJ 08002-3315 Period of Performance: 02/08/2012 to 02/07/2013				
00001	CLIN 0001 - FFP - Task A - Global Requirements: Project Management, QA, GFE Mgmt, Security - DD254, Tier 1-4 Help Desk, SME, TIL Mgmt POP: 02/08/2012 - 10/07/2012 Accounting Info: 5AV112A000D2012SWE030GEG00423006200622CTO-62020000 00000000-251E-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	
00001SUB1	Additional funding for CLIN 001 from line of Continued ...	1	JB	3,746,156.97	3,746,156.97

32a. QUANTITY IN COLUMN 21 HAS BEEN

RECEIVED INSPECTED ACCEPTED AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED.

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE		32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE		
32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE			32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE		
			32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE		
33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT	37. CHECK NUMBER	
<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL			<input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		
38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY			

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT		42a. RECEIVED BY (Print)	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER		42b. RECEIVED AT (Location)	
41c. DATE		42c. DATE REC'D (YY/MM/DD)	42d. TOTAL CONTAINERS

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	accounting. Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown				
00001A	OPTIONAL CLIN 0001A - FFP - Task A - Global Requirements: Project Management, QA, GFE Mgmt, Security - DE254, Tier 1-4 Help Desk, SME, TIL Mgmt POP: 10/08/2012 - 02/07//2013 Amount: (b)(4) Option Line Item) 10/09/2012 Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 FOB: Destination	1	JB	(b)(4)	0.00
00002	CLIN 0002 - CDC Reimbursable - NTE Other Direct Costs (ODCs) Accounting Info: 5AV112A000D2012SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: \$320,471.79 FOB: Unknown	1	JB	320,471.79	320,471.79
00002SUB1	Additional funding for CLIN 0002 from different lint of accounting. Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000 2521-TSA DIRECT-DEF. TASK-D Funded: \$6,771,067.43 FOB: Unknown	1	JB	6,771,067.43	6,771,067.43
	Continued ...				

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00002A	OPTIONAL CLIN 0002A - ODC Reimbursable - NTE Other Direct Costs (ODCs) Amount: \$1,251,447.57 (Option Line Item) 02/08/2012 Accounting Info:	1	JB	1,251,447.57	0.00
00003	5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 FOB: Destination CLIN 0003 - ODC REIMBURSABLE - NTE TRAVEL Accounting Info: 5AV123A000D2012SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: \$36,009.00 FOB: Unknown	1	JB	36,009.00	36,009.00
00003SUB	Additional funding for CLIN 0003 from different line of accounting. Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$616,950.65 FOB: Unknown	1	JB	616,950.65	616,950.65
00003A	OPTIONAL - CLIN 0003A - ODC Reimbursable NTE Travel Amount: \$765,794.51 (Option Line Item) 02/08/2012 Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 FOB: Destination Continued ...	1	JB	765,794.51	0.00

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00004	CLIN 0004 ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) - Facility Maintenance Accounting Info: 5AV123A000D2012SWE020TR100125005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$634,623.00 FOB: Unknown	1	JB	634,623.00	634,623.00
0004SUB1	Additional funding for CLIN 0004 from different line of accounting. Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$103,343.17 FOB: Unknown	1	JB	103,343.17	103,343.17
0004SUB2	Additional funding for CLIN 0004 from different line of accounting. Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$72,017.56 FOB: Unknown	1	JB	72,017.56	72,017.56
00004A	OPTIONAL CLIN 0004A - ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) - Facility Maintenance Amount: \$72,017.56 (Option Line Item) C2/08/2012 Accounting Info: 5AV123A000D2012SWE020TR100125005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 FOB: Destination Continued ...	1	JB	72,017.56	0.00

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 Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIERS/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00005	CLIN 0005 - T&M - Task A - Rapid Response Accounting Info: 5AV123A000D2012SWE020TR1003250059005900TT 59070005 05000000-2521-TSA DIRECT DEF. TASK D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	
00005A	OPTIONAL CLIN 0005A - T&M Task A Rapid Response Amount: (b)(4) (Option Line Item) 02/08/2012 Accounting Info: 5AV123A000D2012SWE020TR1003250059005900TT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 FOB: Destination	1	JB	(b)(4)	0.00
00006	CLIN 0006 - FFP - Task B - Threat Image Projection (TIP) POP: 02/08/2012 - 02/07/2013 Accounting Info: 5AV112A000D2012SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	
00007	CLIN 0007 - T&M - Task B - Threat Image Projection (TIP) Program: Special Project Reports Accounting Info: 5AV112A000D2012SWE030GE000423006200622CTO-62020000 00000000-251B-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	

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 Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00008	CLIN 0008 - T&M - Task C - Image Development & Image Library: Ad-hoc Image Development Accounting Info: 5AV123AC000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4)	1	JB	(b)(4)	
	FOB: Unknown				
00008A	OPTIONAL - CLIN 0008A - T&M - Task C - Image Development & Image Library: Ad-hoc Image Development Amount: (b)(4) Option Line Item 02/08/2012 Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT 59070005 05000000-2521-TSA DIRECT-DEF. TASK D Funded: \$0.00 FOB: Destination	1	JB	(b)(4)	0.00
00009	CLIN 0009 - FFP - Task C - Image Development & Image Library: TRX and AT Image Requirements; Auto-EDS Requirements POP: 02/08/2012 - 02/07/2013 Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521 TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	
00010	OPTIONAL 0010 - FFP - Task C - Image Development & Image Library: OPTION A Reveal Fusion (CP) Assessment Image Development Pilot & Test Distribution Amount: (b)(4) Option Line Item 02/08/2012 FOB: Destination	1	JB	(b)(4)	0.00
00011	CLIN 0011 FFP Task C - Image Development & Continued ...	1	JB	(b)(4)	

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 Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Image Library: EDS Requirements POP: 02/08/2012 - 02/07/2013 Accounting Info: 5AV123A000D2012SWE020TR1003250059005900TT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown				
00012	CLIN 0012 - T&M - Task C - Image Development & Image Library: EDS Requirements Accounting Info: 5AV123A000D2012SWE020TR1003250059005900TT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	
00012A	OPTIONAL CLIN 0012A - T&M - Task C - Image Development & Image Library: EDS Requirements Amount: (b)(4) (Option Line Item) 02/08/2012 Accounting Info: 5AV123A000D2012SWE020TR1003250059005900TT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 FOB: Destination	1	JB	(b)(4)	0.00
00013	CLIN 0013 - T&M - Task C - Image Development & Image Library: Assessment Image Pilots Accounting Info: 5AV123A000D2012SWE020TR1003250059005900TT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	
00013A	OPTIONAL CLIN 0013A - T&M Task C - Image Continued ...	1	JB	(b)(4)	0.00

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 Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Development & Image Library: Assessment Image Pilots Amount: (b)(4) Option Line Item) 02/08/2012 Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 FOB: Destination				
00014	CLIN 0014 - FFP - Task D - Image Simulator Support: Image Simulator Support POP: 02/08/2012 - 02/07/2013 Accounting Info: 5AV112A000D2012SWE020TR101125006300630HRM-63150004 00000000-2510-TSA DIRECT-DEF. TASK D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	
00014SUB1	Additional funding for CLIN 0014 from different line of accounting. Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	
00015	CLIN 0015 - T&M Task D - Image Simulator Support: OEM Simulator Development Support Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown	1	JB	(b)(4)	

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
00015A	<p>OPTIONAL CLIN 0015A - T&M - Task D - Image Simulator Support: OEM Simulator Development Support Amount: (b)(4) Option Line Item) 02/08/2012</p> <p>Accounting Info: 5AV123A000D2012SWE02OTR1003250059005900TT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 FOB: Destination</p>	1	JB	(b)(4)	0.00
00016	<p>CLIN 0016 - FFP - Task E - Threat Kit Program: Threat Kit Program Support, IED Accessory Kit Program, PSE Kits POP: 02/08/2012 - 02/07/2013</p> <p>Accounting Info: 5AV123A000D2012SWE020GE000025005900590PSE-59070000 00000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown</p>	1	JB	(b)(4)	
00016SUB1	<p>Additional funding for CLIN 0016 from different line of accounting.</p> <p>Accounting Info: 5AV123A000D2012SWE020TR1003250059005900TT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown</p>	1	JB	(b)(4)	
00017	<p>CLIN 0017 - FFP - Task E - Threat Kit Program: OPTION B NHTF Prop Kit POP: 02/08/2012 - 02/07/2013</p> <p>Accounting Info: 5AV123A000D2012SWE020TR1003250059005900TT-59070005 05000000-2521-TSA DIRECT-DEF. TASK D Funded: (b)(4) FOB: Unknown Continued ...</p>	1	JB	(b)(4)	

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Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
30018	CLIN 0018 - T&M Task E - Threat Kit Program: Threat Prototyping	1	JB	(b)(4)	
	Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: (b)(4) FOB: Unknown				
00018A	OPTIONAL CLIN 0018A - T&M - Task E - Threat Kit Program: Threat Prototyping Amount: (b)(4) (Option Line Item) 02/08/2012	1	JB	(b)(4)	0.00
	Accounting Info: 5AV123A000D2012SWE020TR100325005900590OTT-59070005 05000000-2521-TSA DIRECT-DEF. TASK-D Funded: \$0.00 FOB: Destination				
00019	OPTIONAL CLIN 0019 - FFP - Task E - Threat Kit Program: OPTION A Threat Kit Program: Upgrade 1000 TOC Amount: (b)(4) (Option Line Item) 02/08/2012 FOB: Destination	1	JB	(b)(4)	0.00
	The total amount of award: \$35,428,868.49. The obligation for this award is shown in box 26.				

SECTION B – SCHEDULE

B.1 Contract Line Items, Descriptions

Period of Performance: February 8, 2012 – February 7, 2013, unless otherwise stated within the specific CLIN.

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	FFP - Task A – Global Requirements: Project Management, QA, GFE Mgmt, Security -DD254, Tier 1-4 Help Desk, SME, TIL Mgmt POP: 02/08/2012 – 10/07/2012	1	Job	(b)(4)	
0001A	OPTIONAL CLIN 0001A - FFP - Task A – Global Requirements: Project Management, QA, GFE Mgmt, Security -DD254, Tier 1-4 Help Desk, SME, TIL Mgmt POP: 10/08/2012-02/07/2013	1	Job	(b)(4)	
0002	ODC Reimbursable – NTE Other Direct Costs (ODCs)	1	Lot	\$7,091,539.23	NTE \$7,091,539.23
0002A	OPTIONAL CLIN 002A - ODC Reimbursable – NTE Other Direct Costs (ODCs)	1	Lot	\$1,251,448.56	NTE \$1,251,448.56
0003	ODC Reimbursable – NTE Travel	1	Lot	\$652,959.65	NTE \$652,959.65
0003A	OPTIONAL CLIN 003A - ODC Reimbursable – NTE Travel	1	Lot	\$765,794.51	NTE \$765,794.51
0004	ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) – Facility Maintenance	1	Lot	\$809,983.73	NTE \$809,983.73
0004A	OPTIONAL CLIN 0004A - ODC Reimbursable - Task A: Threat Mitigation Laboratory (TML) – Facility Maintenance	1	Lot	\$72,017.56	NTE \$72,017.56
0005	T&M –Task A - Rapid Response	1	Lot	(b)(4)	
0005A	OPTIONAL CLIN 0005A - T&M - Task A - Rapid 1 JB 149,747.02 0.00 Response	1	Lot	(b)(4)	
0006	FFP –Task B - Threat Image Projection (TIP)	1	Job	(b)(4)	
0007	T&M – Task B - Threat Image Projection (TIP) Program: Special Project Reports	1	Lot	(b)(4)	

0008	T&M – Task C - Image Development & Image Library: Ad-hoc Image Development	1	Lot	(b)(4)
0008A	OPTIONAL – CLIN 0008A - T&M – Task C - Image Development & Image Library: Ad-hoc Image Development	1	Lot	(b)(4)
0009	FFP – Task C – Image Development & Image Library: TRX and AT Image Requirements; Auto-EDS Requirements	1	Job	(b)(4)
0010	OPTIONAL - FFP – Task C – Image Development & Image Library: OPTION A Reveal Fusion (CP) Assessment Image Development Pilot & Test Distribution	1	Job	(b)(4)
0011	FFP – Task C – Image Development & Image Library: EDS Requirements	1	Job	(b)(4)
0012	T&M – Task C – Image Development & Image Library: EDS Requirements	1	Lot	(b)(4)
0012A	OPTIONAL CLIN 0012A - T&M – Task C – Image Development & Image Library: EDS Requirements	1	Lot	(b)(4)
0013	T&M – Task C – Image Development & Image Library: Assessment Image Pilots	1	Lot	(b)(4)
0013A	OPTIONAL CLIN 0013A - T&M – Task C – Image Development & Image Library: Assessment Image Pilots	1	Lot	(b)(4)
0014	FFP – Task D - Image Simulator Support: Image Simulator Support	1	Job	(b)(4)
0015	T&M – Task D - Image Simulator Support: OEM Simulator Development Support	1	Lot	(b)(4)
0015A	OPTIONAL CLIN 0015A - T&M – Task D - Image Simulator Support: OEM Simulator Development Support	1	Lot	(b)(4)
0016	FFP – Task E - Threat Kit Program: Threat Kit Program Support, IED Accessory Kit Program, PSE Kits	1	Job	(b)(4)

0017	FFP – Task E - Threat Kit Program: OPTION B NHTP Prop Kit	1	Job	(b)(4)
0018	T&M – Task E - Threat Kit Program: Threat PrototypinG	1	Lot	(b)(4)
0018A	OPTIONAL CLIN 0018A - T&M – Task E - Threat Kit Program: Threat Prototyping	1	Lot	(b)(4)
0019	OPTIONAL - FFP – Task E - Threat Kit Program: OPTION A Threat Kit Program: Upgrade 1000 TQC	1	Job	(b)(4)

- Labor rates applied to all T&M CLINs shall be based on Attachment 20 of the IDIQ contract.
- The Government reserves the right to exercise Optional CLIN 0010, 0017, 0019 at any time during the performance of this Task Order. Optional CLINs with a stated period of performance will be exercised prior to the stated effective date as necessary.
- Contractor shall bill at the CLIN level. Unexpended obligated funds applied to CLIN 0002, 0003, and 0004 may apply to the subclin.

B.2 Accepted Proposal

The technical proposal, Volume I: Technical Approach (2nd Submission), dated 12/19/2011 and the price proposal titled Volume 2 Price Proposal (1st Submission), dated 12/19/2011 are hereby accepted.

B.3 Use of T&M CLINs

Prior to performing under a T&M CLIN within this Task Order, except for CLIN 0005, the contractor shall submit a request for approval to the Contracting Officer Technical Representative and applicable Technical Monitor and provide the estimated hours expected to be used. For CLIN 0005, the estimated hour expected to be used shall be provided as soon as possible but no later than two (2) business days after performance begins.

B.4 Associated Labor Categories

The following table defines the labor categories that can be used under each T&M CLIN:

CLIN Number	Labor Categories
00005	#10 Classroom Instructor #36 Facilities Management Director #78 Functional Support Specialist #83 Jr. Threat Design Engineer #83 Jr. Threat Design Engineer #85 Threat Design Engineer #86 Principal Image Engineer #87 Senior Image Engineer #87 Senior Image Engineer #89 Principal Transportation Security Equipment Analyst #90 Principal Operations Research/Systems Analyst #91 Senior Systems Integration Engineer #93 Senior NET/C++/PLSQL Programmer #95 Chemist #96 Associate Chemist/Lab Assistant

	<p>#97 Senior Engineering Modeler #98 Lead Engineer/Modeler #101 Drafter #103 Original Equipment Manufacturer (OEM-Engineer I) #104 Original Equipment Manufacturer (OEM-Engineer II) #105 Original Equipment Manufacturer (OEM-Engineer III) #106 Original Equipment Manufacturer (OEM-Field Svc. Engr.)</p>
0007	<p>#10 Classroom Instructor #36 Facilities Management Director #44 Image Technician #55 Configuration management Specialist #58 Senior Information Technology Specialist #78 Functional Support Specialist #83 Threat Design Engineer #86 Principal Image Engineer #88 Scientific Study Designer/Analyst #91 Senior Systems Integration Engineer #93 Senior NET/C++/PLSQL Programmer #95 Chemist #96 Associate Chemist/Lab Assistant #97 Senior Engineering Modeler #103 Original Equipment Manufacturer (OEM-Engineer I) #104 Original Equipment Manufacturer (OEM-Engineer II) #105 Original Equipment Manufacturer (OEM-Engineer III) #106 Original Equipment Manufacturer (OEM-Field Svc Engr.)</p>
CLIN 0008	<p>#10 Classroom Instructor #36 Facilities Management Director #43 Senior Image Technician #44 Image Technician #58 Senior Information Technology Specialist #78 Functional Support Specialist #83 Threat Design Engineer #84 Associate Threat Design Engineer #85 Threat Design Engineer #86 Principal Image Engineer #87 Senior Image Engineer #87 Senior Image Engineer #91 Senior Systems Integration Engineer #93 C Senior NET/C++/PLSQL Programmer #95 Chemist #96 Associate Chemist/Lab Assistant #97 Senior Engineering Modeler #98 Lead Engineer/Modeler #103 Original Equipment Manufacturer (OEM-Engineer I) #104 Original Equipment Manufacturer (OEM-Engineer II) #105 Original Equipment Manufacturer (OEM-Engineer III) #106 Original Equipment Manufacturer (OEM-Field Svc Engr.)</p>
CLIN 0012	<p>#44 Image Technician #55 Configuration Management Specialist #58 Senior Information Technology Specialist #83 Jr. Threat Design Engineer</p>

	<p>#85 Threat Design Engineer #86 Principal Image Engineer #87 Senior Image Engineer #87 Senior Image Engineer #91 Senior Systems Integration Engineer</p>
CLIN 0013	<p>#44 Image Technician #55 Configuration Management Specialist #58 Senior Information Technology Specialist #86 Principal Image Engineer #87 Senior Image Engineer #88 Scientific Study Designer/Analyst #91 Senior Systems Integration Engineer #97 Senior Engineering Modeler #103 Original Equipment Manufacturer (OEM-Engineer I) #104 Original Equipment Manufacturer (OEM-Engineer II) #105 Original Equipment Manufacturer (OEM-Engineer III) #106 Original Equipment Manufacturer (OEM-Field Svc Engr.)</p>
CLIN 0015	<p>#10 Classroom Instructor #36 Facilities Management Director #58 Senior Information Technology Specialist #78 Functional Support Specialist #84 Associate Threat Design Engineer #85 Threat Design Engineer #86 Principal Image Engineer #87 Senior Image Engineer #89 Principal Transportation Security Equipment Analyst #91 Senior Systems Integration Engineer #93 Senior NET/C++/PLSQL Programmer # 95 Chemist #96 Associate Chemist/Lab Assistant #97 Senior Engineering Modeler #98 Lead Engineer/Modeler #103 Original Equipment Manufacturer (OEM-Engineer I) #104 Original Equipment Manufacturer (OEM-Engineer II) #106 Original Equipment Manufacturer (OEM-Field Svc Engr.)</p>
CLIN 0018	<p>#10 Classroom Instructor #36 Facilities Management Director #43 Senior Image Technician #43 Senior Image Technician #44 Image Technician #76 Assembly Technician #78 Functional Support Specialist #83 Jr. Threat Design Engineer #83 Jr. Threat Design Engineer #84 Associate Threat Design Engineer #85 Threat Design Engineer #86 Principal Image Engineer #87 Senior Image Engineer #91 Senior Systems Integration Engineer #93 Senior NET/C++/PLSQL Programmer #95 Chemists</p>

#96 Associate Chemist/Lab Assistant #97 Senior Engineering Modeler #98 Lead Engineer/Modeler #101 Drafter
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B.5 Overtime

Under this Task Order, overtime shall only be allowed for the following non-exempt (WD) labor categories and at the following overtime rates. These rates are based on 1.5 base rate salary and applicable burdens per the original contract. Prior to performing any overtime under time and material CLINs, the Contractor shall submit a request for approval to the Contracting Officer Technical Representative and Technical Monitor and provide the estimated hours expected to be used.

Labor Category	Labor Rate
43A – Senior Image Technician (Off-Site)	(b)(4)
44A – Image Technician (Off-Site)	

B.6 Conditions and Assumptions

The prices above are based on the conditions and assumptions stated in Attachment S that have been accepted by the Government and incorporated into this Task Order.

(End of Section B)

SECTION C – STATEMENT OF WORK

1. Scope of Product, Service, or Outcome

The contractor shall provide a broad range of services to assist and support Department of Homeland Security (DHS) Transportation Security Administration (TSA) Operational and Technical Training, Office of Human Capital, Office of Security Capabilities, and Office of Inspection in support of the following tasks. They include:

- Project Management
- Quality Assurance
- Government Furnished Equipment, Information, and Property (GFE/GFI/GFP) Management
- Threat Mitigation Laboratory (TML)
- Facilities Management
- Security Requirements
- Subject Matter Expert (SME)
- Help Desk (Tiers 1, 2, 3, and 4) and Field Support
- Global Threat and Image Support for TSA learning technology products and the Threat Image Projection (TIP) Program
- Threat Image Projection (TIP) Program Support
- Image Development and expertise to analyze image performance and conduct analysis at the component, sub-component levels of the various types of threat items.
- Threat Design, Build or Acquisition of threat, non threat and alarm objects.
- Rapid Response for Emerging Threats
- Threat Image Library (TIL) Management
- Product support, software development, requirements definition and management, and helpdesk support for image based simulation products
- Development, pilot, analysis, and management of image assessments and tests for image based simulation products and other testing applications as required by TSA
- Threat Kit Program Support and Maintenance

2. Period of Performance

February 8, 2012 – February 7, 2013

3. Definition of Terms

Adaptive Learning

Training that is managed by an algorithm to adjust difficulty, threat and bag mix based upon the individual TSO's training performance.

Alarm Information File

A human readable file which shows the Alarm item and insulation in both normal and x-ray form with call-outs to support training objectives.

Alarm Object (AO)

One or more objects put together that forces the EDS machine to interpret the object as a possible threat.

Alarm (Object) Information File (AIF)

Human readable .JPG that has the x-ray image from the EDS machine with callouts of the items that make up the alarm object. Also in the file is a picture of the alarm object and the decision that makes the alarm object either clear, suspect or obvious.

AT-1

First generation of dual-monitored x-ray units used for screening passenger bags at airport checkpoints.

AT-2

Second generation of dual-monitored x-ray units used for screening passenger bags at airport checkpoints.

AIT Anomaly

An item that appears in the AIT image that is inconsistent with normal body parts. These are items which require secondary screening to resolve.

Bad Actor

A fictional threat image with performance at or below the false alarm level. Bad actors are routinely removed from image libraries until such time as additional training can be performed and they become viable for statistical analysis.

Bag Information File (BIF)

JPG file that shows the x-ray image of a bag with callouts of common objects within the x-ray image, also included in this file is a photo layout of the bag and its contents.

Body Information File

A human readable file which shows the model's body with face blurred, and anomalies placed on a mannequin as normal photographs and the corresponding AIT image all with call-outs to support training objectives.

Canonical View

The most common viewpoint that the threat is normally found in.

Clutter

Normal items carried by passengers in their luggage which "clutter" an x-ray image.

Combined Alarm Image (CAI)

File of a bag constructed with one or more than one alarm objects and appropriate bag clutter. CAIs contain a photo of the bag alarm object, ancillary alarms and contents, along with a screen capture. A fully documented CAI includes the energy files and screen shots from all EDS platforms supported. The combined alarm object (AOs plus clutter) must consistently alarm on all machines.

Combined Threat Image (CTI)

Image of threat that is placed in a bag and scanned on the TRX and Auto EDS platforms.

Custom Session

A collection of clear and threat images used for a specific training purpose.

Data Complete

This is a conceptual point in time mutually agreed to between LM and TSA. As TIP data is received it comes in varying levels of completeness. Analysis does NOT begin until TSA and LM have mutually agreed that it is "complete" enough to begin and conduct a worthwhile analysis.

Energy File

A file native to a specific piece of TSE which is generally in the form of encrypted, compressed binary data.

Fictional Threat Image (FTI)

An image captured on the Transportation Security Equipment (TSE) without a bag to ultimately create a soft CTI or Combined Threat Image. Also the file extension of the Rapiscan 520 and 620 DV machines.

File Format – (Cobra)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: Multiple extensions

File Format – (CT-80)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: high.tif, and low.tif

File Format – (Fusion)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: Multiple extensions

File Format – (GE CTX)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: ctimg.I, ctinspect, ctrecon, ctscan, spimg.I, spinspect, sprecon, and spscan

File Format – (L-3 AIT)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: .mtx For calibration and can files, .txt (for scan and mark information)

File Format – (L-3 Examiner)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: .uio.gz

File Format – (Rapiscan AIT)

A collection of files necessary to reliably reproduce the image on a simulator. Includes: .img

File Format - .ccob

A combined EOB with all 18 images required by TRX Simulator contained in one file.

File Format - .cti

A Rapiscan native CTI file. This file contains header information about the iage and the image. Each generator and array combination creates a separate image.

File Format - .eob

A Rapiscan 3D20 Native energy file.

File Format - .fti

A Rapiscan native FTI file. This file contains header information about the image and the image. Each generator and array combination creates a separate image.

File Format - .hif

A Smith's Detection native file. This file contains header information about the image and any alarms produced and each image captured by a specific set of arrays.

File Format - .pxe

An L-3 LS110-II native energy file.

File Format - .pxi

An L-3 LS110-II energy file converted for use in TIP.

File Format - .wim

An L-3 LS110-I native energy file.

Globally Unique Identifier (GUID)

A globally Unique Identifier is a 32 character alpha-numeric name which is globally unique to all systems.

Globally Unique Use ID (GUIDD)

A TSA specific user ID assigned in concert with the STIP Help Desk. It is maintained and managed through the TIP User Management System (TUMS).

Image Blending Algorithm

Image blending is performed when two x-ray images (generally a threat and clear bag) are brought together through an OEM based proprietary algorithm. Unlike combining photos using commonly available photo software, images are blended at the data or energy level mathematically first, and then processed through the image presentation algorithm for projection on the screen.

Mimic Algorithm

TRX Simulator uses a mimic algorithm to replicate blending and coloring, as well as user interaction with the system to replicate within the closest visual parameters to the real TSE. Mimic algorithms are approved by a joint working group of LM, TSL, and TSA personnel who assess the fidelity of the screen presentation against that produced by the actual TSE.

On-Line Learning Center (OLC)

The TSA web-site where training is managed and tests are launched. The single authority for training records.

Orientation

Orientation is a combination of the rotation of a threat in a specific viewpoint angle and its X/Y/Z placement in the bag.

PASS On-Line

The web-site used by OHC to manage test data. This location holds and maintains item level detail on each image test provided.

Scan Information File (SIF)

Set of 56 scans/images associated with a single model containing photos, scan views, and call-out labels for both model and mannequin.

Security Technology Integrated Program (STIP)

The program that networks transportation security equipment to enhance HQ's ability to control settings and manage image libraries.

SENSITIVE SECURITY INFORMATION (SSI)

As stipulated in 49CFR Part 1520; SSI is information that TSA/FAMS has determined must be protected from improper disclosure in order to ensure transportation security. Training on SSI will be conducted annually for all LMTT personnel.

Soft CTI

A CTI created through a systemic approach using data. The difference between a soft CTI and CTI is the CTI is an image file, and the soft CTI is a data file.

STATEMENT OF WORK (SOW)

This is the document that details the scope of work that the Federal Government is expecting the contractor to provide during a specific period of performance.

STIP Library Update

A STIP Library Update package includes a full image library, command and control files in the format necessary to upload the STIP server and each type of STIP TSE. This includes a different format for each OEM and class of equipment.

Task Order Manager/Assistant Task Order Manager (TOM/ATOM)

A member of the contract team designated by the contractor to direct the administrative activities of the Task Order Programs and to perform the functions of the Project Manager.

Technical Direction

Technical Direction (TD) is documented direction from the Government to the contractor on matters regarding execution of agreed-upon services or products as documented in the Contract (Task Order).

Technical Monitor (TM)

An individual nominated by the COTR and designated by the CO to act as his/ or her authorized representative for the technical administration of specific task(s) as defined within the Task Order Statement of Work. The duties and limitations of the TM are contained in a written letter of designation.

Test Bag

A bag specifically created or assigned to a test or test library. The bag cannot be re-used in training applications without express approval from OHC.

Test Library

A library of images specifically for testing that cannot be used in training until released by OHC.

Threat Image Library (TIL) Repository

The TIL Repository contains all TIP, Training, and Testing images and data about the images and the threat or alarm items contained within them. Images are chosen from the repository to create libraries. Images with performance data have that data available for library selection.

Threat Information File (TIF)

JPG file that shows the canonical view x-ray from the Rapiscan 620 DV. Also in the file is a picture of the threat object and the title describing the threat. IED TIFS have the P.I.E.S. callouts on them if present in the device.

P – Power Source

I – Initiator

E – Explosives

S - Switch

TIL/TKIT

This is the TME&I government contractor created/supported database that contains the Threat Image Library (TIL) Repository, Threat Kit (TKIT) Database, and associated data from the TIP database. This TIL provides access to all threat items and images with association to their respective threat items. Additionally, Image performance data is captured from TIP and represented with image data, and all kit activity is made available online. Data is updated regularly as work occurs allowing the government to follow progress in real time.

TIP 1A February Specification

This is a specification, that has not been implemented, which changes category names specifically, IED to explosive.

TIP 1A November Specification

The currently fielded TIP specification for legacy equipment. This specification continues to refer to explosives as IEDs in terms of category and supports TRX-U. TIP images released under this spec begin in number starting with 2000.

TIP AT Library Update

A TIP library update focused on AT systems using TLUS and TLU methodologies—but including images with all views supported by the TSE.

TIP Image Library

A TIP image library is created based upon TSA requirements and tagged by month and year, for example October 2007. The library includes a collection of images selected based upon TSA priorities. The contractor attempts to normalize each threat category based upon available images. Bad actors and images that provide little or no training value are excluded from libraries.

TIP Library Creation Software (TLCS)

TIP library creation software is used to create TIP Library Update Software (TLUS). The software is an OEM provided custom application that allows LM to place images in specific folders and establish specific machine setting by category airport and generate an auto installation package for the particular type of equipment.

TIP Library Naming Convention

The convention used to name a particular TIP library. This naming convention is governed by the most current specification for the TSE in question. Specifications currently affecting TIP library naming include the TIP 1A, AT-1, STIP, and TRX-U specifications.

TIP Library Update

A TIP library update disk leverages on-board software from specific TSE to install and update TIP libraries and users. Typically, the on-board software will walk the user through the various screens required to facilitate system configuration.

TIP Library Update Software (TLUS)

TIP library update software is an auto executing software application that automatically installs the TIP library and machine specific settings by the TIP administrator.

TIP TRX Library Update

A TIP library update focused on legacy TRX systems including TLUS and TLU update methodologies.

Training Library

A group of images used in training that cannot be used in testing at any point in future, unless the image is of such a nature that it will appear in only one way regardless of presentation (e.g., empty bin). Once a CTI is deployed in training it can never be used in testing for that population of people.

Training Support Center (TSC)

The warehouse where all training aids and materials are stored until needed at training sites in the field.

TRX Simulator Clear Bag

A clear bag is a bag captured without any prohibited items in it. This bag should be determined by the TSO to not require secondary screening.

TRX Simulator FTI

An FTI that is captured on the Rapiscan 3D20 for legacy systems or the Rapiscan 620DV for AT and legacy systems. Legacy FTIs are captured in [redacted] viewpoint angles and then flipped by an external tool to create the [redacted] viewpoints each in different orientations. AT FTIs are captured in [redacted] viewpoints which include viewpoint and rotation [redacted] (b)(3):49 U.S.C. § 114(r)

TRX Simulator Test Distribution

A test distribution is a separately installable test package for TRX Simulator. TRX Simulator may have one and only one test distribution at any time. When updated, all data associated with the prior distribution is archived until the next update, at which time the data is deleted. The test distribution also contains data to manage communications protocols with OLC and PASS On-Line.

TRX-U Library Update

A TRX-U library update package is formatted consistent with the TIPIA November Specification and is peculiar to each OEM class of equipment. TRX-U will include command files and GUIDs as required by the OEM.

Unique Threat Bag

A unique threat bag is a combination of threat and clear bag in with the threat in a particular orientation and viewpoint angle.

View Point Angle

The positioning of a threat based upon the X and Y axis. TRX Simulator uses [redacted] specific view point angles, where as TIP uses free-form viewpoint angles. An example of a viewpoint angle would be [redacted] around the X axis and Y axis from the Canonical view. (b)(3):49 U.S.C. § 114(r)

4. Task A - Global Threat Mitigation, Engineering and Image (TME&I) Support

4.1. Project Management (CLIN 0001 Firm Fixed Price (FFP))

4.1.1 The contractor shall provide project management oversight to include such tasks as scheduling, finance, milestones, deliverables, and overall program performance.

4.1.2 The contractor shall develop and maintain program schedules and track/report progress for each separate Task within this SOW. This shall also include a combined Weekly Status Report for all Tasks within this SOW. The Weekly Status Report shall contain:

4.1.2.1 Engineering Change Proposal/ Request for Deviation (ECP/RFD) Impact Report

4.1.2.2 Current Project Schedule for each Task

- 4.1.2.3 Weekly Travel Report (task specific)
- 4.1.2.4 Weekly Trouble Ticket Report
- 4.1.2.5 Weekly Progress/Activity Report (task specific)
- 4.1.2.6 Weekly Projected Activity Report (task specific)

4.1.3 The contractor shall work in close partnership with TSA Technical Monitors to develop effective schedules to meet TSA needs.

4.1.4 The contractor shall monitor schedule, analyze critical paths, dependencies and provide recommendations to reduce risk and ensure schedule success.

4.1.5 The contractor shall support the review of project plans for accuracy regarding cost, schedule and technical risks by providing analysis of proposed plans.

4.1.6 The contractor shall identify and manage risks and changes to the plan (risk management and change control). The contractor shall also recommend actions to address deficiencies or reduce program risk.

4.1.7 The contractor shall provide TSA project support, operations support, and analytical support to the program to facilitate the program's goal of maximizing security personnel performance in threat identification.

4.1.8 The contractor shall conduct one (1) monthly Program Management Review (PMR) per month to outline previous month's activities, issues, risks and forecasting on all projects within this SOW, on a Task by Task basis; with associated CLINs. The PMR shall include Task Order contract status, task activity by CLIN, cost and financials; previous months Deliverable status, forecast of upcoming deliverables; Challenges and Risks and monthly performance review. Softcopy draft will be provided to the Task A Technical Monitor (TM) 24 hours before PMR. The TM will provide feedback within six (6) hours. The final will be provided to all participants via email NLT two (2) hours before the actual meeting. A Total of Six (6) unbound hardcopies will be provided to the PM and TMs at the meeting.

4.1.9 The contractor shall provide online systems to update status on overall task management activities, initiate and track Technical Direction (TD), Program Project/Task/sub-task level reporting and data management.

4.1.10 The contractor shall provide a detailed monthly reporting of ODC items procured. ODCs shall be mapped to Task and activity.

4.1.11 The contractor shall create a detailed cumulative cost report for HSTS01-11-R-OOP15 (i.e., Task Order 12).

4.2. Quality Assurance (CLIN 0001 FFP)

4.2.1 The contractor shall ensure that all Task Order performance objectives and deliverables are of the highest achievable quality; to promote continuous improvement; and ensure best practices are employed at all times. Contractor processes and Standard Operating Procedures shall be followed and are auditable by TSA Quality Assurance personnel.

4.2.2 The contractor shall provide a Task Order specific Quality Assurance Project Plan (QAPP).

4.2.3 Inspection and acceptance of all deliverables required under this SOW will be performed by the Deliverable Recipient as specified within each Task. All deliverables are due by 12:00 pm EST on the day specified, unless otherwise agreed upon by the government. The Government will review the deliverable and provide the contractor with a notification stating whether the deliverable is acceptable or not acceptable.

4.2.4 TSA will provide a Quality Assurance Surveillance Plan (QASP) within 20 business days of receipt of QAPP.

4.2.5 The TSA TM will be the government quality assurance single point of contact. TSA will conduct QA for requirements conformance in accordance with Task Order specific Government QASP.

4.3 Government Furnished Equipment, Information, and Property (GFE/GFI/GFP) Management (CLIN 0001 FFP, CLIN 0002 Not To Exceed (NTE))

4.3.1 All GFE shall be tracked and reported under the base contract. All government equipment and property assigned to the contractor shall be managed within the contractor property system; however, spare kits and those assigned to entities not within the control of the contractor shall be managed in the TSA Sunflower system and not the contractor property system as outlined in Task E.

4.3.2 The contractor shall use Government Furnished Equipment (GFE) for all Tasks within the SOW. The configuration of any Transportation Security Equipment (TSE) systems shall be the same as fielded units operating at the TSA specification for U.S. airports unless otherwise directed by the Government. Should a deviation (Request for Deviation (RFD)) to configuration be required, the contractor shall submit the request to the Government for approval. TSA will approve an RFD within two business days.

4.3.3 The contractor may be required to purchase equipment if GFE is not available. TSA Contracting Officer approval will be required and a separate modification will be issued for these purchases. All contractor-acquired equipment subsequently becomes GFE as defined by the terms of the contract. NOTE: This requirement does NOT affect the procurement of firearms or other items below the GFE threshold that are tagged.

4.3.4 In the course of general operations and support, the contractor shall procure consumable items and material to maintain stock levels and supplies for threat creation and other support efforts. Purchases of material shall be tracked and reported on a monthly basis ensuring that operational purchases maintain compliance with all FAR clauses and remain within the not to exceed funding levels for those items. Contractor shall follow ODC rules as defined by the terms of the base contract (to be provided).

4.3.5 TSA will supply TSA property tags as needed.

4.3.6 Property records shall be managed by the contractor and provided on a monthly basis for bulk upload into the TSA Sunflower system or as otherwise mutually agreed to between the contractor and TSA.

4.3.7 The contractor shall provide a monthly Inventory Report.

4.3.8 The contractor shall provide delivery and tracking information on kits, as well as inventory and location to TSA on-demand within 3 business days of request.

4.4 Security Requirements (CLIN 0001 FFP)

4.4.1 Access to classified information up to the TOP SECRET level is required to support the Threat Image Projection (TIP) Program, Threat Kit Program, and Image Development Program. Only individuals who require classified access shall be required to maintain a minimum of a SECRET clearance and only those required to access TOP SECRET information shall maintain a TOP SECRET clearance.

4.4.2 The contractor and sub-contractor personnel for this Task Order who require access to classified information shall hold the appropriate security clearance or higher to support the necessary contractual requirements.

4.4.3 The contractor shall require access to classified material at the TML in Egg Harbor, NJ; the contractors locations in Crystal City, VA. and Moorestown, NJ; TSA HQ; TSIF; TSL; OEM Facilities; and at US Airports as required and approved by TSA. Visit requests are required consistent with the NISPOM and need to know must be approved and certified by TSA prior to any access. The contractor shall submit all requests for TSA approval.

4.4.4 The contractor shall require a DD254 based on the following specifications:

4.4.4.1 Secret Information to be stored at the Threat Mitigation Library in Egg Harbor, NJ and the LM site in Crystal City, VA.

4.4.4.2 Access to SECRET Information.

4.4.4.3 Access to TOP SECRET Information at TSA facilities only.

4.4.5 The contractor facilities in Egg Harbor, NJ and Crystal City, VA shall procure and maintain security and classified storage containers/cabinets to securely house materials rating a minimum classification of Sensitive Security Information (SSI) up to SECRET and firearms.

4.4.6 The contractor shall store/safeguard classified SECRET documents.

4.4.7 The contractor shall view classified TOP SECRET information at TSA facilities.

4.4.8 The contractor shall require, at a minimum, access to Transportation Security Equipment (TSE) vulnerabilities, threshold weights for explosive alarms, and net explosive weights used for training and testing transportation security officers.

4.4.9 The contractor shall require access to existing and emerging intelligence data relating to terrorist training, designs for Improvised Explosive Devices, concealment tactics and strategies, and other information necessary to replicate the terrorist threat.

4.4.10 Select contract and subcontract personnel shall require courier credentials issued by DHS/TSA to allow for the transport of classified information. The contractor shall provide a list of trained classified couriers to TSA to facilitate issuance of the appropriate credentials.

4.4.11 Select contract and subcontract employees assigned to this task order shall require credentials that indicate that they work in support of TSA and frequently transport explosive simulants that appear real without lab testing, and other weapons including real and inert replicas.

4.4.12 Select contract and subcontract employees assigned to this task order shall require TSA badges that will allow them to be issued TSA white package laptop computers. Physical access to TSA headquarters is not required. The white package laptop computers are required to allow these select contract and subcontract employees access to the TSA website and the On-line Learning Center (OLC) via Virtual Private Network (VPN).

4.4.13 The contractor shall retain copies of "Electronic Baggage Screening Program Requirements for Automatic Detection of Explosives" (Version 5.8, dated 1 January 2010, classification SECRET); "Passenger and Carry-On Baggage Explosives Detection Systems Requirements (Version 3.2 dated 5 December 2006, classification Confidential); IT Technical Checkpoint Screening Ops (Version 3.1.01, dated 17 July 2009, classification Confidential; and AT X-ray Detection Requirements Appendix (Version 2.0, dated 5 March 2010, classification Confidential).

4.4.13.1 Contract personnel will be briefed on these documents and though they are relatively short, the content is not best memorized and needs to be available for reference while performing the duties of this task order. Therefore, the contractor shall store one (1) copy at the TML and one (1) copy in the Crystal City facility in a secure location.

4.4.14 The contractor shall store and safeguard classified material in accordance with Executive Order 12958, as amended, Classified National Security Information, and its Implementing Directive No. 1 at the SECRET level in support of program office requirements.

4.4.15 In accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-502, the contractor is authorized to disclose TSA classified information to cleared subcontractors when access is necessary to perform tasks or services for fulfillment of a prime or sub-contract.

4.4.16 In accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-506, the contractor shall not disclose classified information received or generated under this TSA contract to any other Federal agency unless specifically authorized in writing by the TSA Program Office that has classification management jurisdiction over the information and the TSA Contracting Technical Representative (COTR).

4.4.17 In accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-509, the contractor shall not disclose classified information to another contractor except to support a contract, subcontract or other TSA purpose.

4.4.18 The Contractor will access classified material at:

4.4.18.1 Lockheed Martin Services Inc at 1800 South Bell Street Suite 1100, Arlington, VA 22202;

4.4.18.2 Lockheed Martin Maritime Systems & Sensors at P.O. Box 1027, Moorestown, NJ 08057-0927; and

4.4.18.3 Galaxy Scientific Corporation at 2628 Fire Road, #304, Egg Harbor Township, NJ 08234.

4.4.19 The Contractor will store and safeguard classified material in accordance with Executive Order 13526, Classified National Security Information, and its Implementing Directive 32 CFR Part 2001 at the SECRET level in support of program office requirements. Additionally, in accordance with the Department of Defense (DOD) Manual 5220.22-M, "National Industrial Security Program Operating Manual (NISPOM) for Safeguarding Classified Information," Chapter 5, Section 5-502, the contractor is authorized to disclose TSA classified information to cleared subcontractors when access is necessary to perform tasks or services for fulfillment of a prime or sub- contract. In accordance with the NISPOM, Chapter 5, Section 5-506, the contractor shall not disclose classified information received or generated under this TSA contract to any other Federal agency unless specifically authorized in writing by the TSA Program Office that has classification management jurisdiction over the information and the TSA COTR. In accordance with the NISPOM, Chapter 5, Section 5-509, the contractor shall not disclose classified information to another contractor except to support a contract, subcontract or other TSA purpose.

4.5 Threat Mitigation Laboratory (TML) (CLIN 0004 NTE)

4.5.1 The contractor shall provide the hardware, software, facility, materials and services required to manage, operate, and maintain the TML to support TSA requirements for image and threat development, storage, kit development and production, library management and field distribution.

4.5.2 The contractor shall functionally operate the TML including the facility and GFE equipment assigned. NOTE: OEM support for this shall be provided in CLIN 0005.

- 4.5.3 The TML shall provide the appropriate space and configuration to:
- 4.5.3.1 Stage equipment for image creation, production, and review.
 - 4.5.3.2 Conduct Image Reviews.
 - 4.5.3.3 Create Images (may include human models).
 - 4.5.3.4 Develop or acquire threat and non threat devices and threat items.
 - 4.5.3.5 Develop Simulants.
 - 4.5.3.6 Develop threat training aids.
 - 4.5.3.7 Store Chemicals.
 - 4.5.3.8 Maintain training kits and training aids.
 - 4.5.3.9 Develop, manufacture, and deliver training kits and training aids.
 - 4.5.3.10 Develop training manuals for kit usage and other appropriate documentation.
 - 4.5.3.11 Conduct product reviews, demonstrations and training.

4.5.4 The TML shall be required to maintain and store materials rating a minimum classification of Sensitive Security Information (SSI) up to SECRET and firearms.

4.5.5 The contractor shall obtain and maintain proper licensing to obtain, maintain, and store a variety of legal and illegal firearms on-site at the TML. The TML shall meet TSA, Federal, State, and local requirements for the storage of firearms. The TML facility shall be required to render the firearms inert; and/or modify firearms.

4.5.6 The contractor shall maintain threat and non-threat items at the TML.

4.5.7 The contractor shall store in a climate controlled environment explosive and detonator simulants, IED device components, guns, knives, other threat and prohibitive articles, luggage, normal passenger clutter for the luggage, additional equipment/software and facility/support services that are required to meet TSA TML requirements.

4.5.8 The TML shall include space for threat device and threat training item development, machine specific image production, and the storage of all necessary threats, bags, and equipment.

4.5.9 On rare instance (TSA expects two (2) times), when OSC is unable to supply riggers for movement of TSE in or out of the TML, riggers shall be required.

4.5.10 The contractor shall ensure maintenance agreements for GFE TSE are in place and that the GFE provided under this task order is properly maintained.

4.5.11 The contractor shall leverage TSA TSE maintenance agreements when possible.

4.5.12 The facility maintenance shall be CLIN0004; and TSE Maintenance shall be CLIN002.

4.6 Tier 1 and 2 Help Desk and Field Support (CLIN 001 FFP)

4.6.1 The contractor shall provide multiple tier (Tier 1 and 2) Help Desk support for operational learning technology products (e.g., Simulator, Threat Kits), OHC image tests and assessments, and the TIP Program.

4.6.2 The contractor shall provide an initial response to a TSA request for assistance (trouble ticket) via phone or email within 24 hours (1 business day), unless TSA has directed re-prioritization of resources in support of a release or other priority.

4.6.2.1 The point of entry for a trouble ticket shall be provided via the contractor online system and may require the contractor to create a ticket. .

4.6.2.2 TSA will route the trouble tickets received by TSA Training to the contractor for action by instructing the airport to open a trouble ticket on the contract system. .

4.6.2.3 During periods of post deployment surges, the contractor and TSA will identify mutually agreeable response times based upon TSA priorities. For example: if resources are focused on a national issue, individual tickets may be deferred until such time as the national issue is resolved. After which, the contractor shall be provided a reasonable amount of time to manage individual tickets but not more than one week.

4.6.3 The contractor shall resolve Tier 1 and 2 tickets within 48 hours (2 business days). Tier 1 tickets are defined as issues that can be resolved without extended troubleshooting, such as: Super User password reset, decoding a test result. Tier 2 tickets are defined as requiring multiple calls and/or emails from the LM helpdesk to ticket creator. NOTE: See exception to 48 hour requirement in Section 4.6.8.

4.6.4 The contractor shall notify TSA of any exception and provide a follow-up phone call and/or email to the requestor to update the status of the issue. The contractor shall not be held accountable for time waiting for an airport to respond with requested information (i.e. critical information related to an error or files required to troubleshoot an error)..

4.6.5 The contractor shall provide Tier 1 and 2 support for 40 hours per week during the normal business hours of 8 AM through 5 PM EST Monday through Friday; and shall complete trouble ticket logs each time a ticket is accessed. Log entries shall be consistent, clearly understandable and outline what action is or was taken.

4.6.6 The contractor shall provide on-call support for emergency trouble tickets. Emergency trouble tickets are those which inhibit the Training Managers/Specialists or Security Training Instructors from administering a test or retrieving test results needed immediately, or those situations tasked by the TSA TM.

4.6.7 The contractor shall provide technical customer service support to all TSA airports.

4.6.7.1 The contractor shall identify representatives to serve as the field liaison for the Emerging Technology Program and shall foster a collaborative working relationship between the contract personnel, OTT, and TSA field personnel.

4.6.7.2 The representatives shall communicate technology training impacts to the airports and resolve issues when new releases of equipment or technologies occur(e.g., provide front line communications with airports on new releases to TRX Simulator, pilot planning for software and on-site visits, and TIP library releases with or without on-site support).

4.6.7.3 The representatives shall assist the field with Threat Kit upgrades, shipping, contacts and schedule rotations.

4.6.7.4 The representatives shall assist the field with TRX Simulator, EDS Simulators, AIT Simulators, LM laptops and all other emerging technologies problems/issues.

4.6.7.5 The representatives shall provide on-site field support to airports for TIP, TRX Simulator, and other special projects as required. .

4.6.7.6 The representatives shall provide TIP library upload support either remotely or on-site and also support pre-clearance airports as required. .

4.6.7.7 The representatives shall serve as pilot proctors, software testers and maintain a solid interface between the task order helpdesk and other TSA (e.g., STIP, PASS, SPOC, and Siemens) helpdesks.

4.6.7.8 The representatives shall provide property management support to airports in support of kit issues, audits, and other property questions and interface directly with TSA DPMO staff.

4.6.8 Threat Kits and Threat Kit replacement items shall be shipped to airport in next shipping cycle; and are not required to be shipped within the 48 hour timeframe specified within Section 4.6.3.

4.7. Tier 3 and 4 Help Desk Support (CLIN 001 FFP)

4.7.1 The contractor shall provide multiple tier help desk support for simulator and technology products.

4.7.2 The contractor shall provide an initial response to a TSA request for assistance (trouble ticket) via phone or email within 24 hours (1 business day), unless TSA has directed re-prioritization of resources in support of a release or other priority.

4.7.2.1 The point of entry for a trouble ticket shall be provided via the contractor online system and may require the contractor to create a ticket.

4.7.2.2 TSA will route the trouble tickets received by TSA Training to the contractor for action by instructing the airport to open a trouble ticket on the contract system.

4.7.2.3 During periods of post deployment surges, the contractor and TSA will identify mutually agreeable response times based upon TSA priorities. For example: if resources are focused on a national issue, individual tickets may be deferred until such time as the national issue is resolved. After which, the contractor shall be provided a reasonable amount of time (but not more than one (1) week) to manage individual tickets.

4.7.3 The contractor shall notify TSA of any exception and provide a follow-up phone call and/or email to the requestor to update the status of the issue. The contractor will not be held accountable for time waiting for an airport to respond with requested information (i.e. critical information related to an error or files required to troubleshoot an error). NOTE: Severity of issues is defined within the Help Desk Standard Operating Procedure document.

4.7.4 The contractor shall provide Tier 3 support for 40 hours per week during the normal business hours of 8 AM through 5 PM EST Monday through Friday; and shall complete trouble ticket logs each time a ticket is accessed. Log entries shall be consistent, clearly understandable and outline what action is or was taken.

4.7.5 The contractor shall provide on-call support for emergency trouble tickets. Emergency trouble tickets are those which inhibit the Training Managers/Specialists or Security Training Instructors from administering a test or retrieving test results needed immediately, or those situations tasked by the TM.

4.7.6 Tier 3 support may require software changes to correct a bug (i.e., when a portion of the software does not function as designed). The Contractor and TSA shall mutually agree on the priority delivery timeframe of any emergency fix. The Contractor shall correct and test any emergency fix as quickly as possible. The Contractor shall assist in the certification testing. Non-emergency fixes shall be scheduled into a future software release.

4.7.7 Tier 4 support is part of the change management process and is considered recommended enhancements or changes to be captured and held for TSA direction. The Contractor shall

maintain and keep up to date all enhancements or change requests, and TSA shall be able to retrieve these at any time to review. Prior to any major or minor upgrades, TSA shall identify any enhancements or changes that may be considered for development and the Contractor shall provide an estimate on the level of effort to accomplish, and identify any synergies in combining any enhancements. The Contractor may be required to support change management and requirements tracking on the LMSC. The Contractor shall support a T-1 line, router and server in their development facility and for their development team to use the Contractor's accounts for distribution and maintenance of software packages.

4.8 Threat and Image Support (CLIN 0001 FFP)

4.8.1 The contractor shall enter information (e.g., full descriptive data about each image, including category, image outcome, and associative components of the image, including threat items, bags, and alarm objects and clutter) into and maintain data in the Threat Image Library (TIL).

4.8.2 The contractor shall analyze current images for obsolescence whenever libraries are being designed or updated.

4.8.3 The contractor shall design and acquire threats and build threats to support all the Tasks within the SOW.

4.9 SME Support (CLIN 0001 FFP and CLIN 0005 Time and Materials (T&M))

The contractor shall provide subject matter expertise in support of analysis reports and program support with attention to the following areas: Original Equipment Manufacturers (OEMs), x-ray technology, Engineering, explosive technologies and threat analysis. NOTE: Support from OEMs shall be charged to CLIN 0005.

4.10 Rapid Response (CLIN 0005 T&M)

4.10.1 The contractor shall provide rapid response capability to respond to short notice high threat information. TSA expects a rapid response event every other month, up to a total of six (6) during this POP.

4.10.2 The contractor shall produce threat items and images within 48 to 72 hours. TRX Simulator training sessions may be required. The contractor shall create bag information files for any new TRX Simulator bags created.

4.10.3 The contractor shall support IED accessory kit rapid response activities within 72 hours when OTT determines an emerging threat warrants action.

4.10.4 Rapid response deliverables may be various formats (e.g., Fictional Threat Images, Combined Threat Images, PowerPoint presentations, TRX Simulator Images, TRX Simulator Sessions, Threat Items, Threat blueprints, threat build instructions).

4.10.5 Rapid response support is a function of re-prioritizing resources planned for image capture.

4.10.6 Contract personnel shall be contactable 24/7 via blackberry in support of Rapid Response Activities. These include the TML team leader or designee, the Lead EOD Technician and key threat designers.

4.10.7 TSA personnel will be available for consult within 30 minutes, throughout the rapid response development activity.

4.11 Travel (CLIN 0003 NTE)

4.11.1 The contractor shall support Domestic and International Travel for this task order. TSA estimates that the contractor shall be required to travel 50 domestic trips and five (5) international trips.

4.11.1.1 Reimbursement of travel will be in accordance with the Terms and Conditions of the IDIQ Contract.

4.11.1.2 The contractor shall notify TSA of planned travel in weekly reports.

4.11.2 The contractor shall use Government supplied amount of \$400,000.00 as estimate for CLIN 0003 travel for Task C CLIN 0013 pilot activity. TSA has provided this estimate based on historical data.

4.12 Task A Deliverables

#	Deliverable	Due Date	Deliverable Recipient	Government Review
1	Weekly Status Report	Tuesday of every week	All TMs	1 Business Day
2	Integrated Task Project Schedule	2/15/2012	Task TM	5 Business Days
3	Task Order Kickoff Meeting	02/15/2012 OR NLT 15 business days after award	Task TM	5 Business Days
4	Monthly Program Management Review (PMR)	Monthly on Tuesday closest to 15th of the month	All TMs	5 Business Days
5	Property records	5th of every month or closest business day	TSA Property Manager & Task TM	5 Business Days
6	Inventory Report	5th of every month or closest business day	TSA Property Manager & Task TM	5 Business Days
7	Help Desk Call Log (Tier 1,2,3 &4)	Available on Request	All TMs	N/A
8	Customer Service Field Support Log	Available on Request	All TMs	N/A
9	Rapid Response Product	Within 48 hours of request or as agreed upon	Task TM & TSA Requester	1 Business Day
10	Procurement ODC Report	2 business days after invoice sent to TSA	Task TM	3 business days
11	Task Order Quality Assurance Project Plan (QAPP)	2/15/2012	All TMs	5 Business Days
12	HSTS01-11-R-OOP15 Cumulative Cost Report	4/18/2012	TM	10 Business Days

4.13 Inspection and Acceptance Criteria

See Section 4.2

5. Task B Threat Image Projection (TIP) Program

5.1 Scope

The Transportation Security Administration (TSA) Office of Security Capabilities (OSC) procures and deploys security equipment to checkpoint and checked baggage screening locations nationwide. OSC also develops and implements a wide range of security officer's performance, training and testing activities to support Congressional mandates. The Threat Image Projection (TIP) Program measures image interpretation proficiency at the national and airport level in an operational environment. TSA utilizes TIP data performance analyses to determine performance standards for the security workforce. The contractor shall provide TIP program support, operations support, analytical support to the TIP program, and STIP and special studies support for OSC to facilitate the program's goal of maximizing TSA's image interpretation performance.

5.2 TIP Imaging Support (CLIN 0006 FFP)

5.2.1 The Contractor shall procure or create threat items required for TIP imaging based upon emerging threat intelligence and procedural revisions.

5.2.2 The Contractor shall produce Fictional Threat Images (FTI) (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) Threats will be based upon the prohibited items list and emerging intelligence. Images shall be distributed across threat categories and difficulty levels; specific breakdown will be provided by TSA upon award. 5.2.3 The Contractor shall perform TIP image development and management to include image definition, capture, archiving, database development and management.

5.2.4 The Contractor shall develop, implement, and document processes and procedures to perform analyses of threat alerts and ensure coordination with other organizations (e.g., intelligence, law enforcement).

5.2.5 The Contractor shall catalog and photograph the relevant characteristics of each image, such as weight and type of explosive (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) power source type (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r) container (b)(3):49 U.S.C. § 114(r)

data.

5.2.6 The images shall meet the following criteria:

5.2.6.1 The image of threat item is complete.

5.2.6.2 The image will be of a high quality to ensure no distortion due to pixelation, snow, blurring, etc.

5.2.6.3 IED and other threat article components can be identified. (Depending on the level of IED difficulty, some components may not be visible. However, the explosive charge will, at a minimum, be visible plus one other component.) At the direction of the TSA, the TML shall also create TIP images of individual IED threat components or disassembled IEDs.

5.2.6.4 Each image file will maintain consistent viewpoint angle and rotation across TRX or AT Platforms.

5.2.6.5 No other object is creating an opaque area within the image (applicable to TBD situations for rapid response training items that may include CTIs).

5.2.6.6 The processed image is an accurate representation of the intended target difficulty level for the operator.

5.2.7 The Contractor shall submit images to the TSA TIP program manager for review and approval as specified in 5.6. Task B Deliverables Table Government Review column. TSA will utilize the criteria listed above to determine acceptance. If any images are rejected, the Contractor shall perform follow-up work to develop replacement images that conform to the general specifications of the rejected image(s), correcting any identified deficiencies in the process in the next scheduled volume.

5.2.8 The Contractor shall conduct image reviews (not to exceed two (2) during Period of Performance) upon TSA request. Image reviews will be conducted using the Threat Image Library (TIL) or mutually agreeable format.

5.2.9 The Contractor shall audit and maintain the previously developed Configuration Management Plan, in addition to the analysis of images within the TIP Library. This includes a listing of all library images and monthly volumes. The audit and configuration management should include a detail description of the changes, due to SOP or procedural changes, and issues found during the audit. Each audit report shall identify issues and a corrective action plan.

5.3 TIP Library Management and Distribution (CLIN 0006 FFP)

5.3.1 The Contractor shall support TIP library updates for both standalone and networked Transportation Security Equipment (TSE). This includes tasks such as development of image libraries, quality control and coordination with OEMs, production and distribution of library update packages to airports.

5.3.2 The contractor shall produce one (1) library update annually.

5.3.3 The library maintenance and updates shall support the following platforms:

- 5.3.3.1 RAPISCAN 520 LEGACY
- 5.3.3.2 RAPISCAN TRX-U
- 5.3.3.3 RAPISCAN STIP
- 5.3.3.4 STIP SERVER
- 5.3.3.5 SMITHS 6040/7555 LEGACY
- 5.3.3.6 SMITHS STIP/TRX-U
- 5.3.3.7 SMITHS aTiX
- 5.3.3.8 RAPISCAN 620DV
- 5.3.3.9 L-3 ACXMV

5.3.4 The contractor shall support all systems, including:

- 5.3.4.1 TIPLIB10012007 STIP/TIPIA/TRX-U (October 2007)
- 5.3.4.2 TIPLIB07152008 LEGACY (July 2008)
- 5.3.4.3 TIPLIB04102009v1 (April 2009 aTiX Library)
- 5.3.4.4 TIPLIB20070920 Rapiscan TRX-U/STIP (October 2007)
- 5.3.4.5 TIPLIB01172011 (Smiths AT-1)
- 5.3.4.6 LTIPLIB01172011 (L-3 ACXMV April 2011 AT Library)
- 5.3.4.7 RTIPLIB01172011 (Rapiscan AT-2 Library)
- 5.3.4.8 STIPLIB01172011 (Smiths AT-2 Library)
- 5.3.4.9 TIPLIB06302011

5.4 TIP Data Analysis, Reporting, and Operational Support (CLIN 0006 FFP)

NOTE: Release of Technical Data .

No information, oral or written, concerning TIP made pursuant under this contract shall be published or released to the public without the prior written approval of both the TSA Program Manager and the TSA Contracting Officer.

The contractor shall NOT release information within the government without prior written approval of the Technical Monitor (TM).

5.4.1 The contractor shall manage, store, and analyze TIP data and provide project management support to OSC in the areas of imaging and explosive detection technologies.

5.4.2 The Contractor shall develop program documents, plans, procedures, reports, studies, and analyses, to support TSA performance plans and to document results.

5.4.3 The Contractor shall develop and maintain program schedules and track/report progress of program performance. The Contractor shall analyze critical paths and provide recommendations to reduce risk and ensure schedule success. The Contractor shall support the review of project plans for accuracy regarding cost, schedule and technical risks by providing analysis of proposed plans. The Contractor shall identify and manage risks and changes to the plan (risk management and change control).

5.4.4 The Contractor shall assist TSA with coordination of program plans and objectives with other organizations and stakeholders.

5.4.5 The Contractor shall monitor efforts which will ensure proper execution of TSA approved projects and that project activities are in line with the overall program plan.

5.4.6 The Contractor shall develop and revise operational requirements and conduct special studies and technical analyses in the development of requirements.

5.4.7 The Contractor shall support TSA with the coordination between DHS and other domestic and international partner organizations to identify threats, vulnerabilities and operational considerations to improve TSA security officer image interpretation training and testing.

5.4.8 The Contractor shall support the coordination and resolution of critical decisions and corrective actions.

5.4.9 The Contractor shall develop and deliver presentations (e.g. PowerPoint), training, and other materials, as well as the duplication, and distribution of these materials. TSA estimates two (2) presentations a month.

5.4.10 The Contractor shall analyze the TIP x-ray image library to identify performance trends and provide recommendations for library updates and performance improvements (Semiannually).

5.4.11 The Contractor shall provide x-Ray image library performance analysis to support library management decisions with regard to individual or groups of x-ray images.

5.4.12 The Contractor shall provide Subject Matter Experts (SME) to support theoretical research, object recognition, statistical design tasks.

5.4.13 The Contractor shall collect, consolidate, and track program action items (e.g., capture actions from TIP IPT meetings) as well as actions assigned via email or telephone requests and consolidate them in an action item tracking spreadsheet.

5.4.14 The Contractor shall be required to develop flyers/fact sheets, guides and manuals in support of TIP program objectives. . TSA estimates one per month.

5.4.15 The Contractor shall conduct TIP systems integration, TIP systems engineering, operations research, data modeling, human factors research and analysis. At a minimum, this will include monthly importing of raw TIP data into the TIP database, checking for data inconsistencies and duplication of data, and reporting descriptive statistics on TIP performance and compliance.

5.4.16 The Contractor shall coordinate and conduct field demonstrations and pilot projects evaluating technologies and image training effectiveness and suitability under realistic operational conditions. The contractor shall identify airports to be visited, the purpose of the visit, and any administrative and other resource requirements of the airports.

5.4.17 The Contractor shall analyze TIP performance data and coordinate the training function with the technology deployment function to prepare for the use of new technologies in the field, and support the evaluation and application of training on existing technologies.

5.4.18 The Contractor shall assist in the coordination of pilot activities with TSA and appropriate industry and government stakeholders/partners as requested.

5.4.19 The Contractor shall develop two semi-annual reports which provide in-depth analyses on TIP performance at the national, area, category, and airport levels. Additionally, the report shall include list of Best, Most Improved, and Most Room for Improvement (MRFI) performance levels. The MRFI report shall be delivered one (1) month after the semi-annual report.

5.4.20 The Contractor shall provide the following reports each month. These reports (including their format) are SSI. TSA will provide under separate cover a sample format for each report. TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received. The contractor will provide the TSA TIP program manager with information regarding missing or incomplete data 5 business days prior to report completion.

5.4.20.1 TIP Monthly Data Analysis Report – This report will consist of TIP compliance and performance data organized in the following sections: Introduction, Scope, Quality and Quantity of Data, Summary Analysis, Airport Analysis Detail, and Privatized Airport Analysis.

5.4.20.2 TIP Performance Report for Security Operations (OSO): . Spreadsheet listing the most recent month's non-TIP alarm rates, TIP detection rates (overall and by threat type), and number of TIP presentations for each airport.

5.4.20.3 Non-compliance list for Security Operations (OSO): Spreadsheet listing percent of each airport's shifts exceeding 20, 30, and 40 minutes in duration; TRX/AT machines where a screener accounts for over half of all bags processed; and TRX/AT machines that are not in compliance with TSA ratio guidelines.

5.4.20.4 Data inventory list: . List showing files for each reporting TRX/AT machine and indicating airport, airport category, and airport area to which the machine is assigned. Also includes detailed list of problems noted in raw TIP data; pivot tables showing number of TRX/AT machines reporting by airport and by TRX/AT type; and summary table showing the number of reporting TRX/AT files by file number and TRX/AT type.

5.4.20.5 TIP input to Key Metrics Report: . Spreadsheet presenting national level non-TIP alarm and TIP detection rates (overall and by threat type) for the past year. . Also includes lists of the top and bottom ten airports in terms of detection performance.

5.4.20.6 Comparison data for the Screening Partnership Program (SPP): Non-TIP alarm and TIP detection rates (overall and by threat type) for SPP airports, airport category and area averages, and national averages.

5.4.20.7 Ad hoc reports as requested by TSA. TSA estimates three (3) per month.

5.5 Special Project Reports (CLIM 0007 T&M)

The contractor shall be required to provide special project reports, conduct TIP related studies; design special studies; and provide support to special studies. TSA expects the contractor to perform these activities four (4) times during this POP.

5.6 Task B Deliverables

Number	Item	Due Date	Recipient	Government Review
1	TIP Library Update Disks	TBD	Airports	2 business days
2	TIP Monthly Data Analysis Report	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
3	TIP Performance Report for OSO	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
4	Non-Compliance List for OSO	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
5	Data Inventory List	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
6	TIP Input to Key Metrics Report	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days
7	Comparison Data for SPP	TIP Monthly reports shall be due on the first Friday following 30 calendar days from when raw data is received.	Task B TM	2 business days

8a, 8b, 8c, etc.	Special TIP Studies/Reports	As needed	Task B TM	5 business days
9	Configuration Audit Report	June 4, 2012	Task B TM	5 business days
10	Corrective Action Plan	June 4, 2012	Task B TM	5 business days
11	Presentations	As needed	Task B TM	2 business days
12	Flyers/fact sheets, Guides and Manuals	As needed	Task B TM	2 business days
13A&B	TIP Semi-Annual Report	A April 2, 2012 B October 1, 2012	Task B TM	5 business days
14A&B	MRFI (Best, Most Improved, and Airports with Most Room for Improvement) Report	A May 1, 2012 B November 1, 2012	Task B TM	5 business days

5.7 Inspection and Acceptance Criteria

See Section 4.2

6. Task C Image Development and Image Library

NOTE: Release of Technical Data .

No information, oral or written, concerning assessment data made pursuant under this contract shall be published or released to the public without the prior written approval of both the TSA Program Manager and the TSA Contracting Officer.

The contractor shall NOT release information within the government without prior written approval of the Technical Monitor (TM).

6.1 General

6.1.1 The overall structure of Task C is as follows:

6.1.1.1 Ad-hoc Image Development

6.1.1.2 TRX and Advanced Technology (AT) Image Requirements

6.1.1.2.1 TRX and AT Training Image Requirements

6.1.1.2.2 TRX and AT Assessment Image Requirements

6.1.1.3 Auto-EDS Requirements

6.1.1.3.1 Auto-EDS Training Image Requirements

6.1.1.3.2 Auto-EDS Assessment Image Requirements

6.1.1.4 Explosive Detection Systems (EDS) Requirements

6.1.1.4.1 EDS Training Image Requirements

6.1.1.4.2 EDS Assessment Image Requirements

6.1.1.5 Assessment Image Pilot Requirements

6.1.2 Image development shall occur on multiple technologies and machine types:

6.1.2.1 TRX/AT Machine Types

6.1.2.1.1 Perkin-Elmer (LS110-I) TRX

6.1.2.1.2 L-3 Phase II (LS-110-II) TRX

6.1.2.1.3 Rapiscan (520 series) TRX

6.1.2.1.4 Rapiscan TRX-U TRX

6.1.2.1.5 Smiths Heimann TRX

6.1.2.1.6 Rapiscan 620DV AT

6.1.2.1.7 Smiths 6040 aTiX

6.1.2.1.8 L-3 ACXMV AT

6.1.2.2 Auto-EDS Machine Types

6.1.2.2.1 Analogic Cobra (Both CB and CP format)

6.1.2.2.2 Reveal Fusion (Both CB and CP format)

6.1.2.3 EDS Machine Types (Legacy)

6.1.2.3.1 L3 3DX

6.1.2.3.2 MDI 2555 & 9000

6.1.2.3.3 Reveal CT-80

6.1.2.4 EDS Machine Types (Emerging)

6.1.2.4.1 L3 6600 & 6600 ES

6.1.2.4.2 Analogic XLB & SX

6.1.2.4.3 MDI 5800, 9400, 9800 & 9800e

6.1.2.4.4 Reveal DR +

6.1.3 Attachment A, Task C Image Requirements Matrix, provides a detailed mapping of images to specific technologies.

6.1.4 The contractor shall:

6.1.4.1 Produce, acquire, and/or develop security screening training, testing and assessment images.

6.1.4.2 Provide image development support for existing Threat Image Projection (TIP) Ready X-Ray (TRX), Advanced Technology (AT), Explosives Detection Systems (EDS), and/or Auto-EDS equipment.

6.1.4.3 Schedule and pilot assessment images.

6.1.4.4 Distribute images via the appropriate administration platform.

6.1.4.5 Provide expertise to analyze image performance and conduct analysis at the component, sub-component levels of the various types of threat items.

6.1.4.6 Package screening training, testing and assessment images into consolidated libraries, sessions, or distributions for use in simulators or the appropriate administration platform.

6.1.4.7 Provide library management support for existing Threat Image Projection (TIP) Ready X-Ray (TRX), Advanced Technology (AT), Explosives Detection Systems (EDS), and/or Auto-EDS equipment.

6.1.4.8 Identify, classify, and manage images and associated data within the Threat Image Library (TIL). Review the images contained within the TIL and recommending the removal and archiving of obsolete images.

6.2 Ad-hoc Image Development (CLIN 0008 T&M)

6.2.1 The contractor shall develop training images, as required by TSA, to support specialized security training programs, such as, New Hire Training Program, Basic Screener Training, Recurrent Training, Advanced Training, and Emerging Technologies.

6.2.2 The contractor shall deliver images in human readable format (i.e. jpg or other common image format) via CD or other TSA approved media.

6.2.3 Government Furnished Equipment (GFE): The contractor shall assume that materials required for this effort are available from Task A.

6.2.4 The contractor shall provide a labor category and labor hour breakdown for any technical direction requested under this CLIN, and receive TSA approval to proceed prior to commencing any work, unless otherwise directed by TSA.

6.3 TRX and Advanced Technology (AT) Image Requirements (FFP CLIN 0009)

6.3.1 TRX and AT Training Image Capture Requirements

6.3.1.1 The contractor shall capture 1000 clear bags and 300 fictional threat images (FTI) for TRX Simulator to augment the TRX and AT training library.

6.3.1.2 Images shall be captured in volumes: clear bags will be 100 images per volume and FTIs shall be captured in 30 image volumes upon award. Images shall be delivered monthly on CDs in .jpg format.

6.3.1.3 Threat images shall be accompanied with Threat Information Files (TIFs) and clear bag images shall be accompanied with Bag Information Files (BIFs).

6.3.1.4 The contractor shall augment the existing TRX Simulator training library with 1,000 new clear bag images and 300 new fictional threat images (FTIs).

6.3.1.5 The clear bag images shall contain Bag Information Files (BIFs) that consist of a visual picture of the bag and its contents, and a description of the items contained within the bag.

6.3.1.6 The threat bag images shall contain Threat Information Files (TIFs) that consist of both a visual and x-ray picture of the threat, and a description of the threat item.

6.3.1.7 The clear bag and threat images shall be accessible in all TRX and AT simulation modules of TRX Simulator. The contractor shall develop an Altiris delivery package to upload the images.

6.3.2 TRX and AT Assessment Image Requirements

6.3.2.1 FY 2013 Test Distribution Requirements – TRX Simulator

6.3.2.1.1 The contractor shall finalize FY 2013 Test Distribution based on TSA's image analysis. The Test Distribution will consist of Image Interpretation Tests (IIT), Image Mastery Tests (IMT), and Image Mastery Assessments (IMA). TSA will provide final test design for TRX Simulator thirty calendar days prior to delivery.

6.3.2.1.2 The contractor shall provide a DVD solution for installing the TRX Simulator 2013 Test Distribution and an Altiris push.

6.3.2.1.3 The contractor shall provide a translate data method that transmits all image test (IIT, IMT, IMA) results to the PASS Online.

6.3.2.1.4 The contractor shall provide a translate data method that transmits the IIT and IMT image test results to TSA's Online Learning Center (OLC). The OLC will launch TRX simulator using the current applet method and the contractor shall send the data to the return address provided by OLC without further logging or error checking.

6.3.2.1.5 The contractor shall ensure that all IIT/IMT/IMA assessment files are transmitted and stored on the contractor's website. These assessment files may be removed to permanent storage and accessible for at least seven years.

6.3.2.2 Technical Support Requirements

6.3.2.2.1 The contractor shall provide technical support for TRX Simulator in the setup and delivery of assessments.

6.3.2.2.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.3.2.2.3 The contractor shall assist with OHC to ensure assessment results are recorded properly into PASS Online.

6.3.2.3 The FY2013 Test Distribution will consist of the following tests and quantities:

6.3.2.3.1 Three (3) IIT tests for each machine type. Each test will contain the exact same images and testing criteria (i.e. image time, session time, scoring criteria, etc.), with only minor adjustments to communications settings if appropriate and will include 75 images.

6.3.2.3.2 Five (5) IMT tests for each machine type. Each test will be exactly as it appears today with only minor adjustments to communications settings if appropriate and will include 100 images.

6.3.2.3.3 Three (3) IMA tests for each machine type. Each test will consist of 100 images selected by TSA for that particular test.

6.3.2.4 The contractor shall develop three (3) IMA tests using the three (3) extra IMAs that were initially included in the 2012 test distribution. These IMA tests would need renamed for the 2013 Test Distribution.

6.3.2.5 TSA will provide all optional settings required for the test distribution.

6.4 Auto-EDS Requirements (FFP CLIN 0009, unless specified as OPTION A CLIN 0010 in 6.4.2.2.2, 6.4.2.2.5 and 6.7.2)

6.4.1 Auto-EDS Checked Baggage (CB) Training Image Requirements

6.4.1.1 Analogic Cobra (CB) Image Requirements

6.4.1.1.1 Analogic Cobra (CB) Training Image Requirements

6.4.1.1.1.1 The contractor shall capture 420 Auto-EDS training images.

6.4.1.1.1.1.1 The contractor will provide Curriculum Developers with 150 images for use in developing training materials. These images should be delivered in human readable (i.e. .jpg or similar image format).

6.4.1.1.1.1.2 One 10-image demo session

6.4.1.1.1.1.3 One 40-image training session

6.4.1.1.1.1.4 Six 20-image training sessions

6.4.1.1.1.1.5 One hundred spare images

6.4.1.1.1.2 Images shall be as follows: clear; suspect; obvious. (b)(3) 48 U.S.C. § 114(f)

6.4.1.1.1.4 The contractor shall create the sessions to be used via the OEM simulator, or other appropriate platform.

6.4.1.1.1.5 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

6.4.1.1.2 Analogic Cobra (CB) Assessment Image Requirements

6.4.1.1.2.1 The contractor shall capture 200 Auto-EDS assessment images to use for OQTs.

6.4.1.1.2.2 Images shall be as follows: clear; suspect; obvious. (b)(3) 48 U.S.C. § 114(f)

6.4.1.1.2.3 The bags used for image capture shall closely match previous OQT images captured for Auto-EDS equipment, using the catalogued inventory of bags and items.

6.4.1.1.2.4 The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.4.1.1.2.5 The contractor shall support TSA's work with the OEM for the specific TSE to ensure images captured will reliably reproduce on OEM provided simulators. OEMs will test the images as they are developed and confirm their suitability with the specific TSE and Simulator.

6.4.1.1.2.6 The contractor shall support TSA's work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. To the maximum extent possible, limited by the simulator or TSE, The contractor shall work to develop an auto-run DVD that retains images in encrypted form precluding users from viewing images directly from the DVD.

6.4.1.1.2.7 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

6.4.1.1.3 EDS Assessment Software/Hardware Requirements – OEM Simulator

6.4.1.1.3.1 The contractor shall design, develop and implement software to capture assessment results on the OEM simulator and deliver the resulting data to a TSA approved repository (currently OLC). TSA will provide the contractor with a direct post method to the OLC or alternative storage site that currently accepts a direct post of data. The software development activity for this effort will be performed under CLIN 0018 (T&M) as the software to be integrated does not exist today.

6.4.1.1.3.2 The contractor shall maintain under configuration control, master hard drives (one master and one backup) that can be replicated and installed on necessary simulator hardware. All simulator hardware will be Government Furnished Equipment (GFE).

6.4.1.1.4 EDS Technical Support Requirements

6.4.1.1.4.1 The contractor shall provide technical support to OTT for OEM Simulator in the setup and delivery of assessments.

6.4.1.1.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.4.1.1.4.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

6.4.1.1.5 OQT Delivery. After capturing the 200 assessment images, TSA will select 150 images to be used for developing the OQT:

6.4.1.1.5.1 The contractor shall develop three (3) OQT assessments consisting of 50 images each. TSA will provide the contractor with the final list of images to be included in each OQT.

6.4.1.1.5.2 Each OQT will consist of clear images alarm images, and obvious threats. (b)(3) 49 U.S.C. § 114(f)

(b)(3) 49 U.S.C.
§ 114(f)

6.4.1.1.5.3 The contractor shall create the assessment session to be used via the OEM simulator, or other appropriate platform.

6.4.1.1.5.4 Since only 150 assessment images are being captured to support the OQTs, any unused images will result in TSA using some assessment images in several OQTs.

6.4.1.2 Reveal Fusion (CB) Image Requirements

6.4.1.2.1 Reveal Fusion (CB) Training Image Requirements

6.4.1.2.1.1 The contractor shall capture 420 Auto-EDS training images.

6.4.1.2.1.1.1 The contractor will provide Curriculum Developers with 150 images for use in developing training materials. These images should be delivered in human readable (i.e. .jpg or similar image format).

6.4.1.2.1.1.2 One 10-image demo session

6.4.1.2.1.1.3 One 40-image training session

6.4.1.2.1.1.4 Six 20-image training sessions

6.4.1.2.1.1.5 One hundred spare images

6.4.1.2.1.2 Images shall be as follows: clear; suspect; ~~obvious.~~ (b)(3); 49 U.S.C. § 114(f)

6.4.1.2.1.4 The contractor shall create the sessions to be used via the OEM simulator, or other appropriate platform.

6.4.1.2.1.5 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

6.4.1.2.2 Reveal Fusion (CB) Assessment Image Requirements

6.4.1.2.2.1 The contractor shall capture 200 Auto-EDS assessment images to use for OQTs.

6.4.1.2.2.2 Images shall be as follows: clear; suspect; ~~obvious.~~ (b)(3); 49 U.S.C. § 114(f)

6.4.1.2.2.3 The bags used for image capture shall closely match previous OQT images captured for Auto-EDS equipment, using the catalogued inventory of bags and items.

6.4.1.2.2.4 The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.4.1.2.2.5 The contractor shall support TSA's work with the OEM for the specific TSE to ensure images captured will reliably reproduce on OEM provided simulators. OEMs will test the images as they are developed and confirm their suitability with the specific TSE and Simulator.

6.4.1.2.2.6 The contractor shall support TSA's work with the OEMs to develop load protocols that effectively load the images into the simulators and establish test protocols for OEMs to validate that the load protocol works effectively with the TSE or associated simulators. To the maximum extent possible, limited by the simulator or TSE, The contractor shall work to develop an auto-run DVD that retains images in encrypted form precluding users from viewing images directly from the DVD.

6.4.1.2.2.7 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

6.4.1.2.3 EDS Assessment Software/Hardware Requirements – OEM Simulator

6.4.1.2.3.1 The contractor shall design, develop and implement software to capture assessment results on the OEM simulator and deliver the resulting data to a TSA approved repository (currently OLC). TSA will provide the contractor with a direct post method to the OLC or alternative storage site that currently accepts a direct post of data. The

software development activity for this effort will be performed under CLIN 0018 (T&M) as the software to be integrated does not exist today.

6.4.1.2.3.2 The contractor shall maintain under configuration control, master hard drives (one master and one backup) that can be replicated and installed on necessary simulator hardware. All simulator hardware will be Government Furnished Equipment (GFE).

6.4.1.2.4 EDS Technical Support Requirements

6.4.1.2.4.1 The contractor shall provide technical support to OTT for OEM Simulator in the setup and delivery of assessments.

6.4.1.2.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.4.1.2.4.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

6.4.1.2.5 OQT Delivery. After capturing the 200 assessment images, TSA will select 150 images to be used for developing the OQT:

6.4.1.2.5.1 The contractor shall develop three (3) OQT assessments consisting of 50 images each. TSA will provide the contractor with the final list of images to be included in each OQT.

6.4.1.2.5.2 Each OQT will consist of clear images alarm images, and obvious threats. (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C.
§ 114(r)

6.4.1.2.5.3 The contractor shall create the assessment session to be used via the OEM simulator, or other appropriate platform.

6.4.1.2.5.4 Since only 150 assessment images are being captured to support the OQTs, any unused images will result in TSA using some assessment images in several OQTs.

6.4.2 Auto-EDS Check Point (CP) Training Image Requirements

6.4.2.1 Analogic Cobra (CP) Image Requirements

6.4.2.1.1 Analogic Cobra (CP) Training Image Requirements

6.4.2.1.1.1 Since all required images have been already captured, there are no image capture requirements.

6.4.2.1.2 Analogic Cobra (CP) Assessment Image Requirements

6.4.2.1.2.1 The contractor shall create an FY2012 Test Distribution for the Auto-EDS Analogic COBRA (CP) machine type using previously piloted IIT and IMT Auto-EDS COBRA (CP) images (the images were piloted for IIT/IMT test creation under the previous PoP). The FY2012 Auto-EDS COBRA (CP) distribution will consist of the following tests and quantities:

6.4.2.1.2.1.1 Two (2) IIT tests. Each test will consist of 75 images, and have already been developed under Task Order 12.

6.4.2.1.2.1.2 Three (3) IMT tests. Each test will consist of 100 images, and have already been developed under Task Order 12.

6.4.2.1.2.1.3 Three (3) IMA tests. Each test will consist of 100 images selected by TSA for that particular test.

6.4.2.1.2.1.4 The contractor shall develop the 3 IMA tests using the test design provided by TSA.

6.4.2.1.2.1.3 TSA will provide all optional settings required for the test distribution.

6.4.2.2 Reveal Fusion (CP) Image Requirements

6.4.2.2.1 Reveal Fusion (CP) Training Image Requirements

6.4.2.2.1.1 The contractor shall capture 200 Auto-EDS training images.

6.4.2.2.1.1.1 The contractor will provide Curriculum Developers with 100 images for use in developing training materials. These images should be delivered in human readable (i.e. .jpg or similar image format).

6.4.2.2.1.1.2 One 10-image demo session

6.4.2.2.1.1.3 One 40-image training session

6.4.2.2.1.1.4 One 50-image training sessions

6.4.2.2.1.2 Images shall be as follows: [redacted] clear [redacted] threat [redacted] (b)(3):49 U.S.C. § 114(f)

[redacted] (b)(3):49 U.S.C. § 114(f)

6.4.2.2.1.3 The contractor shall create the sessions to be used via the OEM simulator, or other appropriate platform.

6.4.2.2.1.4 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

6.4.2.2.2 Reveal Fusion (CP) Assessment Image Requirements (OPTION A CLIN 0010FFP)

6.4.2.2.2.1 The contractor shall capture 750 Auto-EDS assessment images.

6.4.2.2.2.1.1 Images shall be as follows: [redacted] clear [redacted] threat [redacted] (b)(3):49 U.S.C. § 114(f)

[redacted] (b)(3):49 U.S.C. § 114(f)

6.4.2.2.2.1.2 Images should be captured for the Reveal Fusion.

6.4.2.2.2.1.3 The images should be captured in Check Point (CP) configuration.

6.4.2.2.2.1.4 Threat images shall be accompanied with Threat Information Files (TIFs) and Bag images shall be accompanied by Bag Information Files (BIFs).

6.4.2.2.3 Auto-EDS Assessment Software/Hardware Requirements – OEM Simulator

6.4.2.2.3.1 The contractor shall design, develop and implement software to capture assessment results on the OEM simulator and deliver the resulting data to a TSA approved repository (currently OLC). TSA will provide the contractor with a direct post method to the OLC or

alternative storage site that currently accepts a direct post of data. The software development activity for this effort will be performed under CLIN 0018 (T&M) as the software to be integrated does not exist today.

6.4.2.2.3.2 The contractor shall maintain under configuration control, master hard drives (one master and one backup) that can be replicated and installed on necessary simulator hardware. All simulator hardware will be Government Furnished Equipment (GFE).

6.4.2.2.4 Auto-EDS Technical Support Requirements

6.4.2.2.4.1 The contractor shall provide technical support to OTT for OEM Simulator in the setup and delivery of assessments.

6.4.2.2.4.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.4.2.2.4.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

6.4.2.2.5 Auto-EDS FY2013 Test Distribution Requirements (**OPTION A CLIN 0010FFP**)

6.4.2.2.5.1 The contractor shall create an FY2013 Test Distribution for the Auto-EDS Reveal Fusion (CP) machine type. The FY2013 Auto-EDS Reveal Fusion (CP) distribution will consist of the following tests and quantities:

6.4.2.2.5.1.1 Two (2) IIT tests. Each test will consist of 75 images selected by TSA for that particular test.

6.4.2.2.5.1.2 Three (3) IMT tests. Each test will consist of 100 images selected by TSA for that particular test.

6.4.2.2.5.1.3 Three (3) IMA tests. Each test will consist of 100 images selected by TSA for that particular test.

6.4.2.2.5.1.4 The contractor shall develop the 3 IMA tests using the test design provided by TSA.

6.4.2.2.5.1.5 TSA will provide all optional settings required for the test distribution.

6.4.2.2.5.2 TSA will provide all optional settings required for the test distribution.

6.5 Explosives Detection Systems (EDS) Requirements (FFP CLIN 0011)

6.5.1 EDS/Auto-EDS Bag Preparation and Storage Requirements

6.5.1.1 The EDS Program requires that the same bag, contents, and configuration be used for the capture of images across all legacy EDS equipment and any emerging EDS equipment that is selected for use by TSA.

6.5.1.2 The contractor shall prepare and store (b)
(4) bags for use in image capture in support of 6.5.2. This bag set must remain separate from the assessment image capture bag set.

6.5.1.3 The contractor shall prepare and store bags for use in image capture in support of 6.5.3. This bag set must remain separate from the training image capture bag set.

6.5.1.4 The contractor shall make the following considerations:

6.5.1.4.1 If a bag has been prepared and images have been captured for the legacy equipment, then the contractor should store for future use in emerging platforms.

6.5.1.4.2 If a bag has been prepared but images have not been captured, then the contractor should capture the images on the legacy equipment, then store for future use in emerging platforms.

6.5.1.4.3 If images have been captured on the legacy equipment, and the bag has been disassembled, the contractor should reassemble the bag, then store for future use or demonstrate the ability to reliably reproduce the bag for use in emerging platforms.

6.5.1.4.4 Upon completion of the above, the contractor should prepare and store any additional bags required in order to meet the quantities specified in 6.5.1.2 and 6.5.1.3.

6.5.1.6 Stored bags may be temporarily disassembled for use in other projects, but must be reassembled prior to returning them to storage.

6.5.1.7 Bags shall approximate the following: clear; suspect; obvious. ~~(b)(3) 49 U.S.C. § 114(r)~~

6.5.1.8 If the contractor is unable to store the quantities requested in 5.5.1.2 and 5.5.1.3, then the contractor shall show how many bags may be stored, and propose a viable alternative to ensure that the remaining images meet the needs of TSA in terms of image comparability.

6.5.2 EDS Training Image Capture Requirements

6.5.2.1 The contractor shall capture 420 EDS training images.

6.5.2.1.1 The contractor will provide Curriculum Developers with 150 images for use in developing training materials. These images should be delivered in human readable (i.e. .jpg or similar image format).

6.5.2.1.2 One 10-image demo session

6.5.2.1.3 One 40-image training session

6.5.2.1.4 Six 20-image training sessions

6.5.2.1.5 One hundred spare images

~~(b)(3) 49 U.S.C. § 114(r)~~ 6.5.2.2 Images shall be as follows: clear; suspect; obvious. ~~(b)(3) 49 U.S.C. § 114(r)~~

6.5.2.3 The contractor shall create the sessions to be used via the OEM simulator, or other appropriate platform. The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.5.2.4 All bag images shall be accompanied with Combined Alarm Image (CAI) files. CAIs contain a photo of the bag alarm object, ancillary alarms and contents, along with a screen capture. A fully documented CAI includes the energy files and screen shots from all EDS platforms supported. The combined alarm object (AOs plus clutter) must consistently alarm on all machines.

6.5.2.5 Threat images shall be accompanied with Alarm (Object) Information Files (AIFs). An AIF is a human readable .JPG that has the x-ray image from the EDS machine with callouts of the items that make up the alarm object. Also in the file is a picture of alarm object and the decision that makes the alarm object clear, suspect or obvious.

6.5.3 EDS Assessment Image Capture Requirements

6.5.3.1 The contractor shall capture 200 EDS assessment images to use for OQTs.

6.5.3.1.1 The contractor shall develop three (3) OQT assessments consisting of 50 images each. TSA will provide the contractor with the final list of images to be included in each OQT.

6.5.3.1.2 Each OQT will consist of clear images alarm images, and obvious threats. (b)(3) 49 U.S.C. § 114(f)

(b)(3) 49 U.S.C. § 114(f) 6.5.3.2 Images shall be as follows: clear; suspect; obvious. (b)(3) 49 U.S.C. § 114(f)

6.5.3.3 The contractor shall create the sessions to be used via the OEM simulator, or other appropriate platform. The contractor shall work with TSA to devise the best possible platform for delivery of images that are not currently supported by a simulator.

6.5.3.4 All bag images shall be accompanied with Combined Alarm Image (CAI) files. CAIs contain a photo of the bag alarm object, ancillary alarms and contents, along with a screen capture. A fully documented CAI includes the energy files and screen shots from all EDS platforms supported. The combined alarm object (AOs plus clutter) must consistently alarm on all machines.

6.5.3.5 Threat images shall be accompanied with Alarm (Object) Information Files (AIFs). An AIF is a human readable .JPG that has the x-ray image from the EDS machine with callouts of the items that make up the alarm object. Also in the file is a picture of alarm object and the decision that makes the alarm object clear, suspect or obvious.

6.5.3.6 EDS Assessment Software/Hardware Requirements – OEM Simulator

6.5.3.6.1 The contractor shall design, develop and implement software to capture assessment results on the OEM simulator and deliver the resulting data to a TSA approved repository (currently OLC). TSA will provide the contractor with a direct post method to the OLC or alternative storage site that currently accepts a direct post of data. The software development activity for this effort will be performed under CLIN 0018 (T&M) as the software to be integrated does not exist today.

6.5.3.6.2 The contractor shall maintain under configuration control, master hard drives (one master and one backup) that can be replicated and installed on necessary simulator hardware. All simulator hardware will be Government Furnished Equipment (GFE).

6.5.3.7 EDS Technical Support Requirements

6.5.3.7.1 The contractor shall provide technical support to OTT for OEM Simulator in the setup and delivery of assessments.

6.5.3.7.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.5.3.7.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

6.5.4 EDS OSARP Mastery Assessment (OMA) Image Capture Requirements

6.5.4.1 The contractor shall prepare and capture 150 EDS assessment images to use for OMAs.

6.5.4.1.1 The contractor shall capture the images across all four legacy platforms, and deliver 150 images (.JPG or .PNG format) per platform.

6.5.4.1.2 The bag and threat requirements for each image set will be provided by TSA OHC and mutually agreed to prior to the start of image capture.

6.5.4.2 The contractor should store the bags in case images must be captured later to support emerging EDS platforms under 6.6. If the contractor is unable to store the bags, then the contractor shall demonstrate the ability to reliably reproduce the bag for use in emerging platforms. Upon completion of the Period of Performance for Task Order 18, these bags will no longer need to be stored.

6.6 Explosives Detection Systems (EDS) Requirements (T&M CLIN 0012)

6.5.1 The contractor shall support for the following emerging platforms:

6.5. 1.1 L3 6600 & 6600 ES

6.5. 1.2 Analogic XLB & SX

6.5. 1.3 MDI 5800, 9400, 9800 & 9800e

6.5. 1.4 Reveal DR +

6.5.2 The support for the platforms listed in 6.5.1 shall be required only when the images files that have previously captured for legacy equipment cannot be used to support the new technologies.

6.5.3 The contractor shall use the same bags 0074 that have been used and stored for previously captured EDS images under 6.5.

6.7 Assessment Image Pilot Requirements (T&M CLIN 0013)

6.7.1 The following platforms may require image assessment pilots:

6.7.1.1 Auto-EDS Machine Types

6.7.1.1.1 Analogic Cobra (CB format only)

6.7.1.1.2 Reveal Fusion (Both CB and CP format)

6.7.1.2 EDS Machine Types (Emerging)

6.7.1.2.1 L3 6600 & 6600 ES

6.7.1.2.2 Analogic XLB & SX

6.7.1.2.3 MDI 5800, 9400, 9800 & 9800e

6.7.1.2.4 Reveal DR +

6.7.2 The assessment image pilots will consist of either:

6.7.2.1 IIT/IMT/IMA (750 Images): Only for Reveal Fusion Check Point (CP) (**OPTION A CLIN 0010 FFP**)

6.7.2.2 OQT (200 Images): All other platforms listed in 6.7.1.

6.7.2.3 Whenever possible, multiple platforms will be piloted simultaneously in order to reduce costs through synergy savings.

6.7.2.4 Due to the currently unknown and undefined requirements, and the potential for synergy savings, the image assessment pilots will be priced under a Time & Materials (T&M) CLIN. Once the requirements are known, the contractor shall provide an estimate for each pilot.

6.7.3 General Assessment Image Pilot Requirements

6.7.3.1 The contractor shall develop a pilot design document to achieve the pilot objectives for TSA approval. The contractor shall price a pilot model consistent with past pilots assuming the ability to place resources where necessary, and when to achieve the desired results within the fixed price labor proposed.

6.7.3.2 The contractor shall develop and pilot the assessments using an OEM simulator, or other suitable platform. Pilot design for this activity will be in collaboration with OTT, OHC and S&T experts.

6.7.3.3 The contractor shall assist TSA in defining image requirements to support pilot of the assessment images.

6.7.3.4 The contractor shall provide the necessary software setup, hardware and logistics to support the pilots and the retrieval of results. The contractor shall utilize existing GFE in Task Order 18 and Task Order 15 inventory (e.g., OEM simulators) for use on the pilot when feasible. The contractor shall configure laptops, ship to airports, return to crystal city for data cleaning, and then return to the TSC.

6.7.3.5 The contractor shall design and develop necessary reports for TSA to review pilot findings in order to determine images for use in assessments. TSA will approve the report design prior to running the reports and no further report runs will be necessary.

6.7.3.5 TSA will provide the number and type of “pilot users” for each image test or assessment. TSA will provide the Test Demographic report as provided in previous pilot in support of pilot design one week prior to the pilot design meeting.

6.7.3.6 TSA will designate one central location for administering the image assessment pilots, if possible. If this is not possible, then the image assessment pilot will take place at field airports, with the following considerations:

6.7.3.6.1 TSA will approve the pilot design while vetting the airports to participate and confirming the final list of airports and quantity and type of users for each airport that will be participating in the pilot. After airports have been identified, the contractor shall coordinate with the TSA airport POC to notify the airport of their assigned pilot testing dates.

6.7.3.6.2 TSA OHC will verify with the airport that the number and type of pilot users are available to test at selected airports.

6.7.3.7 The contractor shall be prepared to pilot the image tests within 12 business days from receipt of all of the following: approved tests, participating airports, and pilot users. The contractor shall develop mutually agreed to fully integrated schedule which shall govern all due dates throughout the pilot.

6.7.3.8 The contractor shall score each test based on TSA supplied equations. Tests shall be correctly scored, defect free, and of good quality.

6.7.3.9 The contractor shall analyze pilot results and conduct a post pilot debriefing with report that details the results of the pilot. This report will include only data relevant to pilot goals and objectives and not include any test design materials.

6.7.3.10 The contractor shall determine the number of weeks required for proctor training and pilot preparation.

6.7.3.11 The contractor shall provide image assessment support to include:

6.7.3.11.1 Scheduling, administering (proctor) and analyzing pilot test results.

6.7.3.11.2 Technical expertise support during image review, development and test creation.

6.7.3.11.3 Pilot test support to include test administration, test equipment, test media, and reporting results for analysis.

6.7.3.11.4 Subject Matter Expert (SME) Image and equipment expertise in addition to analytical support of test results and data.

6.7.4 Assessment Image Pilot Software/Hardware Requirements – OEM Simulator

6.7.4.1 The contractor shall design, develop and implement software to capture assessment results on the OEM simulator and deliver the resulting data to a TSA approved repository (currently OLC). TSA will provide the contractor with a direct post method to the OLC or alternative storage site that currently accepts a direct post of data. The software development activity for this effort will be performed under CLIN 0018 (T&M) as the software to be integrated does not exist today.

6.7.4.2 The contractor shall maintain under configuration control, master hard drives (one master and one backup) that can be replicated and installed on necessary simulator hardware. All simulator hardware will be Government Furnished Equipment (GFE).

6.7.4.3 Technical Support Requirements

6.7.4.3.1 The contractor shall provide technical support to OTT for OEM Simulator in the setup and delivery of assessments.

6.7.4.3.2 The contractor shall track and report on Help Desk activity using already established tracking procedures.

6.7.4.3.3 The contractor shall assist with OHC and its Contractors to ensure assessment results are recorded properly into PASS Online.

6.8 Task C Deliverables

Deliverable #	Item	Due Date	Deliverable Recipient	Government Review
1 (6.3.1.2)	TRX/AT – 10 Monthly CDs	First volume 60 days after award, monthly thereafter	Task C Technical Monitor	10 Business Days
2 (6.3.1.4)	TRX/AT – TRX Sim Training Library (1000 Clear Bags/300 FTIs)	FY13, Q2 (Jan- Mar 2013)	Task C Technical Monitor	10 Business Days

Deliverable #	Item	Due Date	Deliverable Recipient	Government Review
3 (6.3.2.3)	TRX/AT FY2013 Test Distribution	August 27, 2012	Task C Technical Monitor	15 Business Days
4 (6.4.1.1.1.1)	A-EDS (CB) Cobra Training Images	February 28, 2012	Task C Technical Monitor	15 Business Days
5 (6.4.1.1.5)	A-EDS (CB) Cobra OQTs	March 28, 2012	Task C Technical Monitor	15 Business Days
6 (6.4.1.2.1.1)	A-EDS (CB) Fusion Training Images	February 28, 2012	Task C Technical Monitor	15 Business Days
7 (6.4.1.2.5)	A-EDS (CB) Fusion OQTs	March 28, 2012	Task C Technical Monitor	15 Business Days
8 (6.4.2.1.2.1)	A-EDS (CP) Cobra IMAs	March 16, 2012	Task C Technical Monitor	5 Business Days
9 (6.4.2.2.1.1)	A-EDS (CP) Fusion Training Images	February 28, 2012	Task C Technical Monitor	15 Business Days
10 (6.4.2.2.5)	A-EDS (CP) Fusion IIT/IMT/IMAs	August 27, 2012	Task C Technical Monitor	15 Business Days
11 (6.5.2.1.1)	EDS Training Images	As mutually agreed to during kickoff meeting	Task C Technical Monitor	15 Business Days
12 (6.5.3.4)	EDS Assessment OQTs	As mutually agreed to during kickoff meeting	Task C Technical Monitor	15 Business Days
13 (6.5.4.1)	EDS OMA Images	June 1, 2012	Task C Technical Monitor	15 Business Days

6.7 Inspection and Acceptance Criteria

See Section 4.2

7. Task D - Image Simulator Support

7.1 TRX Simulator Family (CLIN 0014 FFP)

The Contractor shall maintain existing learning technology products (e.g., TIP Ready X-ray (TRX) Simulator, Test Development Utility (TDU) and Test Results Manager (TRM)).

7.2 Data Management/Change Management (CLIN 0014FFP)

7.2.1 The Contractor shall use a formal change management process.

7.2.2 The Contractor shall make available documentation of the change management process to TSA upon request of the Technical Monitor (TM).

7.2.3 The contractor shall maintain the existing Data Management Plan (DMP) that specifically outlines all data interface requirements. The contractor shall not be required to provide Proprietary System Database Design documentation. TSA will submit the DMP to Office Information Technology (OIT) Enterprise Data Management (EDM).

7.2.4 All images and data within the database are property of TSA.

7.3 Requirements Recommendations/Development (CLIN 0014 FFP)

7.3.1 The Contractor shall support collaboration with multiple developers and Original Equipment Manufacturers (OEMs) and recommend changes based upon communications with various stakeholders; recommendations received from help desk support activity; and recommendations based on anticipated training or equipment changes.

7.3.2 The Contractor shall deliver an updated functional requirements document via a Change Request Form (CRF) for all simulator software development, including but not limited to major version upgrades, minor releases, bug fixes, and OEM software modifications.

7.3.3 A traceability matrix shall be developed linking each functional requirement to the associated test cases/steps.

7.3.4 The Contractor shall analyze the requirements to determine if any cost savings can be achieved by leveraging common area development techniques.

7.3.5 The Contractor shall participate in any TSA Integrated Product Team (IPT), as required, to support the development of requirements.

7.3.6 The Contractor shall provide technical expertise for requirements development, requirements analysis, change management evaluation, design, maintenance and update of training simulators for TSA approved Security Equipment in order to meet TSA training and testing needs.

7.3.7 The Contractor shall maintain requirements repository with all proposed requirements.

7.3.8. The Contractor shall work in close partnership with TSA to develop requirements for fully or partially integrated solutions to ensure stand-alone systems have capability to communicate with existing critical TSA sites such as Pass On-Line.

7.3.9 Any interface requirements for TRX Simulator to PASS Online, OLC and other TSA systems as outlined in the SOW will be developed under the guidance of TSA OTT with input from OIT; and with technical representation from each of these other system groups.

7.4 Training Laptop Configuration Management (CLIN 0014 FFP)

The Contractor shall maintain training laptop image ensuring the images contain the latest TRX Simulator software, training sessions, images, assessments, curriculum and updates.

7.5 Software Upgrades (CLIN 0014 FFP)

7.5.1 The Contractor shall provide or support development of the following for TSA simulation software:

7.5.1.1 TRX SIM Software Management – One (1) Major Version Upgrade

7.5.1.2 TRX SIM Software Management – One (1) Minor Service Release Upgrade (client/server).

7.5.1.3 TRX SIM Software Management – One (1) parallel proof-of-concept pilot system in support of distributed training model (client-server/virtual desktop) effort. Deliverables shall consist of Microsoft Installer (MSI) packages not to exceed three (3) in number.

7.5.1.4 TRX SIM Session Development – Two (2) TRX/AT custom sessions per month (Fifty [50] bag max, one [1] weapons session, one [1] IED session) to be delivered packaged for Altiris delivery on a quarterly basis.

7.5.1.5 TRX SIM Software Deliverables – Two (2) Software Upgrades and four (4) Additional Software updates packaged for Altiris delivery.

7.5.1.6 TRX SIM Documentation – Three (3) On-Line User Guide Upgrades, three (3) Software Upgrade Announcements

7.5.2 The contractor shall be required to make necessary modification to TRX system interfaces as required, within a mutually agreed to time frame between the contractor, TSA OTT and TSA, to comply with changes to PASS Online, OLC, and other TSA systems. These modifications may be required within a short time frame to address data security issues (e.g., OLC replacing use of individual SSNs) .

7.6. Software Testing (CLIN 0014 FFP)

7.6.1 The Contractor shall follow industry best practices for software testing for all software development.

7.6.2 The Contractor shall deliver a Test Plan for each software release. The scope of testing shall be defined in the Test Plan. The Test Plan shall be delivered with 10 Business Days after acceptance of the baseline functional requirements for the release. .

7.6.3 The Contractor shall provide support for independent testing efforts as requested during software development efforts.

7.6.4 The Contractor shall provide documentation of test results.

7.6.5 Any changes to TRX system interfaces with PASS Online, OLC, and other TSA systems shall be tested and approved with those systems prior to implementation.

7.7 Configuration Management/ Emerging Technologies Support

7.7.1 The Contractor shall provide the following for OEM simulation software and/or hardware (CLIN 0014 FFP):

7.7.1.1 The Contractor shall support Configuration Management of Simulator Systems (e.g. TRX SIM, contract laptops, EDS SIMs, AIT Sims) and their respective Image Libraries.

7.7.1.2 Technical personnel shall work within TSA to analyze new Security Technologies as they are developed to determine impacts on training delivery tools (simulators) and/or procedures.

7.7.1.3 The technology team shall function as liaison under the purview of the TM with Curriculum development, logistics, and training delivery within the Contractor team.

7.7.2 The Contractor shall provide the following for OEM simulation software and/or hardware (CLIN 0015T&M):

7.7.2.1 OEM SIM Maintenance Management (This includes EDS and new Emerging Technology equipment.), including but not limited to troubleshooting of all OEM SIM issues, software engineering as required to support TSA mission needs, and replacement of defective hardware.

7.8 The contractor shall comply with all security and privacy requirements as detailed within the base contract HSTS01-09-D-OSO900 and Section I- Contract Clauses Terms and Conditions of this Task Order.

7.9. Task D Section 508 Compliance Determination

7.9.1 Accessibility Requirements (Section 508)

7.9.1.1 Section 508 of the Rehabilitation Act, as amended by the Workforce Investment Act of 1998 (P.L. 105-220) requires that when Federal agencies develop, procure, maintain, or use electronic and information technology (EIT), they must ensure that it is accessible to people with disabilities. Federal employees and members of the public who have disabilities must have equal access to and use of information and data that is comparable to that enjoyed by non-disabled Federal employees and members of the public.

7.9.1.2 All EIT deliverables within this work statement shall comply with the applicable technical and functional performance criteria of Section 508 unless exempt. Specifically, the following applicable EIT accessibility standards have been identified:

7.9.2 Section 508 Applicable EIT Accessibility Standards

7.9.2.1 36 CFR 1194.21 Software Applications and Operating Systems, applies to all EIT software applications and operating systems procured or developed under this work statement including but not limited to GOTS and COTS software. In addition, this standard is to be applied to Web-based applications when needed to fulfill the functional performance criteria. This standard also applies to some Web based applications as described within 36 CFR 1194.22.

7.9.2.2 36 CFR 1194.22 Web-based Intranet and Internet Information and Applications, applies to all Web-based deliverables, including documentation and reports procured or

developed under this work statement. When any Web application uses a dynamic (non-static) interface, embeds custom user control(s), embeds video or multimedia, uses proprietary or technical approaches such as, but not limited to, Flash or Asynchronous Javascript and XML (AJAX) then 1194.21 Software standards also apply to fulfill functional performance criteria.

7.9.2.3 36 CFR 1194.24 Video and Multimedia Products, applies to all video and multimedia products that are procured or developed under this work statement. Any video or multimedia presentation shall also comply with the software standards (1194.21) when the presentation is through the use of a Web or Software application interface having user controls available.

7.9.2.4 36 CFR 1194.25 Self Contained, Closed Products, applies to all EIT products such as printers, copiers, fax machines, kiosks, etc. that are procured or developed under this work statement.

7.9.2.5 36 CFR 1194.26 Desktop and Portable Computers, applies to all desktop and portable computers, including but not limited to laptops and personal data assistants (PDA) that are procured or developed under this work statement.

7.9.2.6 36 CFR 1194.31 Functional Performance Criteria, applies to all EIT deliverables regardless of delivery method. All EIT deliverable shall use technical standards, regardless of technology, to fulfill the functional performance criteria.

7.9.2.7 36 CFR 1194.41 Information Documentation and Support, applies to all documents, reports, as well as help and support services. To ensure that documents and reports fulfill the required 1194.31 Functional Performance Criteria, they shall comply with the technical standard associated with Web-based Intranet and Internet Information and Applications at a minimum. In addition, any help or support provided in this work statement that offer telephone support, such as, but not limited to, a help desk shall have the ability to transmit and receive messages using TTY.

7.9.3 Section 508 Applicable Exceptions

7.9.3.1 Exceptions for this work statement have been determined by DHS and only the exceptions described herein may be applied. Any request for additional exceptions shall be sent to the COTR and determination will be made in accordance with DHS MD 4010.2. DHS has identified the following exceptions that may apply: 36 CFR 1194.3(b) Incidental to Contract, all EIT that is exclusively owned and used by the contractor to fulfill this work statement does not require compliance with Section 508. This exception does not apply to any EIT deliverable, service or item that will be used by any Federal employee(s) or member(s) of the public. This exception only applies to those contractors assigned to fulfill the obligations of this work statement and for the purposes of this requirement, are not considered members of the public.

7.9.3.2 DHS has reviewed this acquisition request and has determined that a Fundamental Alteration exception for the purposes of Section 508 applies and is thereby authorized. Fundamental Alteration Exception #4108 has been attached and included in the contract file.

7.9.4. Section 508 Compliance Requirements

36 CFR 1194.2(b) (COTS/GOTS products), When procuring a product, each agency shall procure products which comply with the provisions in this part when such products are available in the commercial marketplace or when such products are developed in response to a Government solicitation. Agencies cannot claim a product as a whole is not commercially available because no product in the marketplace meets all the standards. If products are commercially available that meet some but not all of the standards, the agency must procure the product that best meets the standards. When applying this standard, all procurements of EIT shall have documentation of market research that identify a list of products or services that first meet the agency business needs, and from that list of products or services, an analysis that the selected product met more of the accessibility requirements than the non-selected products as required by FAR 39.2. Any selection of a product or service that meets less accessibility standards due to a significant difficulty or expense shall only be permitted under an undue burden claim and requires authorization from the DHS Office of Accessible Systems and Technology (OAST) in accordance with DHS MD 4010.2.

7.10 Enterprise Architecture

7.10.1 All solutions and services shall meet DHS Enterprise Architecture policies, standards, and procedures. Specifically, the contractor shall comply with the following Homeland Security Enterprise Architecture (HLS EA) requirements:

NOTE: Reference for HLS EA:

<http://dhsconnect.dhs.gov/org/comp/mgmt/cio/oat/Documents/EAPMO/HLS%20EA%202010/index.htm>

7.10.1.1 All developed solutions and requirements shall be compliant with the HLS EA.

7.10.1.2 All IT hardware and/or software shall be compliant with the DHS EA Technical Reference Model (TRM) Standards and Products Profile.

7.10.1.3 Description information for all data assets, information exchanges and data standards, whether adopted or developed, shall be submitted to the Enterprise Data Management Office (EDMO) for review and insertion into the DHS Data Reference Model and Enterprise Architecture Information Repository.

7.10.1.4 In compliance with OMB mandates, all network hardware shall be IPv6 compatible without modification, upgrade, or replacement."

7.11 Task D Deliverables

#	Deliverable	Due Date	Deliverable Recipient	Government Review
1	Major Version Upgrade	FY2012 Q3 6/29/2012	Task Order TM	30 Business Days
2	Proof-of-Concept release	As agreed upon by TSA and Contractor	Task Order TM	30 Business Days
3	Minor Service Release	FY 2012 Q4	Task Order TM	20 Business Days
4	TRX Sim Documentation	As agreed upon by TSA and Contractor	Task Order TM	10 Business Days
5a, 5b, 5c etc.	Four wrapped Altiris releases outside major or minor releases	As needed	Task Order TM	10 Business Days
6	Quarterly TRX Simulator Session Set (1 IED & 1 General Session per month) packaged for Altiris Delivery	60 Days prior to the beginning of each Quarter	Task Order TM	10 Business Days
7	Update to existing TRX Simulator Functional Requirements Document (for each release)	As agreed upon by TSA and Contractor	Task Order TM	10 Business Days
8	Update to existing Requirements Traceability Matrix (for each release)	As agreed upon by TSA and Contractor	Task Order TM	10 Business Days
9	Test Plan (for each software release)	As agreed upon by TSA and Contractor	Task Order TM	10 Business Days
10	Test Results (for each Test Plan)	As agreed upon by TSA and Contractor	Task Order TM	10 Business Days

7.12 Inspection and Acceptance Criteria

See Section 4.2

8. Task E Threat Kit Program

8.1. TSA continually increases the overall quality of training to improve transportation security performance; OTT provides threat training kits and training aids that help to identify prohibited items, explosives, and other dangerous articles. The Office of Security Capabilities (OSC) uses threat tool kits at airports for all facets of checkpoint and checked baggage training. Additional users include the Aviation Screening Assessment Program (ASAP), the Office of Inspection (OI) covert testing program, the Transportation Security Specialist Explosives (TSS-E) program to identify vulnerabilities in transportation security systems. The Office of Human Capital (OHC) Practical Skills Evaluation (PSE)

kits to access TSA PASS performance and the Office of Science and Technology (OST) by supporting the WTMD calibration test pieces. In support of this effort, the contractor shall:

- 8.1.1 Update existing threat kits that help security officers to identify prohibited items, explosives, and other dangerous articles.
- 8.1.2 Prototype, develop and acquire threat devices and threat items.
- 8.1.3 Develop threat items.
- 8.1.4 Develop threat training aids.
- 8.1.5 Develop training manuals for kit usage and other appropriate documentation,
- 8.1.6 Prototype, develop, manufacture, and deliver training and testing kits and training aids.
- 8.1.7 Maintain all training kits and training aids.
- 8.1.8 Maintain and ship WTMD calibration test pieces in accordance Bureau of Alcohol, Tobacco and Firearms (ATF) rules and regulations.

8.2. Threat Kit Program Support (CLIN 0016 FFP)

8.2.1. The contractor shall provide configuration management, property management, and part number management for all phases of the manufacture and maintenance of the training kits/aids as listed as Task Order GFE/GFP in Base Contract HSTS01-09-D-OSO900. Included with the kits/aid will be a printed document and CD containing instructions on how to use; and protocols for usage, security and control. Attachments B through Q contain Kit description, components and contents for each of the following kits:

- 8.2.1.1. Modular Bomb Set (MBS) 2 (Attachment B)
- 8.2.1.2. MBS 2A (Attachment C)
- 8.2.1.3. Improvised Explosive Device (IED) Baseline Training Kit A (Attachment D)
- 8.2.1.4. Liquid Explosives Training Kit (Attachment E)
- 8.2.1.5. Technical Support Working Group (TSWG) Explosives Training Kit (Attachment F)
- 8.2.1.6. IED Component Display Board (Attachment G)
- 8.2.1.7. Weapons Training Kit (Attachment H)
- 8.2.1.8. Thumbprint Quality Control (TQC) (Attachment I)
- 8.2.1.9. IED Accessory Kit (Attachment J)
- 8.2.1.10. Bottle Liquid Scanner (BLS) Training Kit (Attachment K)
- 8.2.1.11. Practical Skills Evaluation (PSE) Kit (Attachment L)
- 8.2.1.12. Walk Thru Metal Detector (WTMD) Calibration Test Pieces (Three Gun Kit) (Attachment M)
- 8.2.1.13. Generic IED Training Kit (Attachment N)
- 8.2.1.14. Generic Weapons Training Kit (Attachment O)
- 8.2.1.15 PSE Wheelchair Kit (Attachment P)
- 8.2.1.16 NHTP Prop Kits (Attachment Q)
- 8.2.1.17 AIT Training Kits (Attachment R)

8.2.2. The contractor shall provide maintenance on the following:

Kits requiring maintenance	Count**
MBS II	(b)(4)
MBS IIA	
IED Baseline Training Kit A	
Weapons Training Kit	
Liquid Explosives Training Kit	
TSWG Explosives Training Kit	
IED Component Display Board	
TQC	
E-WTMD Test Pieces:	
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; padding: 2px;">DA)</div> </div>	
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 50px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; padding: 2px;">(BR)</div> </div>	
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 100px; height: 20px; margin-right: 5px;"></div> <div style="border: 1px solid black; width: 150px; height: 20px; margin-right: 5px; text-align: center;">(b)(3):49 U.S.C. § 114(r)</div> <div style="border: 1px solid black; padding: 2px;">(NAA)</div> </div>	
PSE Evaluator Kits	
BLS	
PSE Wheelchair Kits	
NHTP Prop Kit	
AIT Training Kits	

(b)(3):49 U.S.C. § 114(r)

NOTE:

** Count as of October 31, 2011. Contractor shall provide updated count in the Technical Approach.

*** This SOW adds an additional (b)(4) AIT Training Kits and 160 NHTP Prop Kits.

8.2.3 The contractor shall perform acquisition, development and maintenance of threat and non-threat items.

8.2.4 The contractor shall provide failure analysis and parts life cycle analysis to increase the useful lifespan of kit parts.

8.2.5 The contractor shall manufacture chemically based explosive simulants to exact laboratory standards. The contractor shall submit chemically based simulants to the Transportation Security Laboratory (TSL) for review and approvals by batch produced and then track that batch for field level shelf life and performance. The Government will provide batch approval within 10 business days from contractor submission.

8.2.6 The contractor shall be required to provide research and development services for explosive simulants. In support of this effort, the contractor shall:

8.2.6.1. Conduct exploratory research to produce new knowledge and potential products; conceive, organize, promote, and execute ideas and plans to increase chemistry's role in and contribution to the discovery and chemical approaches to meet exploratory objectives in product discovery.

8.2.6.2. Provide Analysis with recommendations for a technically and economically sound basis for developing and evaluating new or improved products, synthetic methods, processes, and analytical and physical testing techniques.

8.2.7. The contractor shall provide explosives and threat development experts (i.e., Explosive Ordinance Disposal (EOD) technicians) and well versed threat / alarm object designers for creation of Improvised Explosive Devices (IEDs) in support of kit development and maintenance.

8.2.7.1. EOD technicians shall serve as principal technical contacts and subject matter experts for explosives, explosive material handling, IED design disarmament and concealment. EOD technicians shall be required to design, create, and handle IEDs and explosive materials in actual and simulated form; as well as design and catalog threat and bag items for systems scan and capture.

8.2.7.2 EOD technicians shall be Certified and a graduate of either the Naval School EOD or FBI Sponsored Hazardous Devices School.

8.2.7.3. Threat Designers shall create threat and alarm items to be captured in imaging equipment to include Improvised Explosive Devices (IED), Weapons of Mass Destruction (WMD), false alarm objects, guns, knives, and other items prohibited on passenger aircraft. Designers shall design, create, and handle IEDs, explosive materials, guns, knives, hazardous materials, and other prohibited or threat items in actual and simulated form.

8.2.7.4 Threat Designers shall design and catalog threats, false alarms, common items, and bag items for systems scan and capture.

8.2.7.5 Threat Designers shall create true to form, functionally correct and functionally incorrect threat devices dependent upon TSA requirements.

8.2.7.6 Threat designers shall be BS or Certified and a graduate of either the Naval School EOD or FBI Sponsored Hazardous Devices School; or a graduate of military CBRN or city police sponsored schools/programs (4 years experience shall substitute for BS).

8.2.7.7 Threat Designers shall be experienced with x-ray, EDS, ETD, WTMD, AIT or other trace or imaging Transportation Security Equipment (TSE).

8.2.8. The contractor shall maintain and update the illustrated parts breakdown; and develop animated drawings of IED construction for the program. This activity shall require the contractor to:

8.2.8.1. Plan, layout, draw, and revise part, assembly, and installation engineering drawings from basic layouts, established references, notes and discussions with engineers, and standard data.

8.2.8.2. Utilize computer-aided design equipment and or manual tools.

8.2.8.3. Complete layout drawings prepared by others in accordance with standard engineering drafting practices; or develop complete major layouts of engineering drawings.

8.2.8.4. Prepare specifications for parts, assemblies, and installations.

8.2.8.5. Prepare complete production detail drawings.

8.2.8.6. Contribute design modifications to improve quality of product or facilitate manufacturing operations.

8.2.8.7. Develop 3D model for manufacturing data sheet, photographs, and physical equipment supplied.

8.2.9 The contractor shall procure or manufacture all required explosive and detonator simulants, IED device components, guns, knives, other threat and prohibitive articles, luggage (if required to support rapid response training aid), normal passenger clutter for the luggage (if required to support rapid response training aid), additional equipment/software and facility/support services that are required to meet requirements within the Statement of Work In the event that an approved simulant is not available for a particular explosive, the contractor shall exert its best effort to produce or acquire a substance that shall faithfully appear as that item and alarm on the detection technology. Such items shall be x-rayed and human readable images provided to TSA for final approval. The contractor shall work with the TSL to obtain similar images of the actual substance being simulated to ensure an effective review is performed.

8.2.10 The contractor shall catalog and photograph the relevant characteristics of each threat and non threat item such as weight and type of explosive (b)(3):49 U.S.C. § 114(r)

(b)(3):49 U.S.C. § 114(r)	power source type	(b)(3):49 U.S.C. § 114(r)
(b)(3):49 U.S.C. § 114(r)	container	(b)(3):49 U.S.C. § 114(r)
(b)(3):49 U.S.C. § 114(r)		

8.2.11. The contractor shall develop and deliver presentations (e.g. PowerPoint), training, and other materials, as well as the duplication, and distribution of these materials. TSA estimates two (2) presentations per month.

8.2.12 The contractor shall provide configuration management of all kits and training aids. The contractor shall provide a spreadsheet identifying each kit case by barcode and the part numbers or barcode of each item contained in that case upon kit development or delivery. The contractor shall provide this information to TSA Property Management for upload into the TSA property management system and insert a property transfer sheet into the case prior to shipping or via email after shipping with TSA approval.

8.2.12.1. Kit content items containing simulants and/or detonators shall be coded using TSA provided serial numbers and bar codes for the kit unit as well as individual component serial numbers. Kit component bar codes and serial numbers will be tied to the kit unit numbers in a parent/child relationship.

8.2.12.2. TSA part numbers shall be mapped to TSL part numbers, if necessary.

8.2.13. All changes to kit components require written TSA approval.

8.2.14 The contractor shall create/maintain kit usage training and documentation. The training and documentation shall describe the purpose of the kit, content description, and procedures for maintenance and repair; TSA guidance on kit usage or handling procedures; and Material Safety Data Sheets (MSDS) sheets approved by the TSA Office of Occupational Safety and Health. MSDS sheets will be provided by TSA and contained on the Manual CD. Each kit shall contain the following documents when shipped to user, unless otherwise specified in each Kit as described in Task E Attachments B through Q:

8.2.14.1 Operational Directive OD-400-50-1-11, October 19, 2009, Procedures for use and Control of the IED and Weapons Training Kits (printed and CD). NOTE: This document is SSI and TSA will provide under separate cover to contract Task Order Manager upon award.

8.2.14.2. Kit Operating Instruction Manual (print and CD)

8.2.14.3 Property Hand Receipts

8.2.14.4. Material Safety Data Sheets (MSDS) for simulants as required (CD)

8.2.15. The kits shall be provided in a lockable container (EXCEPTIONS; Kits 8.2.1.6; 8. 2.1.8 and 8.2.1.12) similar to the containers presently used by TSA. Three or Four-digit combination locks shall be included in each kit. The containers shall be marked on the outside large white letters "Property of TSA" unless otherwise directed.

8.2.16 A serial number sticker from the Sunflower inventory system shall be affixed to the outside of the container unless otherwise directed. All shipped cases shall contain a property transfer sheet and lock. All shipments and property transfer shall comply with TSA Management Directive No. 200.55 TSA Property in the Hands of a Contractor per Base Contract HSTS01-0-DOSO900.

8.2.17 The contractor shall provide maintenance support for threat identification kits and training aids, such as repair and replacement of parts.

8.2.17.1. The contractor shall provide website access to Training Managers and other approved system users to request replacement parts, maintenance actions, and/or additional kits.

8.2.17.2 The contractor shall track kit configuration and replacement requirements.

8.2.17.3. The contractor shall provide airports a return FedEx label for Kit replacements so the replaced/damaged kit can be returned to the contractor and retrofitted to the current configuration.

8.2.17.4. The contractor shall track mean time between failure and just in time sparing for those items as appropriate.

8.2.17.5 The contractor shall maintain full parts and component level inventories of kit and simulant parts items to the lowest level sub-component. Procurement of parts in support of kit maintenance shall be provided in a report on a monthly basis within Task A. Kit parts required for manufacture or suitable substitutes will require prior approval of the TSA Technical Monitor.

8.3 **OPTION A - NHTP Prop Kits (CLIN 0017 FFP)**

8.3.1 The contractor shall manufacturer 160 NHTP Prop Kits as described in Attachment Q.

8.3.2. The kit shall be packaged in a sturdy container to resist damage.

8.3.3 All requirements within Section 8. 2 apply, except for requirement 8.2.16.

8.3.4 The contractor shall NOT assign a Sunflower property sticker or Sunflower serial number to the kit or any components. This kit will NOT be entered into the Sunflower Asset Management System (SAMS).

8.3.5 The contractor shall provide the following documentation which shall be included with the kit:

8.3.5.1 Operations Manual that covers the purpose of the kit, description of the components and operating instructions.

8.3.5.2 Laminated Inventory Control Sheet

8.3.5.3 Property Hand Receipts

8.4 Upgrade TQC Kits (CLIN 0018 T&M and CLIN 0019 Option B FFP)

8.4.1 The contractor shall provide a prototype of the proposed upgrade to the TQC kit. (T&M **CLIN 0018 per Section 8.5.**)

8.4.2 The following specifications shall apply to both the prototype and the production kits:

8.4.2.1 A number of explosive simulants shall be developed that will cause a positive indication for all possible detection capabilities on the Explosive Trace Detection machines (ETD).

8.4.2.2 All simulants shall be produced in clay like consistency similar to the present TQC simulant.

8.4.2.3 All simulants shall have a minimum two (2) year shelf-life extendable in one year increments by a simple operational test.

8.4.2.4 Each simulant in the kit shall be packaged in a plastic container to hold approximately two (2) ounces of material.

8.4.2.5 Each container shall be marked with the date of manufacturer and expiration date.

8.4.3 Upon TSA approval of prototype, the contractor shall manufacturer 1000 kits. **(OPTION B CLIN 0019 FFP)**

8.4.3.1. All requirements within Section 8. 2 apply, except for requirement 8.2.16.

8.4.3.2. The kit shall be packaged in a sturdy container to resist damage and inadvertent cross contamination between simulants or the contamination of other surfaces or items.

8.4.3.3 The contractor shall provide a training video covering the use, precautions, storage, decontamination and shelf-life extension procedures. The video shall be Security Sensitive Information.

8.4.3.4 The contractor shall provide the following documentation which shall be included with the kit:

8.4.3.4.1 TQC Operations Manual that covers the purpose of the kit, description of the components, operating instructions, contamination control and decontamination procedures.

8.4.3.4.2 Material Safety Data Sheet (MSDS) for the TQC material

8.4.3.4.3 Property Hand Receipts

8.5. Threat Prototyping (CLIN 0018 T&M)

8.5.1 The contractor shall be required to provide prototypes of threat and non threat items. (TSA estimates five (5) per Period of Performance.) **EXCEPTION: IED Accessory Kit prototyping activity will be conducted under FFP CLIN 0016 in 8.6 requirement.**

8.5.2 Prototype threat and non threat items shall be submitted to the TSA program manager for review and approval before field distribution.

8.5.3 If any items are rejected, the contractor shall perform follow-up work to develop replacement images that conform to the general specifications of the rejected item(s), correcting any identified deficiencies in the process.

8.6. IED Accessory Kit Program (FFP CLIN 0016)

8.6.1 .The contractor shall support the Transportation Security Specialist – Explosives (TSS-E), formally Bomb Appraisal Officer (BAO), program for local fabrications of IED Accessory Training Kits that contain new explosive simulants, IEDs and IED components to augment the existing IED training kits that are used for TSO training.

8.6.2 The contractor shall provide each member of the IED design group with an LM VPN account and GFE laptop and air card to support remote design activities using the LM network not to exceed a total of one (1) for TSA HQ and five (5) sets for field use.

8.6.3. The contractor shall be required to design and prototype a new IED accessory kit every quarter; for a total of four (4) designs per year.

8.6.4 In addition to 5.3 above, the contractor shall supply, on an annual basis, the TSS-Es at the hubs (approximately 130 airports) with explosive simulants and IED components to preposition airport on site stock to support IED Accessory Kit construction.

8.6.5. The contractor shall participate as an active member of the TSA IED Accessory Kit Design Team for the design and fabrication of accessory kits.

8.6.6. The contractor shall provide to TSA for approval, a list of IED components and related materials to be shipped to the TSS-Es at the hub airports, approximately 130 airports, as an annual shipment to augment existing supplies in support of the IED Accessory Kit program. Upon TSA approval, the contractor shall procure/manufacture the agreed upon items and ship them to the TSS-Es at the hub airports.

8.6.7. The contractor shall conduct up to two (2) annual live rapid response exercises.

8.6.8 The contractor shall provide IED Accessory Kits for hub airports (not to exceed five (5) hubs) that do not have TSS-E support.

8.6.9 The contractor shall provide the TSS-Es at the hub airports, approximately 130 airports, with IED simulants and components to build approximately (b)(4) IED Accessory Kits quarterly.

8.6.10 The contractor shall support IED accessory kit rapid response activities within 72 hours when OTT determines an emerging threat warrants action. **NOTE: CLIN 005 T&M activity priced Under Task A.**

8.7 Advanced Imaging Technology (AIT) Training Kit (CLIN 0016 FFP)

8.7.1 The contractor shall provide (b)(4) AIT Training Kits, as described within Attachment R.

8.7.2 The AIT Kits shall be shipped to the airports.

8.7. Task E – Deliverables

#	Deliverable	Due Date	TSA Recipient	Government Review
1A 1B 1C etc...	Threat and non Threat Prototypes (T&M CLIN)	per Technical Direction from TSA	Task Order TM	10 business days
2	IED Accessory Kit Components shipped to TSS-E at Hubs	4/30/2012	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport

3	IED Accessory Kit Components shipped to TSS-E at Hubs	7/31/2012	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
4	IED Accessory Kit Components shipped to TSS-E at Hubs	10/31/2012	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
5	IED Accessory Kit Components shipped to TSS-E at Hubs	01/31/2013	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
6	Thumbprint Quality Control (TQC) Upgrade Prototype (T&M CLIN)	4/30/2012	Task Order TM	10 business days
7	Thumbprint Quality Control (TQC) Upgrade, Begin Field Distribution OPTION B	9/30/2012	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
8	(b)(3):49 U.S.C. § 114(r) End Field Distribution	4/30/2012	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
9	Spreadsheet with Kit Type and TSA Property Serial Number	As required to update Sunflower Inventory	TSA HQ Property Management Office (Sunflower) and Task Order TM	
10	Proposed list of IED Components and Related Materials for Annual Shipment to the Hub Airports	12/3/2012	Task Order TM	10 Business Days
11	450 AIT Training Kits	6/29/2012	Airport POC	2 business days after acceptance at Airport

12	160 NHTP Prop Kits begin shipping Option A	5/8/2011	OTT PM for NHTP	5 business days after receipt at location
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8.8. Inspection and Acceptance Criteria

See Section 4.2

8.9. Task E Applicable Documents

Attachment B - Modular Bomb Set (MBS) 2

Attachment C - MBS 2A

Attachment D - Improvised Explosive Device (IED) Baseline Training Kit A

Attachment E - Liquid Explosives Training Kit (

Attachment F - Technical Support Working Group (TSWG) Explosives Training Kit

Attachment G - IED Component Display Board

Attachment H - Weapons Training Kit

Attachment I - Thumbprint Quality Control (TQC)

Attachment J - IED Accessory Kit

Attachment K - Bottle Liquid Scanner (BLS) Training Kit

Attachment L - Practical Skills Evaluation (PSE) Training Kit

Attachment M - Walk Thru Metal Detector (WTMD) Calibration Test Pieces

(b)(3) 49 U.S.C. § 114(f)

Attachment N - Generic IED Training Kit

Attachment O - Generic Weapons Training Kit

Attachment P - PSE Wheelchair Kit

Attachment Q - NHTP Prop Kit

Attachment R - AIT Training Kit

9. TSA Contacts:

9.1 TSA Contracting Officer

Marvin Grubbs
Transportation Security Administration
Office of Acquisition
601 South 12th Street, 2nd Floor, West Building
Arlington, VA 20598

(b)(6)

9.2 TSA Contracting Specialist

(b)(6)

Transportation Security Administration
Office of Acquisition
601 South 12th Street, 2nd Floor, West Building
Arlington, VA 20598

(b)(6)

9.3 TSA Contracting Officer's Technical Representative

(b)(6)

Transportation Security Administration
Office of Technical Training
601 South 12th Street, 2nd Floor, East Building
Arlington, VA 20598

(b)(6)

9.4 TSA TME&I Program Manager

(b)(6)

Transportation Security Administration
Office of Technical Training
601 South 12th Street, 2nd Floor, East Building
Arlington, VA 20598

(b)(6)

9.5 TSA Task A Technical Monitor

TBD
Transportation Security Administration

9.5. TSA Task B Technical Monitor

(b)(6)

Transportation Security Administration
701 South 12th Street
Arlington, VA 20598

(b)(6)

9.6. TSA Task C Technical Monitor

(b)(6)

Transportation Security Administration
601 South 12th St HQE2-111S
TSA/OSO/OTT
Arlington, VA 20598

(b)(6) (office)
(703) 603-0825 (fax)
(b)(6)

9.7. TSA Task D Technical Monitor

(b)(6)
Transportation Security Administration TSA-29
601 South 12th Street HQE2-107S
TSA/OSO/OOP/OTT,
Arlington, VA 20598
(b)(6) (office)
(703) 603-0825 (fax)
(b)(6)

9.8. TSA Task E Technical Monitor

(b)(6)
Transportation Security Administration TSA-29
601 South 12th Street HQE2-125S
TSA/OSO/OOP/OTT,
Arlington, VA 20598
(b)(6) (office)
(703) 603-0825 (fax)
(b)(6)

(End of Section C)

SECTION D – PACKING, PACKAGING, AND MARKING

D.1 Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

SECTION E - INSPECTION AND ACCEPTANCE

E.1 Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

SECTION F - DELIVERY

F.1 Delivery Requirements

All materials ordered under this task order shall be shipped "F.O.B. Destination".

F.2 Period of Performance

02/08/2012 – 02/07/2013

F.3 Delivery Schedules/ Deliverables/ Delivery Information

See Section C for list of deliverables and deliverable schedule.

SECTION G - CONTRACT ADMINISTRATION DATA

G.1 Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

G.2 Contractor shall provide, to the COTR and TM, invoice backup documentation that includes the breakdown of labor categories and number of labor hours expended during the invoicing period of performance for each T&M CLIN as stated within Section B of this task order. This backup information shall provide enough detail for the Government to clearly understand the effort completed during the period of performance.

G.3 Upon request by the COTR and/or TM, Contractor shall provide with the invoice submitted to FINCEN, backup documentation that includes finalized quotes/proposal for ODCs used in performance of this Task Order.

G.4 Data, Data Management and Data-Pertinent Information:

In addition to the Federal Acquisitions Regulations (FAR) Subpart 27.4 – ‘Rights in Data and Copyrights’ and Section 35.011 detailing technical data delivery, the contractor shall provide all TSA-specific data in a format maintaining pre-existing referential integrity and data constraints, as well as data structures in an understandable format to TSA. Examples of data structures can be defined as, but not limited to:

- Data models depicting entity relationships.
- Metadata information to define data definitions
- Detailed data formats, type, and size
- Delineations of the referential integrity (primary key/foreign key) of data schemas

All TSA-specific data shall be delivered in a secure and timely manner to TSA. Data security is defined within Section I.4, ‘Requirements for Handling Sensitive, Classified, and/or Proprietary Information,’ within this SOW. This definition complies with not only the delivery of data, but also maintaining TSA-specific data within a non-TSA or DHS proprietary system. Alternative data delivery techniques may also be defined by TSA EDM project team.

As part of the necessary data structure, the contractor shall provide an Entity Relationship Diagram (ERD) to explain the business relationships to TSA through graphically and textually detailing the data that is stored per each database and system/application. The preferred format for the ERD is CA Erwin; however other formats, such as Visio, DLL, database scripts or format specified by TSA EDM project team shall be accepted. All additional known data models (e.g., Logical Data Model (LDM) Conceptual Data Model (CDM), Physical Data Model (PDM), Data Flow Diagrams (DFD)) depicting TSA-specific data are required. Referential integrity also needs to be addressed for all parent/child or primary key/foreign key relationships within these models.

All metadata shall be pre-defined upon delivery to TSA. Metadata shall be delivered in a format that is readily interpretable by TSA (e.g. metadata shall be extracted from any metadata repository that is not utilized by TSA and delivered in a TSA approved manner). Metadata shall also provide an indication of historical verses the most current data to be used, as well as frequency of data refreshes.

The contractor shall adhere to providing a Data Management Plan (DMP), as defined by the TSA Enterprise Data Management (EDM) project team, which includes conceptual and logical data models, along with a data asset profile. Any data exchanges with other DHS Components shall adhere to DHS data exchange standards using the National Information Exchange Model (NIEM). All required artifacts will be provided to the TSA EDM project team.

Note: The following definitions pertain to the previous paragraphs:

An ERD is a diagram used to identify the topics of interest (entities) and their connections to each other (relationships).

An LDM in systems engineering is a representation of an organization's data, organized in terms of entities and relationships and is independent of any particular data management technology.

A CDM is a high-level model that is considered a useful first step in documenting and describing the fundamental nature of the organization's data. It serves as the foundation for providing a common vocabulary and for understanding the overall structure of data, and for normalizing data access to support improved information sharing. In a CDM, fundamental things of significance to the business organization are represented. A CDM usually includes data objects and the corresponding core relationships in terms of the business user.

*A PDM is a representation of a data asset design which takes into account the facilities and constraints of a given **database management system (DBMS)**. It is typically derived from a logical data model, though it may be reverse-engineered from a given database implementation. The PDM can usually be used to calculate storage estimates and may include specific storage allocation details for a given database system. There is no sharp dividing line between a CDM and an LDM. Similarly, there is no sharp dividing line between an LDM and a PDM. Depending on the developers and their requirements, details may appear in one model or the other. Each model should be constructed down to the level of detail that makes the model useful to the intended audience.¹*

¹ These definitions have been defined through the 'DHS Enterprise Data Management – Data Modeling Methodology Guidelines' found on the DHS Connect DMWG Portal which can be found at

(b)(3):49 U.S.C. § 114(f)

A DFD is a diagram depicting the flow of data from the source to the target systems, showing all interactions made in between.

Referential integrity is a database concept that ensures that relationships between tables remain consistent. When one table has a foreign key to another table, the concept of referential integrity states that you may not add a record to the table that contains the foreign key unless there is a corresponding record in the linked table.

SECTION I – CONTRACT CLAUSES, TERMS, AND CONDITIONS

I.1. Clauses of the IDIQ Contract HSTS01-09-D-OSO900 shall apply to this task order.

I.2. Per the DHS Industrial Security Program instructions, the following clause is being included in full text:

52.204-2 -- Security Requirements (Aug. 1996)

(a) This clause applies to the extent that this contract involves access to information classified “Top Secret.”

(b) The Contractor shall comply with --

(1) The Security Agreement (DD Form 441), including the National Industrial Security Program Operating Manual (DoD 5220.22-M); and

(2) Any revisions to that manual, notice of which has been furnished to the Contractor.

(c) If, subsequent to the date of this contract, the security classification or security requirements under this contract are changed by the Government and if the changes cause an increase or decrease in security costs or otherwise affect any other term or condition of this contract, the contract shall be subject to an equitable adjustment as if the changes were directed under the Changes clause of this contract.

(d) The Contractor agrees to insert terms that conform substantially to the language of this clause, including this paragraph (d) but excluding any reference to the Changes clause of this contract, in all subcontracts under this contract that involve access to classified information.

(End of Clause)

I.3. All services, hardware and/or software provided under this task order must be compliant with DHS 4300A DHS Sensitive System Policy Directive, DHS 4300A Sensitive Systems Handbook., TSA MD 1400.3 Information Technology Security Policy, TSA IT Security Policy Handbook and Technical Standards.

I.4 SECURITY OF SYSTEMS HANDLING PERSONALLY IDENTIFIABLE INFORMATION AND PRIVACY INCIDENT REPONSE

(a) Definitions.

“Breach” (may be used interchangeably with “Privacy Incident”) as used in this clause means the loss of control, compromise, unauthorized disclosure, unauthorized acquisition, unauthorized access, or any similar situation where persons other than authorized users, and for other than authorized purpose, have access or potential access to Personally Identifiable Information, in usable form whether physical or electronic.

“Personally Identifiable Information (PII)” as used in this clause means any information that permits the identity of an individual to be directly or indirectly inferred, including any other information that is linked or linkable to that individual regardless of whether the individual is a citizen of the United States, legal permanent resident, or a visitor to the United States.

Examples of PII include: name, date of birth, mailing address, telephone number, Social Security Number (SSN), email address, zip code, account numbers, certificate/license numbers, vehicle identifiers including license plates, uniform resource locators (URLs), Internet protocol addresses, biometric identifiers (e.g., fingerprints), photographic facial images, or any other unique identifying number or characteristic, and any information where it is reasonably foreseeable that the information will be linked with other information to identify the individual.

“Sensitive Personally Identifiable Information (Sensitive PII)” as used in this clause is a subset of Personally Identifiable Information, which if lost, compromised or disclosed without authorization, could result in substantial harm, embarrassment, inconvenience, or unfairness to an individual. Complete social security numbers (SSN), alien registration numbers (A-number) and biometric identifiers (such as fingerprint, voiceprint, or iris scan) are considered Sensitive PII even if they are not coupled with additional PII. Additional examples include any groupings of information that contains an individual’s name or other unique identifier plus one or more of the following elements:

- (1) Driver’s license number, passport number, or truncated SSN (such as last 4 digits)
- (2) Date of birth (month, day, and year)
- (3) Citizenship or immigration status
- (4) Financial information such as account numbers or Electronic Funds Transfer Information
- (5) Medical Information
- (6) System authentication information such as mother’s maiden name, account passwords or personal identification numbers (PIN)

Other Personally Identifiable information may be “sensitive” depending on its context, such as a list of employees with less than satisfactory performance ratings or an unlisted home address or phone number. In contrast, a business card or public telephone directory of agency employees contains Personally Identifiable Information but it is not sensitive.

(b) Systems Access. Work to be performed under this contract requires the handling of Sensitive PII. The contractor shall provide the Government access to, and information regarding systems the contractor operates on behalf of the Government under this contract, when requested by the Government, as part of its responsibility to ensure compliance with security requirements, and shall otherwise cooperate with the Government in assuring compliance with such requirements. Government access shall include independent validation testing of controls, system penetration testing by the Government, Federal Information Security Management Act (FISMA) data reviews, and access by agency Inspectors General for its reviews.

(c) **Systems Security.** In performing its duties related to management, operation, and/or access of systems containing Sensitive PII under this contract, the contractor, its employees and subcontractors shall comply with applicable security requirements described in DHS Sensitive System Publication 4300A or any replacement publication and rules of conduct as described in TSA MD 3700.4

In addition, use of contractor-owned laptops or other media storage devices to process or store PII is prohibited under this contract until the contractor provides, and the contracting officer in coordination with CISO approves, written certification by the contractor that the following requirements are met:

- (1) Laptops employ encryption using a NIST Federal Information Processing Standard (FIPS) 140-2 or successor approved product;
- (2) The contractor has developed and implemented a process to ensure that security and other applications software are kept current;
- (3) Mobile computing devices utilize anti-viral software and a host-based firewall mechanism;
- (4) When no longer needed, all removable media and laptop hard drives shall be processed (i.e., sanitized, degaussed, or destroyed) in accordance with DHS security requirements.
- (5) The contractor shall maintain an accurate inventory of devices used in the performance of this contract;
- (6) Contractor employee annual training and rules of conduct/behavior shall be developed, conducted/issued, and acknowledged by employees in writing. Training and rules of conduct shall address at minimum:
 - (i) Authorized and official use;
 - (ii) Prohibition against use of personally-owned equipment to process, access, or store Sensitive PII;
 - (iii) Prohibition against access by unauthorized users and unauthorized use by authorized users; and
 - (iv) Protection of Sensitive PII;
- (7) All Sensitive PII obtained under this contract shall be removed from contractor-owned information technology assets upon termination or expiration of contractor work. Removal must be accomplished in accordance with DHS Sensitive System Publication 4300A, which the contracting officer will provide upon request. Certification of data removal will be performed by the contractor's Project Manager and written notification confirming certification will be delivered to the contracting officer within 15 days of termination/expiration of contractor work.

(d) **Data Security.** Contractor shall limit access to the data covered by this clause to those employees and subcontractors who require the information in order to perform their official duties under this contract. The contractor, contractor employees, and subcontractors must physically secure Sensitive PII when not in use and/or under the control of an authorized individual, and when in transit to prevent unauthorized access or loss. When Sensitive PII is no longer needed or required to be retained under applicable Government records retention policies, it must be destroyed through means that will make the Sensitive PII irretrievable.

The contractor shall only use Sensitive PII obtained under this contract for purposes of the contract, and shall not collect or use such information for any other purpose without the prior written approval of the contracting officer. At expiration or termination of this contract, the contractor shall turn over all Sensitive PII obtained under the contract that is in its possession to the Government.

(e) **Breach Response.** The contractor agrees that in the event of any actual or suspected breach of Sensitive PII (i.e., loss of control, compromise, unauthorized disclosure, access for an unauthorized purpose, or other unauthorized access, whether physical or electronic), it shall immediately, and in no event later than one hour of discovery, report the breach to the contracting officer, the Contracting Officer's Technical Representative (COTR), and the TSA Director of Privacy Policy & Compliance (TSAprivacy@dhs.gov). The contractor is responsible for positively verifying that notification is received and acknowledged by at least one of the foregoing Government parties.

(f) **Personally Identifiable Information Notification Requirement.** The contractor has in place procedures and the capability to promptly notify any individual whose Sensitive PII was, or is reasonably believed to have been, breached, as determined appropriate. The method and content of any notification by the contractor shall be coordinated with, and subject to the prior approval of the Government, based upon a risk-based analysis conducted by the Government in accordance with DHS Privacy incident Handling Guidance. Notification shall not proceed unless the Government has determined that: (1) notification is appropriate; and (2) would not impede a law enforcement investigation or jeopardize national security.

Subject to Government analysis of the breach and the terms of its instructions to the contractor regarding any resulting breach notification, a method of notification may include letters to affected individuals sent by first class mail, electronic means, or general public notice, as approved by the Government. At minimum, a notification should include: (1) a brief description of how the breach occurred; (2) a description of the types of personal information involved in the breach; (3) a statement as to whether the information was encrypted or protected by other means; (4) steps an individual may take to protect themselves; (5) what the agency is doing, if anything, to investigate the breach, to mitigate losses, and to protect against any further breaches; and (6) point of contact information identifying who affected individuals may contact for further information.

In the event that a Sensitive PII breach occurs as a result of the violation of a term of this contract by the contractor or its employees, the contractor shall, as directed by the contracting officer and at no cost to the Government, take timely action to correct or mitigate the violation, which may include providing notification and/or other identity protection services to affected individuals for a period not to exceed 12 months from discovery of the breach. Should the Government elect to provide and/or procure notification or identity protection services in response to a breach, the contractor will be responsible for reimbursing the Government for those expenses.

(g) **Pass-Through of Security Requirements to Subcontractors.** The contractor agrees to incorporate the substance of this clause, its terms and requirements, in all subcontracts under this contract, and to require written subcontractor acknowledgement of same. Violation by a subcontractor of any provision set forth in this clause will be attributed to the contractor.

I.5 SUBMISSION OF INVOICES - Commercial

(a) **Background:** The Transportation Security Administration (TSA) partners with the United States Coast Guard Finance Center for financial services in support of TSA operations, including the payment of contractor invoices. Therefore, all contractor invoices must be submitted to, and will be paid by, the U.S. Coast Guard Finance Center (FinCen).

- (b) Invoice Submission Method: Invoices may be submitted via facsimile, U.S. Mail, or email. Contractors shall utilize **ONLY ONE** method per invoice submission. The submission information for each of the methods is as follows in order of preference:

1) Facsimile number is: 757-413-7314.

The facsimile number listed above shall be used by contractors for ORIGINAL invoice submission only. If facsimile submission is utilized, contractors shall not submit hard copies of invoices via the U.S. mail. It is the responsibility of the contractor to verify that invoices are received, regardless of the method of submission used. Contractors may inquire regarding the receipt of invoices by contacting the U.S. Coast Guard Finance Center via the methods listed in subparagraph (c) of this clause.

2) U.S. Mail:

United States Coast Guard Finance Center
TSA Commercial Invoices
P.O. Box 4111
Chesapeake, VA 23327-4111.

3) Email Invoices:

FIN-SMB-TSAInvoices@uscg.mil or www.fincen.uscg.mil

- (c) Invoice Process: Upon receipt of contractor invoices, FinCen will electronically route invoices to the appropriate TSA Contracting Officer's Technical Representative and/or Contracting Officer for review and approval. Upon approval, the TSA will electronically route the invoices back to FinCen. Upon receipt of certified invoices from a Authorized Certifying Official, FinCen will initiate payment of the invoices.

Note for discounts offered:

Discounts on invoices. If desired, the Contractor should offer discounts directly upon the invoice submitted, clearly specifying the terms of the discount. Contractors can structure discounted amounts for payment for any time period less than the usual thirty day payment period specified under Prompt Payment requirements; however, the Contractor should not structure terms for payment of net amounts invoiced any sooner than the standard period required under FAR Subpart 32.9 regarding prompt payments for the specified deliverables under contract.

Discounts offered after invoice submission. If the Contractor should wish to offer a discount on a specific invoice after its submission for payment, the Contractor should submit a letter to the Finance Center identifying the specific invoice for which a discount is offered and specify the exact terms of the discount offered and what time period the Government should make payment by in order to receive the discount. The Contractor should clearly indicate the contract number, invoice number and date, and the specific terms of the discount offered. Contractors should not structure terms for net amount payments any sooner than the standard period required under FAR Subpart 32.9 regarding prompt payments for the specified deliverables under contract.

- (d) Payment Status: Contractors may inquire on the payment status of an invoice by any of the following means:

- (1) Via the internet: <https://www.fincen.uscg.mil>
Contacting the FinCen Customer Service Section via telephone at 1-800-564-5504, or (757) 523-6940 (Voice Option #1). The hours of operation for the Customer Service line are 8:00 AM to 5:00 PM Eastern Time, Monday through Friday. However, the Customer Service line has a voice-mail feature that is available 24 hours per day, 7 days per week.
 - (2) Via the Payment Inquiry Form: <https://www.fincen.uscg.mil/secure/payment.htm>
- (e) **Invoice Elements:** Invoices will automatically rejected if the information required in subparagraph (a)(2) of the Prompt Payment Clause, contained in this Section of the Contract, including EFT banking information, Taxpayer Identification Number (TIN), and DUNS number are not included in the invoice. All invoices must be clearly correlate invoiced amounts to the corresponding contract line item number and funding citation. The Contractor shall work with the Government to mutually refine the format, content and method of delivery for all invoice submissions during the performance of the Contract.
- (f) **Supplemental Invoice Documentation:** Contractors shall submit all supplemental invoice documentation (e.g. copies of subcontractor invoices, travel vouchers, etc) necessary to approve an invoice along with the original invoice. The Contractor invoice must contain the information stated in the Prompt Payment Clause in order to be received and processed by FinCen. Supplemental invoice documentation required for review and approval of invoices may, at the written direction of the Contracting Officer, be submitted directly to either the Contracting Officer, or the Contracting Officer's Technical Representative. Note for "time-and-material" type contracts: The Contractor must submit the following statement with each invoice for labor hours invoiced under a "time-and-materials" type contract, order, or contract line item: "The Contractor hereby certifies in accordance with paragraph (c) of FAR 52.232-7, that each labor hour has been performed by an employee (prime or subcontractor) who meets the contract's specified requirements for the labor category invoiced."
- (g) **Additional Invoice Preparation Instructions for Software Development and/or Hardware.** The Contractor shall clearly include a separate breakdown (by CLIN) for any software development activities (labor costs, subcontractor costs, etc) in accordance with Federal Accounting Standards Advisory Board Statement of Federal Financial Accounting Standards Number 10 (Preliminary design costs, Development costs and post implementation costs) and cite payment terms. The contractor shall provide make and model descriptions as well as serial numbers for purchases of hardware and software (where applicable.)

I.6 Frequency of Invoice Submission

For FFP CLINs, contractor shall invoice 1/12 of the CLIN amount for the month prior efforts. For T&M, contractor shall invoice the expended amount incurred during the previous month(s). For ODCs, contractor shall invoice for only those ODCs that have been approved and purchased/expended during the previous month(s). Specifically for CLIN 0002, the contractor shall provide with the invoice, a complete list of the ODC purchased, the cost of each ODC, and the accumulative cost for all ODCs.

(End of Section I)

SECTION J – CONTRACT DOCUMENTS, EXHIBITS, OR ATTACHMENTS

J.1 Contract Documents

ATTACHMENT NO.	TITLE/ DESCRIPTION
A	Task C: Image Development & Image Library Additional Information
B - R	Training Kit Information (SSI Document)

(End of Section J)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO P00001	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ NO None	5. PROJECT NO. (if applicable)
6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598	CODE 20	7. ADMINISTERED BY (if other than Item 9) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	CODE 01
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		(x) 9A. AMENDMENT OF SOLICITATION NO	9B. DATED (SEE ITEM 11)
CODE 805258373	FACILITY CODE	X 10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-OSO900 HSTS01-12-J-OTFC04	10B. DATED (SEE ITEM 13) 02/03/2012

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 _____ copies 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 Schedule

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

CHECK ONE	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.
X	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(d)
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

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

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

Tax ID Number: 52-1813509

DUNS Number: 805258373

The purpose of this modification is to incorporate the approved DD254 into this task order. Attachment T - Approved DD254 HSTS01-12-J-OTFC04 (February 2012) is hereby added to Section J.1.

All other terms and conditions remain the same.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator	15B. CONTRACTING OFFICER (b)(6)	15C. DATE SIGNED 2/15/2012	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	16B. UNITED STATES OF AMERICA <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 2/15/2012
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CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

HSTSG1-09-D-OSC900/HSTSG1-12-J-OT004/PC0001

PAGE

OF

2

2

NAME OF OFFEROR OR CONTRACTOR

Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	Payment: JS Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111 Period of Performance: 02/08/2012 to 02/07/2013				

DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION <i>(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)</i>				1. CLEARANCE AND SAFEGUARDING	
				a. FACILITY CLEARANCE REQUIRED TOP SECRET	
				b. LEVEL OF SAFEGUARDING REQUIRED SECRET	
2. THIS SPECIFICATION IS FOR: (X and complete as applicable)			3. THIS SPECIFICATION IS: (X and complete as applicable)		
<input checked="" type="checkbox"/>	a. PRIME CONTRACT NUMBER HSTS01-09-D-OSO900 HSTS01-12-J-OTT004		<input checked="" type="checkbox"/>	a. ORIGINAL (Complete date in all cases)	Date (YYYYMMDD) 20120213
	b. SUBCONTRACT NUMBER			b. REVISED (Supersedes all previous specs)	Revision No. Date (YYYYMMDD)
	c. SOLICITATION OR OTHER NUMBER=	Due Date (YYYYMMDD)		c. FINAL (Complete item 5 in all cases)	Date (YYYYMMDD)
4. IS THIS A FOLLOW-ON CONTRACT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO. If Yes, complete the following: Classified material received or generated under HSTS01-09-D-OSO900 HSTS01-11-J-OOP015 (Preceding Contract Number) is transferred to this follow-on contract.					
5. IS THIS A FINAL DD FORM 254? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes, complete the following: In Response to the contractor's request dated _____, retention of the identified classified material is authorized for the period of _____.					
6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)					
a. NAME, ADDRESS, AND ZIP CODE LOCKHEED MARTIN SERVICES, INC. 2339 ROUTE 70 WEST CHERRY HILL, NJ 08002-3315			b. CAGE CODE 77609	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code) DEFENSE SECURITY SERVICE Atrium 1 1000 Atrium Way, Suite 310 Mt Laurel, NJ 08054-3906	
7. SUBCONTRACTOR					
a. NAME, ADDRESS, AND ZIP CODE			b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)	
8. ACTUAL PERFORMANCE					
A. NAME, ADDRESS, AND ZIP CODE Department of Homeland Security (DHS) Transportation Security Administration (TSA) various DHS locations within the greater Washington, DC metropolitan area (See Item 13).			b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)	
9. GENERAL IDENTIFICATION OF THE PROCUREMENT (U) TO PROVIDE A BROAD RANGE OF SERVICES TO ASSIST AND SUPPORT THE DEPARTMENT OF HOMELAND SECURITY (DHS) TRANSPORTATION SECURITY ADMINISTRATION (TSA).					
10. THIS CONTRACT WILL REQUIRE ACCESS TO:		YES	NO	11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:	
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION			<input checked="" type="checkbox"/>	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	<input type="checkbox"/> <input checked="" type="checkbox"/>
b. RESTRICTED DATA			<input checked="" type="checkbox"/>	b. RECEIVE CLASSIFIED DOCUMENTS ONLY	<input type="checkbox"/> <input checked="" type="checkbox"/>
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION			<input checked="" type="checkbox"/>	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	<input checked="" type="checkbox"/> <input type="checkbox"/>
d. FORMERLY RESTRICTED DATA			<input checked="" type="checkbox"/>	d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	<input checked="" type="checkbox"/> <input type="checkbox"/>
e. INTELLIGENCE INFORMATION:			<input checked="" type="checkbox"/>	e. PERFORM SERVICES ONLY	<input type="checkbox"/> <input checked="" type="checkbox"/>
(1) Sensitive Compartmented Information (SCI)			<input checked="" type="checkbox"/>	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES	<input type="checkbox"/> <input checked="" type="checkbox"/>
(2) Non-SCI			<input checked="" type="checkbox"/>	g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	<input type="checkbox"/> <input checked="" type="checkbox"/>
f. SPECIAL ACCESS INFORMATION			<input checked="" type="checkbox"/>	h. REQUIRE A COMSEC ACCOUNT	<input type="checkbox"/> <input checked="" type="checkbox"/>
g. NATO INFORMATION			<input checked="" type="checkbox"/>	i. HAVE TEMPEST REQUIREMENTS	<input type="checkbox"/> <input checked="" type="checkbox"/>
h. FOREIGN GOVERNMENT INFORMATION			<input checked="" type="checkbox"/>	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	<input type="checkbox"/> <input checked="" type="checkbox"/>
i. LIMITED DISSEMINATION INFORMATION			<input checked="" type="checkbox"/>	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE	<input type="checkbox"/> <input checked="" type="checkbox"/>
j. FOR OFFICIAL USE ONLY INFORMATION		<input checked="" type="checkbox"/>		l. OTHER (Specify) See Block #13.	<input type="checkbox"/> <input checked="" type="checkbox"/>
k. OTHER (Specify)			<input checked="" type="checkbox"/>		

12. PUBLIC RELEASE. Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release

<input type="checkbox"/>	Direct	<input checked="" type="checkbox"/>	Through (Specify): NONE AUTHORIZED
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UNLESS CONTRACTOR HAS OBTAINED AUTHORITY TO RELEASE FROM THE DEPARTMENT OF HOMELAND SECURITY: CONTRACTOR SHALL COORDINATE WITH THE COTR AND THE OFFICE OF SECURITY (ASD) 202-447-5347 ON ALL CHANGES TO THIS GUIDANCE to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)* for review. In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

13. Security Guidance. The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes: to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract, and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

Reference Item 8a: Lockheed Martin Services, Inc, 1800 South Bell Street, Suite 110, Arlington, VA 22202
CSO: Defense Security Service , 2331 Mill Road, 4th Floor, Alexandria, VA 22314
 Lockheed Martin Corporation, Maritime Systems & Sensors, 199 Borton Landing Road, Moorestown, NJ 08057 **CSO:**
 Defense Security Service, Atrium 1 1000 Atrium Way, Suite 310, Mt. Laurel, NJ 08054-3906

Reference Item 10j: "Contractors shall control and safeguard FOUO in accordance with DHS Directive (MD 11042.1) "Safeguarding Sensitive but Unclassified (For Official Use Only) Information," dated Jan 6, 2005. DHS contractors must sign a special Non-Disclosure Agreement before receiving access to FOUO information. Contractors with questions on handling DHS FOUO shall contact DHS OCS0 ASD at (202) 447-5341."

Reference Item 11c & d: The contractor shall derivatively classify newly created information associated with this effort based on the classification guidance provided through existing classified sources. All classified information shall be marked in accordance with the NISPOM. The ISOO Pamphlet on "Marking Classified National Security Information dated December 2010" may be used as a guide on the proper marking of classified information. Questions relating to Marking Classified National Security Information can be addressed to DHS Office of Security Administrative Security Division, at telephone (202) 447-5341

14. ADDITIONAL SECURITY REQUIREMENTS. Requirements identify the pertinent contracted clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. (If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use item 13 if additional space is needed.)

<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
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16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

<p>a. TYPED NAME OF CERTIFYING OFFICIAL CHRISTAL FULTON (b)(6)</p>	<p>b. TITLE Chief, Industrial Security Program Branch</p>	<p>c. TELEPHONE (Include Area Code) (b)(6)</p>												
<p>d. ADDRESS (Include Zip Code) Department of Homeland Security 301 7th & D Street S.W. Washington D.C. 20528</p>	<p>17. REQUIRED DISTRIBUTION</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 20px;"><input checked="" type="checkbox"/></td> <td>a. CONTRACTOR</td> </tr> <tr> <td><input type="checkbox"/></td> <td>b. SUBCONTRACTOR</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR</td> </tr> <tr> <td><input type="checkbox"/></td> <td>d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>e. ADMINISTRATIVE CONTRACTING OFFICER</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>f. OTHERS AS NECESSARY</td> </tr> </table>		<input checked="" type="checkbox"/>	a. CONTRACTOR	<input type="checkbox"/>	b. SUBCONTRACTOR	<input checked="" type="checkbox"/>	c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR	<input type="checkbox"/>	d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION	<input checked="" type="checkbox"/>	e. ADMINISTRATIVE CONTRACTING OFFICER	<input checked="" type="checkbox"/>	f. OTHERS AS NECESSARY
<input checked="" type="checkbox"/>	a. CONTRACTOR													
<input type="checkbox"/>	b. SUBCONTRACTOR													
<input checked="" type="checkbox"/>	c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR													
<input type="checkbox"/>	d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION													
<input checked="" type="checkbox"/>	e. ADMINISTRATIVE CONTRACTING OFFICER													
<input checked="" type="checkbox"/>	f. OTHERS AS NECESSARY													
<p>e. SIGN (b)(6)</p>	<p style="font-size: 1.5em; text-align: center;">2/13/2012</p>													

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES	
				1 6	
2. AMENDMENT/MODIFICATION NO. P00002		3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. None	
5. PROJECT NO. (If applicable)		6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598		7. ADMINISTERED BY (If other than item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	
8. ISSUED BY CODE		20		CODE 01	

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		(x) 9A. AMENDMENT OF SOLICITATION NO.
CODE 805258373		9B. DATED (SEE ITEM 11)
FACILITY CODE		(x) 10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-OSC900 HSTS01-12-J-OIT004
		10B. DATED (SEE ITEM 13) 02/03/2012

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 _____ copies 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 Schedule

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

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority); THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52-212.4 - Contract Terms and Conditions - Commercial Items (Oct 2003) paragraph (c)
	D. OTHER (Specify type of modification and authority)

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

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

Tax ID Number: 52-1813509

DUNS Number: 805258373

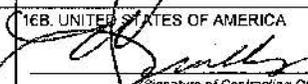
The purpose of this modification is to execute the following contract actions:

1. Remove and replace Attachment T with a revised version of the approved DD254.
2. Modify Section C, Paragraph 4.6.7.8 and 8.2.12 of the Statement of Work.
3. Modify deliverable dates of Task C, Paragraph 6.8 and Task E, Paragraph 8.7.

All other terms and conditions remain the same. Please see following pages for modification

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A. NAME AND TITLE OF SIGNER (Type or print) (b)(6) Senior Contracts Negotiator		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Marvin Grubbs	
15B. CONTRACTOR/OFFEROR (b)(6)	15C. DATE SIGNED 3/22/2012	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED 3/23/2012

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED
HSTSC1-09-D-OSC900/HSTSC1-12-J-OT004/PC0002

PAGE OF
2 6

NAME OF OFFEROR OR CONTRACTOR
Lockheed Martin Services Incorporated

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	details. Attachment T - Approved DD254 REV1 HSTSC1-12-J-OT004 (02/29/2012) Payment: US Coast Guard Financial Center TSA Commercial Invoices P.O. Box 4111 Chesapeake VA 23327-4111 Period of Performance: 02/08/2012 to 02/07/2013				

The purpose of this modification is to:

1. Remove and replace Attachment T with a revised version of the attachment. Attachment T is hereby replaced with Attachment T - Approved DD254 (REV001) HSTS01-12-J-OTT004 (02/29/2012).
2. Modify Section C, Paragraph 4.6.7.8 and 8.2.12 of the Statement of Work.

Section C, Paragraph 4.6.7.8 is hereby removed and replaced with the following:

4.6.7.8 The representatives shall provide property management support to airports in support of kit issues, audits, and other property questions and interface directly with the Office of Training and Workforce Engagement (OTWE) Accountable Property Officer (APO) and TSA Deputy Property Management Official (DPMO), TSA Office of Property Management staff.

Section C, Paragraph 8.2.12 is hereby removed and replaced with the following:

8.2.12 The contractor shall provide configuration management of all kits and training aids. The contractor shall provide a spreadsheet identifying each kit case by barcode and the part numbers or barcode of each item contained in that case upon kit development or delivery. The contractor shall provide this information to TSA Property Management OTWE APO and DPMO staff for upload into the TSA property management system and insert a property transfer sheet into the case prior to shipping or via email after shipping with TSA approval.

8.2.12.1. Kit content items containing simulants and/or detonators shall be coded using TSA provided serial numbers and bar codes for the kit unit as well as individual component serial numbers. Kit component bar codes and serial numbers will be tied to the kit unit numbers in a parent/child relationship.

8.2.12.2. TSA part numbers shall be mapped to TSL part numbers, if necessary.

3. Modify the deliverable dates of paragraph 6.8 Task C - Test Distribution and paragraph 8.7 Task E - Threat Kit Program. This is a no cost change. Paragraph 6.8 and 8.7 is hereby removed and replaced with the following:

6.8 Task C Deliverables

Deliverable #	Item	Due Date	Deliverable Recipient	Government Review
1 (6.3.1.2)	TRX/AT – 10 Monthly CDs	First volume 60 days after award, monthly thereafter	Task C Technical Monitor	10 Business Days
2 (6.3.1.4)	TRX/AT – TRX Sim Training Library (1000 Clear Bags/300 FTIs)	FY13, Q2 (Jan-Mar 2013)	Task C Technical Monitor	10 Business Days

Deliverable #	Item	Due Date	Deliverable Recipient	Government Review
3 (6.3.2.3)	TRX/AT FY2013 Test Distribution	August 27, 2012	Task C Technical Monitor.	15 Business Days
4 (6.4.1.1.1.1)	A-EDS (CB) Cobra Training Images	March 28, 2012	Task C Technical Monitor	15 Business Days
5 (6.4.1.1.5)	A-EDS (CB) Cobra OQTs	March 28, 2012	Task C Technical Monitor.	15 Business Days
6 (6.4.1.2.1.1)	A-EDS (CB) Fusion Training Images	March 28, 2012	Task C Technical Monitor.	15 Business Days
7 (6.4.1.2.5)	A-EDS (CB) Fusion OQTs	March 28, 2012	Task C Technical Monitor	15 Business Days
8 (6.4.2.1.2.1)	A-EDS (CP) Cobra IMAs	As mutually agreed upon by TSA and LM	Task C Technical Monitor	5 Business Days
9 (6.4.2.2.1.1)	A-EDS (CP) Fusion Training Images	As mutually agreed upon by TSA and LM	Task C Technical Monitor	15 Business Days
10 (6.4.2.2.5)	A-EDS (CP) Fusion IIT/IMT/IMAs	As mutually agreed upon by TSA and LM	Task C Technical Monitor	15 Business Days
11 (6.5.2.1.1)	EDS Training Images	60 day cycle after Feb 8th	Task C Technical Monitor	15 Business Days
12 (6.5.3.4)	EDS Assessment OQTs	60 day cycle after Feb 8th	Task C Technical Monitor	15 Business Days
13 (6.5.4.1)	EDS OMA Images	June 1, 2012	Task C Technical Monitor	15 Business Days

8.7. Task E – Deliverables

#	Deliverable	Due Date	TSA Recipient	Government Review
1A 1B 1C etc...	Threat and non Threat Prototypes (T&M CLIN)	per Technical Direction from TSA	Task Order TM	10 business days
2	IED Accessory Kit Components shipped to TSS-E at Hubs	4/30/2012	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
3	IED Accessory Kit Components shipped to TSS-E at Hubs	7/31/2012	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
4	IED Accessory Kit Components shipped to TSS-E at Hubs	10/31/2012	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
5	IED Accessory Kit Components shipped to TSS-E at Hubs	01/31/2013	Lead TSS-E at Airport Hubs	2 business days after acceptance at Airport
6	Thumbprint Quality Control (TQC) Upgrade Prototype (T&M CLIN)	4/30/2012	Task Order TM	10 business days
7	Thumbprint Quality Control (TQC) Upgrade, Begin Field Distribution OPTION B	9/30/2012	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport
8	(b)(3):49 U.S.C. § 114(r) End Field Distribution	As mutually agreed upon by TSA and LM	Airport POC for IED and Weapons Training kits	2 business days after acceptance at Airport

9	Spreadsheet with Kit Type and TSA Property Serial Number	As required to update Sunflower Inventory	TSA HQ Property Management Office (Sunflower) and Task Order TM	
10	Proposed list of IED Components and Related Materials for Annual Shipment to the Hub Airports	12/3/2012	Task Order TM	10 Business Days
11	(b)(4) AIT Training Kits	6/29/2012	Airport POC	2 business days after acceptance at Airport
12	(b)(4) NHTP Prop Kits begin shipping Option A	5/8/2012	OTT PM for NHTP	5 business days after receipt at location

DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION <i>(The requirements of the DoD Industrial Security Manual apply to all security aspects of this effort.)</i>				1. CLEARANCE AND SAFEGUARDING a. FACILITY CLEARANCE REQUIRED TOP SECRET b. LEVEL OF SAFEGUARDING REQUIRED SECRET	
2. THIS SPECIFICATION IS FOR: (X and complete as applicable)			3. THIS SPECIFICATION IS: (X and complete as applicable)		
X	a. PRIME CONTRACT NUMBER HSTS01-09-D-OSO900 HSTS01-12-J-OTT004		a. ORIGINAL (Complete date in all cases) 20120213		Date (YYYYMMDD)
	b. SUBCONTRACT NUMBER		X	b. REVISED (Supersedes all previous specs) 001	Date (YYYYMMDD) 20120229
	c. SOLICITATION OR OTHER NUMBER=	Due Date (YYYYMMDD)		c. FINAL (Complete item 5 in all cases)	Date (YYYYMMDD)
4. IS THIS A FOLLOW-ON CONTRACT? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO. If Yes, complete the following Classified material received or generated under HSTS01-09-D-OSO900 HSTS01-11-J-OOP015 (Preceding Contract Number) is transferred to this follow-on contract.					
5. IS THIS A FINAL DD FORM 254? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO. If Yes, complete the following: In Response to the contractor's request dated _____, retention of the identified classified material is authorized for the period of _____					
6. CONTRACTOR (Include Commercial and Government Entity (CAGE) Code)					
a. NAME, ADDRESS, AND ZIP CODE LOCKHEED MARTIN SERVICES, INC. 2339 ROUTE 70 WEST CHERRY HILL, NJ 08002-3315			b. CAGE CODE 77609	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code) DEFENSE SECURITY SERVICE Atrium 1 1000 Atrium Way, Suite 310 Mt Laurel, NJ 08054-3906	
7. SUBCONTRACTOR					
a. NAME, ADDRESS, AND ZIP CODE			b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)	
8. ACTUAL PERFORMANCE					
a. NAME, ADDRESS, AND ZIP CODE Department of Homeland Security (DHS) Transportation Security Administration (TSA) various DHS locations within the greater Washington, DC metropolitan area and contractor's facilities (See Item 13).			b. CAGE CODE	c. COGNIZANT SECURITY OFFICE (Name, Address, and Zip Code)	
9. GENERAL IDENTIFICATION OF THE PROCUREMENT (U) TO PROVIDE A BROAD RANGE OF SERVICES TO ASSIST AND SUPPORT THE DEPARTMENT OF HOMELAND SECURITY (DHS) TRANSPORTATION SECURITY ADMINISTRATION (TSA).					
10. THIS CONTRACT WILL REQUIRE ACCESS TO:		YES	NO	11. IN PERFORMING THIS CONTRACT, THE CONTRACTOR WILL:	
a. COMMUNICATIONS SECURITY (COMSEC) INFORMATION			X	a. HAVE ACCESS TO CLASSIFIED INFORMATION ONLY AT ANOTHER CONTRACTOR'S FACILITY OR A GOVERNMENT ACTIVITY	X
b. RESTRICTED DATA			X	b. RECEIVE CLASSIFIED DOCUMENTS ONLY	X
c. CRITICAL NUCLEAR WEAPON DESIGN INFORMATION			X	c. RECEIVE AND GENERATE CLASSIFIED MATERIAL	X
d. FORMERLY RESTRICTED DATA			X	d. FABRICATE, MODIFY, OR STORE CLASSIFIED HARDWARE	X
e. INTELLIGENCE INFORMATION:				e. PERFORM SERVICES ONLY	X
(1) Sensitive Compartmented Information (SCI)			X	f. HAVE ACCESS TO U.S. CLASSIFIED INFORMATION OUTSIDE THE U.S., PUERTO RICO, U.S. POSSESSIONS AND TRUST TERRITORIES	X
(2) Non-SCI			X	g. BE AUTHORIZED TO USE THE SERVICES OF DEFENSE TECHNICAL INFORMATION CENTER (DTIC) OR OTHER SECONDARY DISTRIBUTION CENTER	X
f. SPECIAL ACCESS INFORMATION			X	h. REQUIRE A COMSEC ACCOUNT	X
g. NATO INFORMATION			X	i. HAVE TEMPEST REQUIREMENTS	X
h. FOREIGN GOVERNMENT INFORMATION			X	j. HAVE OPERATIONS SECURITY (OPSEC) REQUIREMENTS	X
i. LIMITED DISSEMINATION INFORMATION			X	k. BE AUTHORIZED TO USE THE DEFENSE COURIER SERVICE	X
j. FOR OFFICIAL USE ONLY INFORMATION		X		l. OTHER (Specify) See Block #13.	X
k. OTHER (Specify)			X		

12. PUBLIC RELEASE. Any information (classified or unclassified) pertaining to this contract shall not be released for public dissemination except as provided by the Industrial Security Manual or unless it has been approved for public release by appropriate U.S. Government authority. Proposed public releases shall be submitted for approval prior to release

Direct

Through (Specify):

NONE AUTHORIZED

to the Directorate for Freedom of Information and Security Review, Office of the Assistant Secretary of Defense (Public Affairs)* for review. In the case of non-DoD User Agencies, requests for disclosure shall be submitted to that agency.

13. Security Guidance. The security classification guidance needed for this classified effort is identified below. If any difficulty is encountered in applying this guidance or if any other contributing factor indicates a need for changes in this guidance, the contractor is authorized and encouraged to provide recommended changes: to challenge the guidance or the classification assigned to any information or material furnished or generated under this contract; and to submit any questions for interpretation of this guidance to the official identified below. Pending final decision, the information involved shall be handled and protected at the highest level of classification assigned or recommended. (Fill in as appropriate for the classified effort. Attach, or forward under separate correspondence, any documents/guides/extracts referenced herein. Add additional pages as needed to provide complete guidance.)

Reference Item 8a: Lockheed Martin Services, Inc, 1800 South Bell Street, Suite 110, Arlington, VA 22202
Cage Code: 4Q1U3 **CSO:** Defense Security Service, 2331 Mill Road, 4th Floor, Alexandria, VA 22314
Lockheed Martin Corporation, Maritime Systems & Sensors, 199 Borton Landing Road, Moorestown, NJ 08057
Cage Code: 02769 **CSO:** Defense Security Service, Atrium 1 1000 Atrium Way, Suite 310, Mt. Laurel, NJ 08054-3906

Reference Item 10j: "Contractors shall control and safeguard FOUO in accordance with DHS Directive (MD 11042.1) "Safeguarding Sensitive but Unclassified (For Official Use Only) Information," dated Jan 6, 2005. DHS contractors must sign a special Non-Disclosure Agreement before receiving access to FOUO information. Contractors with questions on handling DHS FOUO shall contact DHS OCSO ASD at (202) 447-5341."

Reference Item 11c & d: The contractor shall derivatively classify newly created information associated with this effort based on the classification guidance provided through existing classified sources. All classified information shall be marked in accordance with the NISPOM. The ISOO Pamphlet on "Marking Classified National Security Information dated December 2010" may be used as a guide on the proper marking of classified information. Questions relating to Marking Classified National Security Information can be addressed to DHS OCSO Administrative Security Division, at telephone (202) 447-5341.

14. ADDITIONAL SECURITY REQUIREMENTS. Requirements identify the pertinent contracted clauses in the contract document itself, or provide an appropriate statement which identifies the additional requirements. Provide a copy of the requirements to the cognizant security office. Use Item 13 if additional space is needed.)

Yes

No

15. INSPECTIONS. Elements of this contract are outside the inspection responsibility of the cognizant security office. (If Yes, explain and identify specific areas or elements carved out and the activity responsible for inspections. Use item 13 if additional space is needed.)

Yes

No

16. CERTIFICATION AND SIGNATURE. Security requirements stated herein are complete and adequate for safeguarding the classified information to be released or generated under this classified effort. All questions shall be referred to the official named below.

a. TYPED NAME OF CERTIFYING OFFICIAL

CHRISTAL FULTON

(b)(6)

b. TITLE

**Chief, Industrial Security Program
Branch**

c. TELEPHONE (Include Area Code)

(b)(6)

d. ADDRESS (Include Zip Code)

**Department of Homeland Security
301 7th & D Street S.W.
Washington D.C. 20528**

e. SIGNATURE

(b)(6)

2/29/2012

17. REQUIRED DISTRIBUTION

a. CONTRACTOR

b. SUBCONTRACTOR

c. COGNIZANT SECURITY OFFICE FOR PRIME AND SUBCONTRACTOR

d. U.S. ACTIVITY RESPONSIBLE FOR OVERSEAS SECURITY ADMINISTRATION

e. ADMINISTRATIVE CONTRACTING OFFICER

f. OTHERS AS NECESSARY

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. P00003	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (if applicable)
6. ISSUED BY Office of Acquisition 701 S 12TH STREET ARLINGTON VA 20598	CODE 20	7. ADMINISTERED BY (if other than Item 6) Human Capital & Finance 701 S 12TH STREET ARLINGTON VA 20598	CODE 01
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Lockheed Martin Services Incorporated Attn: (b)(6) 700 N Frederick Ave Gaithersburg MD 208793328		(X) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
CODE 805258373 FACILITY CODE		X 10A. MODIFICATION OF CONTRACT/ORDER NO. HSTS01-09-D-OSO900 HSTS01-12 J OTT004	10B. DATED (SEE ITEM 13) 02/03/2012

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 _____ copies 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 Schedule

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

CHECK ONE	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) (THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.)
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52-212.4 - Contract Terms and Conditions - Commercial Items (Oct 2003) paragraph (c)
	D. OTHER (Specify type of modification and authority)

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

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

Tax ID Number: 52-1813509

DUNS Number: 805258373

The purpose of this modification is to add five (5) additional labor categories under paragraph B.4 Associated Labor Categories for T&M CLIN 0013 in the task order. Associated Labor Categories for T&M CLIN 0013 is replaced in its entirety with Attachment A.

The addition of the labor categories neither increases nor decreases the total value of the task order.

All other terms and conditions remain the same.

Continued ...

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

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

(b)(6) Senior Contracts Negotiator

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

Marvin Grubbs

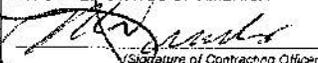
15B. CONTRACTOR/OFFEROR

(b)(6)
Digitally signed by Burden, Roosevelt
DN: dc=com, dc=lmco, dc=us, dc=acc04,
ou=756, ou=Users, cn=Burden, Roosevelt
Serial: 20120313 13:01:58 -0400

15C. DATE SIGNED

4/23/2012

16B. UNITED STATES OF AMERICA


(Signature of Contracting Officer)

16C. DATE SIGNED

4/23/2012

B.4 Associated Labor Categories

CLIN	Labor Categories
CLIN 0013	<p data-bbox="451 369 943 401">#43 Senior Image Technician - (b)(4)</p> <p data-bbox="451 405 724 436">#44 Image Technician</p> <p data-bbox="451 441 951 472">#55 Configuration Management Specialist</p> <p data-bbox="451 476 997 508">#58 Senior Information Technology Specialist</p> <p data-bbox="451 512 992 543">#78 Functional Support Specialist - (b)(4)</p> <p data-bbox="451 548 805 579">#86 Principal Image Engineer</p> <p data-bbox="451 583 776 615">#87 Senior Image Engineer</p> <p data-bbox="451 619 906 651">#88 Scientific Study Designer/Analyst</p> <p data-bbox="451 655 1227 686">#90 Principal Operations Research/Systems Analyst - (b)(4)</p> <p data-bbox="451 690 935 722">#91 Senior Systems Integration Engineer</p> <p data-bbox="451 726 1122 758">#93 Senior .NET/C++/PLSQL Programmer - (b)(4)</p> <p data-bbox="451 762 1174 793">#94 Principal .NET/C++/ PLSQL Programmer - (b)(4)</p> <p data-bbox="451 798 841 829">#97 Senior Engineering Modeler</p> <p data-bbox="451 833 1143 865">#103 Original Equipment Manufacturer (OEM-Engineer I)</p> <p data-bbox="451 869 1154 900">#104 Original Equipment Manufacturer (OEM-Engineer II)</p> <p data-bbox="451 905 1162 936">#105 Original Equipment Manufacturer (OEM-Engineer III)</p> <p data-bbox="451 940 1203 972">#106 Original Equipment Manufacturer (OEM-Field Svc Engr.)</p>

Note: The items in bold print are the added labor categories and prices.