

2. Contract No.	3. Award/Effective Date	4. Order Number	5. Solicitation Number W56HZV-14-R-0002	6. Solicitation Issue Date 2013NOV22
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7. For Solicitation Information Call:	A. Name LEON MORROW	B. Telephone Number (No Collect Calls) (586)282-8434	8. Offer Due Date/Local Time 2013DEC23 05:00pm
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9. Issued By U.S. ARMY CONTRACTING COMMAND WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL Email: LEON.MORROW@US.ARMY.MIL	Code W56HZV	10. This Acquisition is <input type="checkbox"/> Unrestricted OR <input type="checkbox"/> Set Aside: % For: <input type="checkbox"/> Small Business <input type="checkbox"/> Women-Owned Small Business (WOSB) Eligible Under the Women-Owned Small Business Program <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 NAICS: 541330 <input type="checkbox"/> 8(A) Size Standard:
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11. Delivery For FOB Destination Unless Block Is Marked <input type="checkbox"/> See Schedule	12. Discount Terms	<input checked="" type="checkbox"/> 13a. This Contract Is A Rated Order Under DPAS (15 CFR 700)	13b. Rating DXA4
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14. Method Of Solicitation <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP	15. Deliver To Code <input type="text"/> SEE SCHEDULE
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16. Administered By Code <input type="text"/>	17a. Contractor/Offeror Code <input type="text"/> Facility <input type="text"/> Telephone No. <input type="text"/>
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<input type="checkbox"/> 17b. Check If Remittance Is Different And Put Such Address In Offer	18b. Submit Invoices To Address Shown In Block 18a Unless Block Below Is Checked <input type="checkbox"/> See Addendum
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19. Item No.	20. Schedule Of Supplies/Services	21. Quantity	22. Unit	23. Unit Price	24. Amount
	SEE SCHEDULE				
(Use Reverse and/or Attach Additional Sheets As Necessary)					

25. Accounting And Appropriation Data	26. Total Award Amount (For Govt. Use Only)
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<input checked="" type="checkbox"/> 27a. Solicitation Incorporates By Reference FAR 52.212-1, 52.212-4, FAR 52.212-3 And 52.212-5 Are Attached. Addenda	<input checked="" type="checkbox"/> Are <input type="checkbox"/> Are Not Attached.
<input type="checkbox"/> 27b. Contract/Purchase Order Incorporates By Reference FAR 52.212-4, FAR 52.212-5 Is Attached. Addenda	<input type="checkbox"/> Are <input type="checkbox"/> Are Not Attached.

<input checked="" type="checkbox"/> 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.	<input type="checkbox"/> 29. Award Of Contract: Ref. _____ Offer Dated _____. Your Offer On Solicitation (Block 5), Including Any Additions Or Changes Which Are Set Forth Herein, Is Accepted As To Items:
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30a. Signature Of Offeror/Contractor	31a. United States Of America (Signature Of Contracting Officer)		
30b. Name And Title Of Signer (Type Or Print)	30c. Date Signed	31b. Name Of Contracting Officer (Type Or Print)	31c. Date Signed

19. Item No.	20. Schedule Of Supplies/Services	21. Quantity	22. Unit	23. Unit Price	24. Amount

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 No.		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			41c. Date		42b. Received At (Location)		
					42c. Date Rec'd (YY/MM/DD)		42d. Total Containers

Name of Offeror or Contractor:

SUPPLEMENTAL INFORMATION

Buyer Name: LEON MORROW
 Buyer Office Symbol/Telephone Number: CCTA-HTM-M/(586)282-8434
 Type of Contract: Firm Fixed Price
 Kind of Contract: Service Contracts

*** End of Narrative A000 ***

1. This is a sole source solicitation (W56HZV-14-R-0002) to Critical Solutions International (CSI).
2. This solicitation is for the procurement of the Performance Work Statement identified in Section C (DESCRIPTION/SPECIFICATION/WORK STATEMENT) of the solicitation in support of the Husky Mine Protected Ambush Protected (MRAP) vehicle.
3. This solicitation establishes separately priced CLINs 0001AA-0029AA for the Technical Manuals (TMs) and Logistical Support for the Vehicle Mounted Mine Detection (VMMD) Husky MRAP vehicle.
4. Contract Type: Firm-Fixed Price (FFP). All pricing submitted herein is for a Firm-Fixed Price or Prices applicable to CLINS 0001AA-0029AA identified in the solicitation.
4. Delivery Schedule: Deliverable timing will be defined within each CDRL.
5. Please submit proposal no later than 5:00pm eastern standard time 23 December 2013.

*** END OF NARRATIVE A0001 ***

<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1 52.204-4016	WARREN ELECTRONIC CONTRACTING	MAR/2013

(a) All Army Contracting Command - Warren (DTA) solicitations and awards are distributed on the Army Contracting Command - Warren Procurement Network (ProcNet) Business Opportunities website (<http://contracting.tacom.army.mil/opportunity.htm>) and are no longer available in hard copy. The Technical Data Packages (TDPs) and other documents, when available electronically, will be attachments or links to the solicitation package on ProcNet.

(b) You may need to use special software to view documents that we post on ProcNet. This viewing software is freeware, available for download at no cost from commercial websites like Microsoft and Adobe. In cases where such software is required, we provide a link from ProcNet to the commercial site where the software is available. Once you arrive at the software developer's site, follow its instructions to download the free viewer. You can then return to the ProcNet.

(c) Unless directed to do otherwise in Section L of this solicitation, you are required to submit your offer, bid, or quote electronically, via the Army Single Face to Industry (ASFI) Online Bid Response System (BRS). For detailed information about submitting your offer electronically, please see <http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>.

(d) Requirements for the online ASFI bid submission:

(1) You must be registered in the System for Award Management (SAM) at www.sam.gov (a Federal Government owned and operated free web site) and have a CAGE Code and CCR Marketing Partner Identification Number (MPIN).

(2) If you found the solicitation on ProcNet, use the following link to the Start Bid Page on the ASFI BRS website for this solicitation:
https://acquisition.army.mil/asfi/solicitation_view.cfm?psolicitationnbr= W56HZV-14-R-0002

(3) If you found the solicitation by searching on ASFI, you can start the online bidding process by using the Start Bid button on the ASFI Solicitation View page. You may also access the ASFI BRS by going to <https://acquisition.army.mil/asfi/> and clicking on the Contracting Opportunities Search to find the solicitation.

(4) Once in the ASFI BRS, you will be asked to enter basic information and will then be directed to upload one or more files containing your offer and information required by the solicitation.

(5) You will receive a confirmation of your bid upon completion of the bid submission process.

CONTINUATION SHEET

Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	SUPPLIES OR SERVICES AND PRICES/COSTS				
0001	REVISED TECHNICAL MANUAL				
0001AA	<p><u>OPERATORS MANUAL (TM 9-2355-316-10)</u></p> <p>GENERIC NAME DESCRIPTION: REVISED TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF TM 9-2355-316-10, OPERATOR MANUAL SHALL BE IAW CDRL A037.</p> <p style="text-align: center;">(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	REVISED TECHNICAL MANUAL				
0002AA	<p>FIELD MAINTENANCE MANUAL (TM 9-2355-316-23)</p> <p>GENERIC NAME DESCRIPTION: REVISED TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF TM 9-2355-316-23, FIELD MAINTENANCE MANUAL SHALL BE IAW CDRL A038.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
PIIN/SIIN W56HZV-14-R-0002 **MOD/AMD**

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	REVISED TECHNICAL MANUAL				
0003AA	<p><u>FIELD MAINTENANCE RPSTL (TM 9-2355-316-23P)</u></p> <p>GENERIC NAME DESCRIPTION: REVISED TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF TM 9-2355-316-23P, FIELD MAINTENANCE RPSTL SHALL BE IAW CDRL A039.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
PIIN/SIIN W56HZV-14-R-0002 **MOD/AMD**

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	REVISED TECHNICAL MANUAL				
0004AA	<p><u>LUBRICATION INSTRUCTION (LO 9-2355-316-13)</u></p> <p>GENERIC NAME DESCRIPTION: REVISED TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF LO 9-2355-316-13, LUBRICATION INSTRUCTION SHALL BE IAW CDRL A040.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005	REVISED TECHNICAL MANUAL				
0005AA	<p><u>OPERATOR AND FIELD MANUAL INCLUDING A RPSTL</u></p> <p>GENERIC NAME DESCRIPTION: REVISED TECHNICAL MANUAL</p> <p>DELIVERIES AND PERFORMANCE OF TM-9-2330-338-13&P, OPERATOR AND FIELD MANUAL INCLUDING RPSTL SHALL BE IAW CDRL A041.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0006	REVISED TECHNICAL MANUAL				
0006AA	<p><u>TRANSMISSION NMWR WITH RPSTL (NMWR X-XXXX-XXX)</u></p> <p>GENERIC NAME DESCRIPTION: REVISED TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF NMWR 9-2355-377, TRANSMISSION NMWR W/RPSTL SHALL BE IAW CDRL A042.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0007	NEW TECHNICAL MANUAL				
0007AA	<p><u>ARMOR SOLUTION (TM X-XXXX-XXX-13&P)</u></p> <p>GENERIC NAME DESCRIPTION: NEW TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF TM X-XXXX-XXX-13&P, ARMOR SOLUTION SHALL BE IAW CDRL A043.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0008	NEW TECHNICAL MANUAL				
0008AA	<p><u>HAND RECEIPT (HR X-XXXX-XXX-10)</u></p> <p>GENERIC NAME DESCRIPTION: NEW TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF HR X-XXXX-XXX-10, HAND RECEIPT SHALL BE IAW CDRL A044</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0009	NEW TECHNICAL MANUAL				
0009AA	<p>ENGINE NWMRS WITH RPSTL (NMWR X-XXXX-XXX)</p> <p>GENERIC NAME DESCRIPTION: NEW TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF NMWR X-XXXX-XXX, ENGINE NWMRS W/RPSTL SHALL BE IAW CDRL A045.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0010	NEW TECHNICAL MANUAL				
0010AA	<p><u>HUSKY VEHICLE NMWR WITH RPSTL (NMWR X-XXXX-XXX)</u></p> <p>GENERIC NAME DESCRIPTION: NEW TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF NMWR X-XXXX-XXX, HUSKY VEHICLE NMWR W/RPSTL SHALL BE IAW CDRL A046.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0011	NEW TECHNICAL MANUAL				
0011AA	<p>WARRANTY TB (TB X-XXXX-XXX)</p> <p>GENERIC NAME DESCRIPTION: NEW TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF TB X-XXXX-XXX, WARRANTY TB SHALL BE IAW CDRL A047.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0012	CONVERTED TECHNICAL MANUAL				
0012AA	<p>HUSKY VEHICLE & (MDT) PACKING AND UNPACKING</p> <p>GENERIC NAME DESCRIPTION: CONVERTED TECHNICAL MANUAL CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF TB 9-2355-316-13 CONVERTED TO TM X-XXXX-XXX-13&P, HUSKY VEHICLE AND MINE DETONATION TRAILER (MDT) PACKING AND UNPACKING SHALL BE IAW CDRL A048.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
PIIN/SIIN W56HZV-14-R-0002 **MOD/AMD**

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0013	MANAGEMENT AND ADMINISTRATION				
0013AA	<p><u>MANAGEMENT AND ADMINISTRATION</u></p> <p>GENERIC NAME DESCRIPTION: MANAGEMENT AND ADMINISTRATION CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0013AA SHALL BE IAW THE FOLLOWING CDRLS:</p> <p>A001 AGENDAS A002 MINUTES A003 PERFORMANCE REPORT A004 INTERNAL ORGANIZATIONAL LIST A005 INTEGRATED MASTER SCHEDULE (IMS) A006 LOGISTICS QUALITY PLAN</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0014	MAINTENANCE & SUPPORTABILITY				
0014AA	<p>MAINTENANCE _____</p> <p>GENERIC NAME DESCRIPTION: MAINTENANCE & SUPPORTABILITY CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0014AA SHALL BE IAW THE FOLLOWING CDRLS:</p> <p>A010 MAINTENANCE PLANNING A011 SUPPORTABILITY ANALYSIS A012 MAINTENANCE ANALYSIS A013 LEVEL OF REPAIR ANALYSIS (LORA) A014 MAINTENANCE ALLOCATION CHART (MAC) A015 COMPONENTS OF END ITEM (COEI) A016 BASIC ISSUE ITEMS (BII) A017 EXPENDABLE AND DURABLE ITEMS LIST (EDIL) A018 ADDITIONAL AUTHORIZED LIST (AAL) A019 LONG LEAD TIME ITEMS (LLTI) A020 MANDATORY REPLACEMENT PARTS LIST (MRPL)</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0015	SUPPORT EQUIP, TOOLS & TEST				
0015AA	<p>SUPPORT EQUIPMENT, TOOLS, & TEST</p> <p>GENERIC NAME DESCRIPTION: SUPPORT EQUIP, TOOLS & TEST CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0015AA SHALL BE IAW THE FOLLOWING CDRLS:</p> <p>A021 SUPPORT EQUIPMENT, TOOLS, AND TEST EQUIPMENT (SITE) A022 ELECTRONIC DIAGNOSTICS TESTABILITY ANALYSIS</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0016	PROVISIONING				
0016AA	<p><u>PROVISIONING</u></p> <p>GENERIC NAME DESCRIPTION: PROVISIONING CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0016AA SHALL BE IAW THE FOLLOWING CDRLS:</p> <p>A023 PROVISIONING PLAN A024 PROVISIONING PARTS LIST (PPL) A025 ENIGNEERING DATA FOR PROVISIONING (EDFP) A026 PRE-PROCUREMENT SCREENING (PPS) A027 FOREIGN SOURCES OF SUPPLY NOTICE A028 CLEAN/GREEN HARDWARE CERTIFICATION A029 CLEAN/GREEN HARDWARE EXCEPTION A030 CLEAN/GREEN HARDWARE NSN SPLIT</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0017	PKG/HAND/STOR/TRANS (PHS&T)				
0017AA	<p><u>PACKAGING/HANDLING/STORAGE/TRANSPORTATION (PHS&T)</u></p> <p>GENERIC NAME DESCRIPTION: PKG/HAND/STOR/TRANS (PHS&T) CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0017AA SHALL BE IAW THE FOLLOWING CDRLS:</p> <p>A031 LOGISTICS PRODUCT DATA - PACKAGING A032 SPECIAL PACKAGING INSTRUCTION (SPI) A033 PACKAGING TEST REPORT A034 EQUIPMENT PRESERVATION DATA SHEETS (EPDS) A035 VALIDATION OF EPDS</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0018	GENERAL PUBLICATIONS				
0018AA	<p><u>GENERAL PUBLICATIONS</u></p> <p>GENERIC NAME DESCRIPTION: GENERAL PUBLICATIONS CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0018AA SHALL BE IAW THE FOLLOWING CDRLS:</p> <p>A007 TECHNICAL MANUAL PLAN A008 TECHNICAL MANUAL QUALITY ASSURANCE (TMQA) PROGRAM PLAN A036 COPYRIGHT RELEASE A049 VALIDATION PLAN A050 VALIDATION REPORT A051 CERTIFICATE OF VALIDATION A052 DISCREPANCIES - GOV TDSs & CONTRACTOR TM/NMWR</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0019	NEW EQUIPMENT TRAINING (NET)				
0019AA	<p><u>NEW EQUIPMENT TRAINING (NET)</u></p> <p>GENERIC NAME DESCRIPTION: NEW EQUIPMENT TRAINING (NET) CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0019AA SHALL BE IAW THE FOLLOWING CDRLS:</p> <p>A053 CRITICAL TASK LIST A054 MAINTAINER TASKS A055 OPERATOR MAINTAINER NET PACKAGE A056 FIELD LEVEL MAINTAINER NET PACKAGE A057 PROGRAM OF INSTRUCTION (POI) - OPERATOR A058 PROGRAM OF INSTRUCTION (POI) - MAINTAINER A059 TRAINING SUPPORT PACKAGE (TSP) - OPERATOR A060 TRAINING SUPPORT PACKAGE (TSP) - FIELD LEVEL MAINTAINER A061 INSTRUCTOR GUIDE - OPERATOR A062 INSTRUCTOR GUIDE - FIELD LEVEL MAINTAINER A063 STUDENT GUIDE - OPERATOR A064 STUDENT GUIDE - FIELD LEVEL MAINTAINER A065 TEST QUESTIONS KEY - OPERATOR A066 TEST QUESTIONS KEY - FIELD LEVEL MAINTAINER A067 TRAINING CERTIFICATE</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0020	DMSMS MANAGEMENT PLAN				
0020AA	<p><u>DIMINISHING MANF SOURCES AND MAT SHORTAGES (DMSMS)</u></p> <p>GENERIC NAME DESCRIPTION: DMSMS MANAGEMENT PLAN CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0020AA SHALL BE IAW THE FOLLOWING CDRL:</p> <p>A009 ENGINEERING BILL OF MATERIAL (E-BOM) A068 DMSMS MANAGEMENT PLAN</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0021	CPCP				
0021AA	<p><u>CORROSION PREVENTION AND CONTROL PLAN (CPCP)</u></p> <p>GENERIC NAME DESCRIPTION: CPCP</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0021AA SHALL BE IAW CDRL A077.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

CONTINUATION SHEET

Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-14-R-0002 MOD/AMD

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0022	FIELD MAINTENANCE TOOL KIT FSCM: XX PART NR: XXX-XXXX				
0022AA	<p>FAT - FMTK SUPPLEMENTAL KIT</p> <p>GENERIC NAME DESCRIPTION: FIELD MAINTENANCE TOOL KIT</p> <p>SUPPLEMENTAL FMTK SHALL BE IAW SOW SECTION 18.0.</p> <p>SEE SECTION F FOR DELIVERY INSTRUCTIONS.</p> <p style="text-align: center;">(End of narrative B001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING CLAUSE 52.211-4517 LEVEL PRESERVATION: Military LEVEL PACKING: Commercial</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination Government Approval/Disapproval Days: 45</p> <p>FOB POINT: Destination</p> <p>SHIP TO: (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</p>			\$ _____	\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0023	FIELD MAINTENANCE TOOL KIT FSCM: XX PART NR: XXX-XXXX				
0023AA	<p>FAT - FMTK COMPLETE KIT</p> <p>GENERIC NAME DESCRIPTION: FIELD MAINTENANCE TOOL KIT CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>COMPLETE FMTK SHALL BE IAW SOW SECTION 18.0. SEE SECTION F FOR DELIVERY INSTRUCTIONS. (End of narrative B001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING CLAUSE 52.211-4517 LEVEL PRESERVATION: Military LEVEL PACKING: Commercial</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination Government Approval/Disapproval Days: 45</p> <p>FOB POINT: Destination</p> <p>SHIP TO: (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</p>			\$ _____	\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0024	TDP FMTK				
0024AA	<p><u>TECHNICAL DATA PACKAGE (TPD) FMTK</u></p> <p>GENERIC NAME DESCRIPTION: TDP FMTK</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0023AA SHALL BE IAW THE FOLLOWING CDRLS:</p> <p>A069 TOOL LAYOUT PLAN A070 INDIVIDUAL TOOL IMAGES A071 SET IMAGES A072 COPYRIGHT RELEASE LETTER A073 TECHNICAL DATA PACKAGE (TDP)</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				\$ _____

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Reference No. of Document Being Continued
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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0025	TRAINING AID SETS FSCM: X PART NR: XX-XXX-XXXX				
0025AA	<p><u>FAT - TRAINING AID SETS</u></p> <p>GENERIC NAME DESCRIPTION: TRAINING AID SETS CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>TRAINING AIDS SHALL BE IAW SOW SECTION 15.4. SEE SECTION F FOR DELIVERY INSTRUCTIONS. (End of narrative B001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE CLAUSE 52.211-4517 LEVEL PRESERVATION: Military LEVEL PACKING: Commercial</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination Government Approval/Disapproval Days: 45</p> <p>FOB POINT: Destination</p> <p>SHIP TO: (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</p>			\$ _____	\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0026	OPTION - HFEA				
0026AA	<p><u>OPTION - HUMAN FACTOR ENGINEERING ANALYSIS (HFEA)</u></p> <p>GENERIC NAME DESCRIPTION: OPTION - HFEA CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0026AA SHALL BE IAW CDRL A074.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p>				\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0027	OPTION - SAR				
0027AA	<p>OPTION - SAFETY ASSESSMENT REPORT (SAR)</p> <p>GENERIC NAME DESCRIPTION: OPTION - SAR</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0027AA SHALL BE IAW CDRL A075.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p>				\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0028	OPTION - HMMR				
0028AA	<p>OPTION - HAZARDOUS MATERIALS MANAGEMENT REPORT (HMMR)</p> <p>GENERIC NAME DESCRIPTION: OPTION - HMMR</p> <p>DELIVERIES AND PERFORMANCE OF CLIN 0028AA SHALL BE IAW CDRL A076.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p>				<p>\$ _____</p>

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0029	CMR				
0029AA	<p><u>CONTRACTOR MANPOWER REPORTING</u></p> <p>GENERIC NAME DESCRIPTION: CMR CLIN CONTRACT TYPE: No Cost</p> <p>CONTRACTOR MANPOWER REPORTING (CMR) WILL BE IN ACCORDANCE WITH (IAW) CLAUSE 52.237-4000.</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p>				<p>\$ _____ ** NSP **</p>

Name of Offeror or Contractor:

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

1.0 Scope

1.1 Purpose: The Contractor shall provide the Government with the development, updates and revisions of all Logistical Requirements and data in support of the Program of Record (PoR) Husky M1231, NSN: 2355-01-581-5174 configuration as defined by the Government. The Government will provide the Contractor, Government Furnished Information (GFI) and Government Furnished Equipment (GFE) as defined within this Performance Work Statement.

1.2 Background: The current logistics data, dated 2012, requires updates due to recently approved ECPs, field update request, and mistakes in identified current log data.

2.0 Applicable Documents

2.1 Document Availability: The Logistics data preparation requirements and the delivery requirements are described below. The specifications shown below shall be used for the development of logistics documentation in this PWS. The following specifications and standards form a part of this document to the extent specified. Unless otherwise specified, the versions of these documents shall be those in the Department of the Defense Index of Specifications and Standards (DODISS) and supplements in effect at the time of award. Copies of these documents are available online at <http://assist.daps.dla.mil/quicksearch/>, <http://www.usapa.army.mil/>, or <http://www.tradoc.army.mil/tpubs/regndx.htm>.

2.2 Department of Defense Specifications:

<u>Document Number</u>	<u>Document Title</u>
DI-SAFT-80102B	Safety Assessment Report
DI-PACK-80121C	Special Packaging Instructions (SPI)
DI-MISC-80177B	Bar Code Identification Report
DI-ILSS-80395	Integrated Support Plan (ISP)
DI-PACK-80457	Packaging Test Report
DI-MISC-80508B	Technical Reports Study / Services
DI-ILSS-80532	System Support Package Component List
DI-CMAN-80640C	Request for Deviation (RFD)
DI-MISC-80678	Certification Data Report
DI-MISC-80711A	Scientific and Technical Reports
DI-MISC-80759A	Contractor Validation Plan
DI-CMAN-80792A	Contractor Validation Report
DI-NDTI-80809B	Test / Inspection Report
DI-ALSS-80868	Special Tools Test Equipment (STTE)
DI-ILSS-80872	Training Materials
DI-SESS-80776	Technical Data Package
DI-PACK-80880D	Transportability Report
DI-PACK-81000E	Product Drawings/Models and Associated List
DI-FNCL-81116	Manhour Estimate, Technical Cost Proposal
DI-ADMN-81249A	Conference Agenda
DI-QCIC-81379	Quality System Plan
DI-MISC-81391	Analytical Condition Inspection Report
DI-ADMN-81505	Report, Record of Meeting/Minutes
DI-MISC-81397B	Hazardous Materials Management Program (HMMP) Report Using NAS 411
DI-MFFP-80508B	Technical report Study/Services
DI-SESS-81518B	Instructional Performance Requirements Document
DI-SESS-81523B	Training Conduct Support Document
DI-ALSS-81529	Logistics Management Information Data Products
DI-SESS-81656	Source Data for Forecasting Diminishing Manufacturing Sources and Material Shortages (DMSMS)
DI-SESS-81758	Logistics Product Data
DI-SESS-81759	Logistics Product Data Summaries
DI-TMSS-81813	Technical Manual Book Plan
DI-TMSS-81817	Technical Manual Quality Assurance (TMQA) Program Plan
DI-TMSS-81818	Contractor Validation Plan
DI-TMSS-81819A	Contractor Validation Certificate
DI-TMSS-81820	TM Discrepancy/Disposition Record

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DI-MGMT-81861 Integrated Program Management Report (IPMR)
DI-SESS-81872 Level of Repair Analysis (LORA) Report
DI-SESS-81874 Engineering Data for Provisioning (EDFP)
TechAmerica-STD-0016 Standard for Preparing a Diminishing Manufacturing Sources and Material Shortages (DMSMS) Management Plan

2.3 Department of Defense Standards/Handbooks

<u>Document Number</u>	<u>Document Title</u>
MIL-DTL-31000D	Technical Data Packages (TDP)
MIL-STD-40051-2B	Operator and Field Maintenance Technical Manual including Repair Parts and Special Tools List (RPSTL)
MIL-PRF-63002K	Manuals, Technical: Requirements for Preparation of Modification Work Order
MIL-PRF-63004D	Lubrication Orders
MIL-HDBK-1222E	Guide to the General Style and Format of U.S. Army Work Package Technical Manuals
MIL-HDBK-2361C	Army Digital Publications Development Implementation Guide
GEIA-STD-0007	Logistics Products Data
MIL-STD 129P (4)	Military Marking for Shipment and Storage
MIL-STD-130N	Identification Marking of U.S. Military Property
MIL-STD-2073-1D	Standard Practice for Military Packaging
MIL-HDBK-29612-2A	Instructional Systems Development/Systems Approach To Training And Education
MIL-STD-38784A	Manuals, Technical: General Style and Format
MIL-PRF-63002K	Requirements for Preparation of Modification Work Orders
MIL-HDBK-502A	Acquisition Logistics
MIL-HDBK-61A	Military Handbook Configuration Management Guide
MIL STD 1366	Interface Standard for Transportability Criteria

2.4 Other Government Publications

<u>Document Number</u>	<u>Document Title</u>
DA PAM 700-60	Department of the Army SKO
DA PAM 700-21	TMDE Register Index
AMC-P 700-25	Guide to Provisioning
ASTM D4169	Standard Practice for Performing Testing of Shipping Containers
CFR 29, 40, 49	Code of Federal Regulations
QAPG	Quality Assurance Provisioning Guidance
TB 750-93-1	Functional Group Codes (FGC) Technical Bulletin
AR 750-1	Army Material Maintenance Policy
AR 700-18	Provisioning of US Army Equipment
AR 700-82	Joint Regulation SMR Codes
DA PAM 750-1	Commanders Handbook
DA PAM 750-8	The Army Maintenance Management Systems (TAMMS) Technical Bulletin
AR 25-30	The Army Publishing Program
AR 700-127	Integrated Logistics Support
GPO-Style Manual	US Government Printing Office, Style Manual
RCV-Style Guide	Assured Mobility Publications, Style Guide
DoD 5230.24	Distribution Statements on Technical Documents
DOD 4100.39-M, Vol. 10	Federal Logistics Information system (FLIS) Procedures Manual multiple Application

Name of Offeror or Contractor:

TRADOC REG 350-70	References / Instructions / tables and Grids)
ISO 9001:2008	Total Army Training System
DFARS 252.211-7003	International Standards Organization (ISO)
	Defense Federal Acquisition Regulations System
MTMCTEA Pam 70-1	Military Traffic Management Command, Transport Engineering Agency, Pamphlet 70- , Transportability for Better Deployability
MIL-PRF-29612B	Training Data Products
CPC SPIRAL 3	Corrosion Prevention and Control Planning Guidebook - Spiral 3

3.0 Requirements

3.1 Contract Objective:

3.1.1 The Contractor shall develop all logistics data as described within the Performance Work Statement (PWS). The Contractor shall update all information to include all configuration changes incorporated into production prior to March 2013. The Contractor is responsible to create all new and update all existing logistics documentation for this effort. The Government requires complete ILS development, provisioning, technical publications, and STTE required under this effort.

3.1.2 The following ECPs shall be incorporated into all of the Logistics documentation developed under this PWS:

- 3.1.2.1 ECP 015 Husky Roof Assist
- 3.1.2.2 ECP 018 Front Step Assembly
- 3.1.2.3 ECP 025 Integration of Ink Marking Nozzles with Detector Heads
- 3.1.2.4 ECP 032 Windshield Wiper Upgrade
- 3.1.2.5 ECP 038 Husky Quick Disconnect Coupler
- 3.1.2.6 ECP 039 Removal of 4-Man Lift Label
- 3.1.2.7 ECP 040 Allison 2500SP Transmission Upgrade from MY09 to MY10
- 3.1.2.8 ECP 041 MDT Data Plates
- 3.1.2.9 ECP 042 Load Classifications
- 3.1.2.10 ECP 045 49 CFR Compliant Handheld Fire Extinguishers
- 3.1.2.11 ECP 046 AFES Manual Activation Switch Tamper Seal

3.2 The following information shall also be incorporated into the Logistics documentation updates:

- 3.2.1 Snow Chains
- 3.2.2 MY10 Allison 2500SP Transmission
- 3.2.3 RG-31 Allison 2500S Conversion Transmission
- 3.2.4 Seats and Seat Belts
- 3.2.5 Standard Automotive Tool Set (SATS) and Forward Repair System (FRS) (USG)3.2.6 Steering Gear Box Adjustment
- 3.2.7 Hydraulic Steering Coupler Upgrade
- 3.2.8 Removal of Drivers Vision Enhancement (DVE)
- 3.2.9 MiniDiag2 Upgrade
- 3.2.10 Allison Doc Software Upgrade
- 3.2.11 Long Life Reusable Containers (LLRC) (See 9.1.7)
- 3.2.12 End Item Shipping and Storage Containers (C.6.7)

3.3 Government Furnished:

3.3.1 The Government will provide limited information and equipment to support the creation of logistics documents as identified in the paragraphs below. All GFI and GFE will be furnished within four (4)\-weeks of contract award. If the Government does not identify the information as furnished, the Contractor shall anticipate it is the Contractors responsibility to purchase or obtain any tools or equipment necessary to support this contract action.

3.3.2 Government Furnished Information (GFI):

The following list provides the Governments anticipated availability of GFI data, in days, following the Start of Work Meeting:

- 00 Days Snow Chains (USG)
- 00 Days DOT Fire Extinguishers and Brackets (USG)
- 00 Days MY10 Allison 2500SP Transmission (RSD/CSI)
- 00 Days MY09/10 Allison 2500SP Transmission (RSD/CSI)

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- 00 Days RG-31 Allison 2500S Conversion Transmission (USG)
- 00 Days Driver Access Cover Lift Assist (RSD/CSI)
- 00 Days Wiper Blade (RSD/CSI)
- 00 Days Seat and Seat Belts (USG)
- 00 Days MDT Data Plates
- 00 Days AFES Safety Seal (Manual Discharge Button) (USG)
- 00 Days SATS and FRS (USG)
- 00 Days Hydraulic Steering Coupler Upgrade (RSD/CSI)
- 00 Days Removal of Driver Vision Enhancement (DVE) (USG)
- 00 Days MiniDiag2 upgrade (USG)
- 00 Days Allison Doc software upgrade (RSD/CSI)
- 00 Days - 57K Kit Drawing Numbers for Field Maintenance Tool Kit
- 15 Days LO 9-2355-316-13 (USG)
- 15 Days Technical Bulletin (TB) 9-2355-316-13 (USG)
- 15 Days Technical Manual (TM) 9-2355-316-10 (USG)
- 15 Days TM 9-2355-316-23P (USG)
- 15 Days TM 9-2355-316-23-1(USG)
- 15 Days TM 9-2355-316-23-2 (USG)
- 15 Days TM 9-2355-316-23-3 (USG)
- 15 Days TM 9-2330-338-13&P (USG)
- 15 Days National Maintenance Work Requirement (NMWR) 9-2355-377 (USG)
- 15 Days SPECIAL PACKAGING INSTRUCTIONS (SPI)
- 15 Days EQUIPMENT PRESERVATION DATA SHEET (EPDS)
- 15 Days ELECTRONIC PACKAGING DATA SYSTEM (MS ACCESS APPLICATION)
- 30 Days Guidance on Steering Gear Box Adjustment task and additional troubleshooting step(s) (USG)

3.3.3 Government Furnished Equipment (GFE) The following list provides the Governments anticipated availability of GFE, in days, following the Start of Work Meeting:

- 10 Days Qty 2 Husky M1231, containerized, NSN 2355-01-581-5174
- 10 Days Qty 1 Red Pack, containerized, NSN: 2541-01-560-2332
- 10 Days Qty 1 Mine Detonation Trailer (MDT) Set, containerized, NSN: 2330-01-529-4229
- 30 Days Qty 1 Husky Field Maintenance Tool Kit, NSN: 5140-01-585-3102

- 90 Days - Qty 3 Training Aid Set (1 set contains: Qty 2: Control Box, Pulse MANP: 2000-40026-33:1N5S7, Qty 2 Indicator Light: 01-589-2241, Qty 1: Breakout Box Assembly 500-0275; 1N5S7 [Breakout Box assembly included: 500-0270, 500-0271, 500-0272, and 500-0273])

3.4 Management and Administration

3.4.1 Contractor Management:

3.4.1.1 The Contractor shall comply with the Department of Defense (DoD) Regulations, specifications, and requirements identified herein. The Contractor is responsible for meeting all of the requirements defined in the contract and corresponding CDRIs.

3.4.1.2 The Contractor shall be responsible for the time keeping, security clearance, administration, travel arrangements, management, and conduct of all persons they employ.

3.4.1.3 The Contractor is responsible for the management, oversight, and control of subcontractor and their performance in support of this effort.

3.4.1.4 The Contractor shall establish a program management office function and in support of this contract effort designate a Contractor Integrated Logistics Support Manager (C-ILSM) to manage all technical performance, schedule, ILS, data, and hardware delivery. The C-ILSM shall be responsible for corresponding with the Governments ILSM and COR for day-to-day management of this effort. The Contractor shall establish and maintain management operations consisting of the following areas:

- 3.4.1.4.1 Program Planning and Control
- 3.4.1.4.2 Subcontractor Control
- 3.4.1.4.3 Data Management
- 3.4.1.4.4 Management and Accountability for GFE/GFI
- 3.4.1.4.5 Risk Management
- 3.4.1.4.6 Quality Assurance

3.4.1.5 Contractor Quality Control: The Contractor shall implement and maintain an effective quality control program to ensure services are performed in accordance with this PWS. The Contractor shall implement procedures to identify and prevent or ensure non-recurrence

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of defective services. The Contractors quality control program is the means of assuring the work complies with the requirement of this PWS. The Contractor is responsible to ensure the quality of all documentation prior to submittal to the Government. The Contractor shall have effective quality controls in place. The Contractor shall perform sufficient and proper validation of data (See C.4.8) submitted to the Government. If the Government finds that there has not been sufficient and proper validation of data, or that the quality controls in place are not effective, the Government will cease review of documentation and the data submittal will be rejected and not considered for acceptance until the data is corrected by the Contractor.

3.4.2 Government Program Management:

3.4.2.1 The Government will manage and monitor this contract through the use of meetings, document review, the Governments Quality Assurance Surveillance Plan (QASP), and visits to Contractors facilities. The term days (i.e. days after contract award, days before event) referenced in the PWS is understood to be calendar days, except as otherwise required.

3.4.2.2 The Procurement Contracting Officer (PCO) has the overarching responsibility and final approving authority for this contract. Only the Government PCO is authorized to modify or change this PWS.

3.4.2.3 The Contracting Officer Representative (COR) is the appointed administrator designated in accordance with DFARS 201.602-2 for receipt and commentary for all CDRL deliverables, Wide Area Work Flow (WAWF) payment approvals, and is the voice of the Support Integrated Product Team (SIPT). The COR appointment information will be provided to the Contractor at the time of Contract Award. The Government will provide notice to the Contractor of any changes to who the appointed COR is within 5 days of the new CORs appointment. The COR is not authorized to make any commitments or changes that will affect price, quantity, delivery or any other term or condition of this PWS.

3.4.2.4 All guidance provided by the Government will be submitted through the COR or PCO. Any guidance provided by any other Government representative should immediately be brought to the COR/PCOs attention for concurrence or rejection of the guidance, along with copying the Government System Acquisition Manager (SAM) and Government ILSM (G-ILSM).

3.4.2.5 The Government Contract specialist shall be included on all submittals for documentation and tracking purposes.

3.4.3 Administration:

3.4.3.1 Contractor Access: To support this effort, the Contractor may request on-line access to certain Government systems. Prior to receiving access, the Contractor must ensure that the personnel assigned to these tasks have been cleared to have such access through a Government security investigation. Foreign Nationals will be approved on a case by case basis. Contractor access to the on-line systems will be revoked if actions of the personnel assigned are found to be in conflict with the interests of the Government. All requests shall be submitted for COR signature concurrence. The Contractor shall obtain a Common Access Card (CAC) to support this contract. All personnel requiring access to SharePoint or Government facilities shall request a CAC through the Contractor Verification System (CVS) to the COR.

3.4.3.2 Data and Software Requirements:

3.4.3.2.1 The Contractor shall prepare each data submittal as described in the Data Item Descriptions (DID) and the Contract Data Requirements List (CDRL).

3.4.3.2.2 Data Items shall be submitted in American English.

3.4.3.2.3 Data Items shall be submitted in Windows XP/Microsoft compatible files.

3.4.3.2.4 Hardcopy Deliveries: The Government will provide the Contractor with the specifics for each office for hard-copy submissions. The two primary locations the Contractor shall deliver hard-copy submissions to are the following addresses.

3.4.3.2.4.1 AMSTA-LCC-MAI: US ARMY TACOM LCMC, 6501 E. 11 Mile Rd, Bldg 231, 3rd Floor, Mail Stop 528, ATTN: AMSTA-LCC-MAI, Husky Program, C/O Aaron Geister, Warren, MI 48397-5000.

3.4.3.2.4.2 SFAE-CSS-MR-A: US ARMY TACOM LCMC, 6501 E. 11 Mile Rd, Bldg 252, Mail Stop 808, ATTN: SFAE-CSS-MR-A, Husky Program, C/O COR, Warren, MI 48397-5000.

3.4.3.2.4.3 The Contractor shall annotate all CD-ROMs with the following information:

3.4.3.2.4.3.1 Contract Number

3.4.3.2.4.3.2 CDRL Number and Name or Name and Event

3.4.3.2.4.3.3 Delivery Type (Initial, Draft, Revision, Final)

3.4.3.2.4.3.4 Date

3.4.3.2.4.3.5 Contractor Name

3.4.3.2.4.3.6 System Name

3.4.3.2.4.3.7 Unclassified/FOUO

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3.4.3.2.4.3.8 Distribution Statement X (see C.3.4.3.4 to determine correct distribution)

3.4.3.2.5 Electronic Deliveries: This Contract will be supported using the US Army TACOM LCMC, PM AMS SharePoint Page. The Contractor shall submit all deliverables and information exchange electronically into SharePoint. Zip files are permitted, if the submission requires multiple individual files. The Contractor shall name all electronic submissions in the following manner:

Contract - CDRL Number Subtitle of CDRL + Submission Number - Submission Item Name Day of Submission.

3.4.3.2.5.1 Contract: The last 7 alphanumeric code of the contract number

3.4.3.2.5.2 CDRL Number: shall be exactly as appears on the CDRL

3.4.3.2.5.3 Subtitle of CDRL: Shall be exactly as appears on the CDRL

3.4.3.2.5.4 Submission Number: Is 4 to 5 alphanumeric code indicating submission/resubmission number. An S indicates a first-time submission, an RS indicates a Resubmission. The submission number shall be 3 digits long (i.e. 001, 010); the resubmission number shall be the same 3 digits long with an extension corresponding to the resubmission number (i.e. 001.1, 010.1, 001.2).

3.4.3.2.5.5 Submission Item Name: Shall indicate what the item is and the type of submission (i.e. Draft, Final, Conference Package, etc.)

C.3.4.3.2.5.6 Day of Submission: Shall be DDMonthYYYY (the month shall be spelled out in alpha characters)

Example: 13D0013 A0003 Critical Task List S001 - Draft CTL 09May2013

Example: 13D0013 A0019 - Special Packaging Instructions (SPI) RS003 Draft Husky PI Box Revision 09May2013

3.4.3.3 Operations Security (OPSEC) Review: All data and documentation submitted under this contract will be subject to OPSEC review. The Contractor shall consider its data OPSEC sensitive and shall notify the PCO of any request for data from any other agency or entity. Prior to public release all data (to include assembly instructions, photographs, technical manuals, etc) must undergo review if the Distribution Statement is selected as A (see 3.4.3.4).

3.4.3.4 Distribution Statements: The Government will use DoDI 5230.24, Distribution Statements on Technical Documents, to determine the appropriate Distribution Statement that should be placed on documentation created under this effort. Note that different products delivered under this effort may require different Distribution Statements the Contractor shall identify any unique requirements, utilizing DoDI 5230.24, Enclosure 4, and Table 5 as supporting rationale for its recommended Distribution Statement and are subject to Government approval. For any distribution statement, other than A (see C.3.4.3.3), the controlling DoD Office is AMSTA-LCC-MA, Program Name, 6501 E. 11 Mile, Warren, MI 48397-5000. The Government shall confirm to the Contractor at the Start of Work meeting the appropriate Distribution Statements for each CDRL.

3.4.3.5 Correction of Errors: The Contractor shall correct all errors found in the TMs, TSP, ETMs, logistics documents, and electronic data files resulting from Government reviews, tests, verification, demonstrations, or assessments at no additional cost to the Government.

3.4.3.6 Rework: The Contractor shall submit contract deliverables throughout the life of the contract in accordance with Attachment 0001 Contract Data Requirements List, which are subject to acceptance or rejection by the COR or PCO. Contract deliverables that are rejected shall be reworked by the Contractor before re-submittal to the Government for review of rework and acceptance. Therefore rework is defined as any deliverable rejected that is returned to the Contractor to be reworked to meet contract acceptance criteria by the Government. The Contractor shall correct all errors found in the data delivered and the electronic data files as a result of Contractor and Government reviews, test or validation/verification at no additional cost to Government in accordance with the schedule identified in the corresponding CDRL. The Contractor shall resubmit corrected data within prescribed calendar days in accordance with corresponding CDRLs. Non-compliance shall be subject to the Government assessing an equitable adjustment to the contract and will not be subject to any additional cost to the Government.

3.4.3.7 Receipt and Acceptance: It shall be understood that submission of an item does not constitute receipt by the Government. The COR will provide written notice to the Contractor of receipt. It shall be understood that Government receipt of documentation does not constitute acceptance. Government acceptance of documentation hinges on the completeness, accuracy, compatibility of submitted documentation, and compliance with the military specifications and standards (See C.2.0). The Contractor shall carefully review all data explained in the applicable PWS paragraphs to fully understand what the Government is basing its acceptance of documentation on. The COR will provide written notice to the Contractor as to the status of its submission within the review time outline in the applicable CDRL. The Government reserves the right to withhold payment if data deliverables are delinquent. The Contractor shall be responsible for ensuring all data deliverables required in this scope of work are completed and accurate in order to meet the requirements specified within this scope of work for final Government acceptance.

3.4.3.8 TM Authority: AMSTA-LCC-MAI is the designated Government TM, RPSTL, provisioning, and maintenance acceptance activity. If the Contractor receives comments or corrections from Government activities other than the Government acceptance activity, the Contractor shall forward these comments and corrections to the PCO or COR for approval or rejection. Notification of comments from AMSTA-LCC-MAI will be made through the PCO or COR (see C.3.4.2).

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3.4.3.9 Common Access Card (CAC): The Contractor shall request CACs to access the Governments SharePoint Page for data submission and facility access for only those employees directly supporting this effort.

3.4.3.10 Facility Access: The Government will provide information to facilitate the Contractors access to Government facilities and locations in order to support efforts called out within this PWS. The Contractor shall provide Government personnel with access to the Contractors facility where the effort for this PWS is being performed, for both announced and unannounced visits. Key Government personnel (identified at the Start of Work meeting) shall be given access badges to the Contractor (and subcontractor) facility.

3.4.3.11 Movement of GFE: The Contractor shall be prepared to receive, account for, and provide either covered, secured or indoor, secured storage for GFE while in the Contractors possession. The Contractor shall account for all property using a DA Form 2062. The Contractor shall coordinate shipment of GFE when directed by the Government. The Government will provide the funding for shipping of GFE to and from the Contractors facility.

3.4.3.12 Security Requirements:

3.4.3.12.1 Pursuant to 10 U.S.C. 2320, all technical data developed under this contract with 100% Government funding is required to come to the Government with Unlimited Rights and shall be appropriately marked with a Distribution Statement (see C.3.4.3.4). The Contractor shall control, mark and protect FOUO information will be in accordance with this document and Army Regulation 380-5, Chapter 5, paragraph 5-1 through 5-6. The Contractor may disseminate FOUO information to their employees who have a need to know the information in connection with the task order. The Contractor shall destroy, by tearing or shredding to make the material unreadable, all FOUO material not delivered to the Government at the conclusion of the contract. The Contractor shall purge or destroy, by a physical process, all FOUO material stored on electronic media at the conclusion of the contract. FOUO information may be disseminated by the Contractors internal computer network provided it is protected with a security firewall and individual access is controlled by using IDs and passwords. The Contractor shall not release any information or data to third parties without prior expressed written approval of the PCO.

3.4.3.12.2 The Contractor shall have access to Government furnished data for the accomplishment of work under this task order; Contractors shall conform to all security requirements.

4.0 Reports, Plans and Data:

4.1 Agendas (CDRL A001):

The Contractor shall submit an agenda, briefing charts and supporting documentation for each event identified in C.5.

4.2 Minutes (CDRL A002):

The Contractor shall prepare and submit minutes after every event identified in C.5.

4.3 Performance Report (CDRL A003):

The Contractor shall submit a Contract Status Report

4.4 Internal Organizational List (CDRL A004):

The Contractor shall provide the Government with a list of all key functional Contractor personnel involved in this effort. This list shall be updated whenever key personnel changes are made to maintain accuracy.

4.5 Integrated Master Schedule (IMS) (CDRL A005):

The Contractor shall develop an IMS for all documents required in this PWS. The Contractor shall maintain the IMS for the lifetime of the contract. The Contractor shall immediately notify the Government if they foresee a schedule change. The notification shall include: (1) the reason for the change, (2) the revised schedule, and (3) the resources being applied to ensure the new scheduled date is met. The Government reserves the right to review and approve any Contractor proposed IMS updates that impact contract delivery schedules. If any proposed Contractor changes create delays or impacts to the Governments program plans, the Government may request an equitable adjustment to the contract.

4.6 Logistics Quality Plan (CDRL A006):

4.6.1 Overview: The Contractor shall be responsible for the quality of the all logistics documentation developed under this effort. The Contractor shall deliver all products that are complete, technically accurate, and adhere to the requirements identified within this PWS.

4.6.2 Requirements: This operation shall include preparation of a Logistics Quality Plan, periodic QA reviews by persons different than those preparing the logistics materials, maintenance of QA records, TM development process improvement, and data controls to ensure that

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current, accurate engineering data and parts information is made available to all Contractor personnel assigned to this effort.

4.6.3 System: The Contractor shall have a quality management system as a measurement of product quality for logistics documentation produced for this contract. The Contractors quality management system shall be made available and accessible at anytime for Government review and evaluation to assess the Contractors quality system compliance, implementation and effectiveness. The Government representatives have the right to review and comment on the Contractors QA Plan, records, and processes at any time.

4.7 Technical Manual Plan (CDRL A007):

The Contractor shall prepare and deliver a TM Plan. The purpose of this plan is to describe the development process the Contractor will use to plan, gather data, author, illustrate, produce, review, and deliver the required equipment publications under this contract.

4.8 Technical Manual Quality Assurance (TMQA) Program Plan (CDRL A008):

The Contractor shall develop and execute a TMQA to ensure the quality of the TMs and NMWRs produced under this contract. The Contractors execution of the TMQA shall consist of QA personnel that are not the writers or editors of the publications being prepared. Validation records showing those publications corrections, deletions, and additions that were identified during the publications validation process shall be maintained. Other QA records shall be identification of change, corrections, deletions, and additions to publications that resulted from QA edit reviews.

5.0 Program Events

5.1 Start of Work Meeting (SOWM):

5.1.1 The Government will conduct a Contract Start of Work Meeting approximately thirty (30) days after contract award at TACOM LCMC, 6501 E 11 Mile Road, Warren, MI. The Contractor shall make available contract administration personnel, management, engineers, and logistic support personnel to carry out this PWS.

5.1.2 Discussions at the meeting shall consist of contract requirements, the establishment of lines of communications, required plans and reports, and document delivery.

5.1.2.1 The Government will:

5.1.2.1.1 Review the PWS

5.1.2.1.2 Identify Contractor support requirements for testing

5.1.2.1.3 Review Support Equipment (SE) and Test Measurement and Diagnostic Equipment (TMDE)

5.1.2.1.4 Discuss Packaging, Handling, Storage, and Transportation (PHS&T) requirements

5.1.2.1.5 Discuss NET requirements

5.1.2.1.6 Provide an overview of the Maintenance, Provisioning, and Publications requirements

5.1.2.1.7 Discuss GFE/GFI

5.1.2.2 The Contractor shall:

5.1.2.2.1 Provide a listing of Contract Personnel (see 4.4)

5.1.2.2.2 Present its IMS (see 4.5)

5.1.2.2.3 Provide and discuss its quality control process for ILS development (see 4.6)

5.1.2.2.4 Identify any design influence and integration efforts considerations

5.2 Maintenance, Publications, and Provisioning (MPP) Guidance Meeting: The MPP Guidance Meeting will be held in conjunction with the Start of Work Meeting. The Contractor shall present detailed paths and milestone graphic presentations that define Contractor performance necessary to meet all contract delivery requirements during this meeting. At the MPP Guidance Meeting the Government will discuss the following topics. The Contractor shall prepare any questions, issues, or areas that they require clarification on as it pertains to these topics:

5.2.1 Maintenance: To review and discuss operator and maintenance functions and what constitutes reparable items (see 6.0).

5.2.2 Support Equipment, Tools, and Test Equipment (STTE): To discuss authorized tool sets and expectations (see 7.0).

5.2.3 Provisioning Guidance: to provide guidance to the Contractor for documenting and submitting provisioning data (see 9.0).

5.2.4 Publications Guidance: Review and discussion of publications requirements and Government expectations (see 11.0).

5.2.5 New Equipment Training Meeting: To review and discuss training requirements (see 15.0).

5.3 Contract Status Meetings: The Government and Contractor shall have, a monthly Status Review Meetings hosted by COR via

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teleconference. The purpose of the meetings shall be to review status and progress of all deliverables under this contract. The Contractor shall participate in the meetings and provide status of all CDRLs and the IMS.

5.4 In-Process Reviews (IPRs): The Contractor shall present documentation and at all IPRs, which will be held quarterly. The initial IPR will be held at US Army TACOM LCMC approximately 90 days after contract award. Follow on IPRs may rotate between TACOM LCMC, the contractors facility, or Video Teleconferencing (VTC) on a quarterly basis. The purpose of an IPR is to discuss schedule, over view of program status, and conduct CDRL review. The Contractor shall present its performance report (See 4.3), a detailed presentation covering schedule (See 4.5), program status, status of each CDRL, plans for upcoming meetings for the next quarter, data access to Government software, facility access, identification of any delays or issues with meeting any submission due dates, and mitigation plans for any schedule slippage. Contractor may present any additional information at the IPR they deem pertinent to this effort; such information shall be identified in the IPR agenda (See 4.1).

5.5 Maintenance Publications and Provisioning (MPP) Reviews:

5.5.1 Overview: These reviews are held at the working level to allow the Government and Contractor to assess and discuss logistics documentation development. The first MPP Review will be held 45 days after the MPP Guidance Conference (see C.5.2). Follow-on meetings will be held approximately every 30 days, as scheduled between the Government and the Contractor at the prior MPP. The Contractor shall host these meetings at their facility unless the Government and Contractor agree to move the meeting to an alternate location.. The MPP Review is led by the Government Maintenance Manager and will cover technical issues and concerns. MPPs are not to be considered In-Process Reviews (IPRs) or Contract Status Meetings. The purpose of these events is to maintain consistent oversight and review of products in development to help ensure successful validation and verification.

5.5.2 Personnel: The Contractor shall make have the following contract personnel available to attend the MPP: Contractors ILS Manager. At minimum the personnel from the following functional areas are recommended to attend the MPP meetings: a) Quality Assurance (QA), b) Maintenance, c) Technical writers, d) Illustrators, and e) provisioning. The Contractor shall ensure the appropriate technical specialists to attend MPP technical meetings, to receive guidance, clarification or assistance from the Government functional specialists during the course of the development effort, based on the Contractors agenda (see C.4.1). The Contractor shall provide all documents listed in C.5.5.3 below.

5.5.3 Requirement: The Contractor shall be prepared to have the material listed below available for Government review ten (10)~days prior to each event:

5.5.3.1 Maintenance Analysis (MA)(see 6.4)

5.5.3.2 Maintenance Allocation Chart (MAC) (see 6.6)

5.5.3.3 Level of Repair Analysis (LORA) (see 6.5)

5.5.3.4 Expendable Durable Items List (EDIL) (see 6.9)

5.5.3.5 Basic Issue Items (BII) (see 6.8)

5.5.3.6 Component of End Item (COEI) (see 6.7)

5.5.3.7 Additional Authorized Items List (AAL) (see 6.10)

5.5.3.8 Mandatory Replacement Parts List (MRPL) (see 6.12)

5.5.3.9 Special Tools and Test Equipment (STTE) and TMDE List (see 7.0)

5.5.3.10 Critical Task List (see 15.2.1)

5.5.3.11 Sample Work Packages (WPs) (maintenance, troubleshooting, Preventative Maintenance Checks and Services (PMCS), Repair Parts and Special Tools List (RPSTL), schematics)

5.5.3.12 Sample Training Material (agendas, Program of Instruction (POIs)

5.6 Training Review Conference (TRC): TRCs will be conducted to identify and resolve any issues with developing the training material. The first TRC shall be held by the Government in conjunction with the Start of Work meeting/MPP Guidance Conference (see 5.1/5.2). Subsequent TRCs shall be conducted as a sub-component to the MPPs (see 5.5) to ensure that tester, trainer, supporter, and user training requirements are met.

5.7 Provisioning Conferences: The Contractor shall provide appropriate provisioning technical specialists to attend and provide data clarification to the Government during the course of the effort and expect to receive immediate feedback from the Government functional specialists. Formal provisioning conferences shall be held at the Contractor or subcontractors facility; unless the Government and Contractor agree to move the meeting to an alternate location. The Contractor is expected to present their data, rationale, and supporting documentation to the Government team for each Provisioning Line Item Sequence Number (PLISN). Every provisioning conference must cover a complete assembly and provide the next higher assembly Engineering Data for Provisioning (EDFP) for tracking purposes. A conference is anticipated to last 32 - 40 hours and covers approximately 400 records (PLISNs). The Government and Contractor may mutually agree to run a 72 80 hour conference to cover approximately 800 1000 lines. The Contractor shall host the first Conference fifteen (15) days after the first MPP Review (see 5.5). Follow-on provisioning conferences shall be held approximately every thirty days. at the conclusion of the first MPP Review The Contractor shall provide the following information as necessary to support the provisioning conference effort:

5.7.1 Two (2) hard copies of the Provisioning Parts List (PPL) in a format acceptable to TACOM Logistics Modernization Program (LMP) database (1552 or LSA-036 format) (see 9.2)

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- 5.7.2 One (1) electronic copy and 1 hard copy of accompanying Engineering Data for Provisioning (EDFP) for each PLISN (see 9.3)
- 5.7.3 One (1) electronic copy and 1 hard copy of accompanying Pre-procurement screening (PPS) for each PLISN (see 9.4)
- 5.7.4 Foreign Sources of Supply Notice (see 9.5)
- 5.7.5 Clean/Green Hardware Certification (see 9.6)
- 5.7.6 Clean/Green Hardware Exception (see 9.7)
- 5.7.7 Clean/Green Hardware NSN Split (see 9.8)
- 5.7.8 Facilities and office space including copying and data processing access
- 5.7.9 Wireless internet access
- 5.7.10 One (1) hard copy of the MA (see 6.4)
- 5.7.11 One (1) hard copy of the LORA (see 6.5)
- 5.7.12 MAC (see 6.6)
- 5.7.13 Draft RPSTL pages (corresponding to assemblies presented)
- 5.7.14 One (1) hard copy of the submitted LLTI (see 6.11)
- 5.7.15 Availability of the end item and components that are being presented at the provisioning conference

5.8 Verification Preparation Meeting: The Contractor shall host a Verification Preparation Meeting fifteen (15) days after receipt of Government notice that the Preliminary TM (PTM) is acceptable to move into Government Verification. The Government will assess the Contractors readiness for the upcoming Verification; ensure the availability of BII, COEI, and STTE; and review the proposed parts listing in support of Verification. The Government will also discuss the Governments Verification Plan to ensure the Contractor fully understands their responsibilities and the support required during the event. The Government will provide the complete Verification Plan concurrent with the PTM acceptability notice. The Government will assess that all entrance criteria expectations have been met and that Verification can be scheduled.

5.9 Verification of Operator & Field Maintenance TM Suite: The Government will conduct Verification on the Husky M1231 and MDT Set Technical Manuals (see C.14). The Verification is anticipated to run 5 days/week, 8 hours/day for approximately 9 months. Any delays as a result of documentation rework (see 3.4.3.6) will be the responsibility of the Contractor, and could result in an extended Verification duration. The duration of the Verification is subject to extension based on the quality of the product provided by the Contractor and may be extended at no additional cost to the Government. The Verification will be held at a Government facility located in Michigan, USA.

5.10 Verification of Component NMWR/RPSTL: The Government will conduct Verifications on the component NMWRs (see 12.0). Each component NMWR is anticipated to run 5 days/week, 8 hours/day for 2 weeks. The Government intends to conduct these Verifications back-to-back. Any delays as a result of documentation rework (see 3.4.3.6) will be the responsibility of the Contractor, and could result in an extended Verification duration. The duration of the Verification is subject to extension based on the quality of the product provided by the Contractor and may be extended at no additional cost to the Government. The Contractor shall be prepared to attend Verification at Red River Army Depot, Texarkana, TX. The Contractor is required to provide a quantity of one each for all component NMWRs in their corresponding LLRC, as applicable to support Verification.

5.11 Verification of Husky M1231 End Item NMWR/RPSTL: The Government will conduct Verifications on the Husky M1231 end item NMWR (see 12.0). The end item NMWR is anticipated to run 5 days/week, 8 hours/day for 3 months. The Government will conduct the Verification of the end item NMWR 90 days after all component NMWRs have successfully completed Verification. The Verification will be held at Letterkenny Army Depot (LEAD), Chambersburg, PA.

5.12 Operator and Field Level Maintainer Instructor and Key Personnel Training (I&KPT): 5.10.1 The Contractor shall conduct a 40 hour Operator I&KPT course for approximately 12 personnel (not to exceed 15).

5.12.1 The Contractor shall conduct an 80 hour Field Maintenance I&KPT course for approximately 8 personnel (not to exceed 12).

5.12.2 The Contractor shall make a complete NET package (see 15.2.2) available to support both I&KPTs for each student attending.

5.12.3 The Contractor shall be prepared to train personnel at the I&KPT, which will be held (see C.15.3) at a Government facility in Michigan, USA.

6.0 Maintenance

6.1 Maintenance Concept: The purpose of Army maintenance is to generate and regenerate combat power and preserve the capital investment of combat systems and equipment to enable training and mission accomplishment. The Army relies on four core maintenance processes to manage equipment during the courses of its useful service life to achieve a high state of readiness. They are performance observation, equipment services, fault repair, and single standard repair.

6.1.1 In accordance with AR 750-1 and the Armys maintenance philosophy, the end item will be serviced, maintained, repaired and overhauled at the lowest levels of Army maintenance possible by military personnel. The Contractor shall comply with the Army Maintenance System, as defined within AR 750-1, when developing logistics documentation. The Army Maintenance System consists of two levels, Field and Sustainment.

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6.1.1.1.1 Field maintenance is on-system maintenance, repairs and returns equipment to the operator or the user.

6.1.1.1.1.1 Field maintenance is the first function of the Army maintenance system.

6.1.1.1.2 Operator/crew maintenance is the most critical operation of the Army maintenance system.

6.1.1.1.3 Operator/crew performing PMCS from the applicable TM XX-10 series is the cornerstone of the Army Maintenance System. The before, during, and after PMCS checks concentrate on ensuring equipment is Fully Mission Capable(FMC) and maintained in accordance with the TM XX-10 series operators manuals.

6.1.1.1.4 Field mechanics will use the TM XX-10 and XX-20 series to identify and correct faults. The TM XX-20 series PMCS tables are used to perform scheduled PMCS services that sustain and extend the FMC time of the equipment.

6.1.2 Sustainment maintenance has two sections: below depot sustainment and depot maintenance activities. Sustainment is off-system maintenance, primarily repairs and returns equipment and components to the supply system.

6.1.2.1 Sustainment maintenance is the second function of the Army maintenance system.

6.1.2.2 Sustainment maintenance is characterized by commodity-oriented repair of components and end items in support of the Army.

6.1.2.3 Depot maintenance is that capability beyond the field and below depot sustainment maintenance activities. Depot-level maintenance normally consists of overhaul, recondition, manufacture, repair, or modification and requires technical assistance beyond lower maintenance level capability.

6.2 Maintenance Planning (CDRL A010):

The Contractor shall conduct Maintenance Planning that determines maintainability characteristics of the end item. This analysis shall be documented in a Maintenance Planning Summary. Other reliability and maintainability data could also be incorporated includes: task frequency, failure rate of an item or mean time between failure, mean time to repair an item, mean time between maintenance actions, mean time between removals, and operational availability. The summary shall be broken down within the hierarchy of the end item by major component. The Government does not have an existing Maintenance Plan for the Husky vehicles; however, the Contractor shall create a plan that encompasses all variants and configurations of the truck. The Contractor may utilize data from similar items to support this plan if information specific to the Husky is not available. The Contractor shall find commercially available reliability information to support this Maintenance Plan.

6.3 Supportability Analysis (CDRL A011):

The Contractor shall develop a supportability analyses as an integral part of the systems engineering process beginning at program initiation and continuing throughout program development. Supportability analyses form the basis for related design requirements included in the system specification and for subsequent decisions concerning how to most cost-effectively support the system over its entire life-cycle. The Government does not have an existing Supportability Analysis for the Husky vehicles; however, the Contractor shall create a plan that encompasses all variants and configurations of the truck. The Contractor may utilize data from similar items to support this plan if information specific to the Husky is not available.

6.4 Maintenance Analysis (MA) (CDRL A012):

6.4.1 The Contractor shall analyze the operational, maintenance and support function of the system by identifying all required operator and maintenance tasks. Maintenance of the end item will be driven by the Army's maintenance system, see C.6. The analysis shall be reliability-centric and identify maintenance functions, levels of maintenance, manpower, spare parts and the support equipment required, as clarified by Attachment A01 (MA). The Contractor shall incorporate the Supportability Analysis (see C.6.3) and the Maintenance Plan (see C.6.2) into the MA. The Government will provide the original Husky Maintenance Analysis at the Start of Work meeting. The Contractor shall utilize this information to generate changes and updates to the analysis.

6.4.2 The analysis shall determine all maintenance requirements and functions, including all PMCS, based on the following:

6.4.2.1 Identification of components which are critical in terms of mission and operating system

6.4.2.2 Components whose functional failure will not be evident to the operator

6.4.2.3 Economical and operational consequences of failure

6.4.2.4 Where scheduled maintenance can prevent failure

6.4.3 The analysis will be in End Item hardware top down breakdown, disassembly sequence with attaching hardware being called off first. The analysis shall identify Functional Group Codes (FGC) in accordance with Technical Bulletin (TB) 750-93-1 for each repairable item.

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The Contractor shall ensure all information complies with the TB, making adjustments to the analysis as necessary.

6.5 Level of Repair Analysis (LORA) (CDRL A013):

The Contractor shall conduct a LORA for the end item and each of its major components. These analyses shall determine the maintenance level at which the items should be repaired or replaced, with an evaluation threshold of \$500 for Field and \$1,250 for Sustainment. The Contractor shall include economic and non-economic criteria in this analysis. Non-economic criteria that could impact the level of maintenance decision consist of: manpower and personnel implications, support equipment and facilities availability, and the maintenance concept. Additionally, factors such as availability of replacements and the affect on operational readiness must be considered. The Contractor shall deliver a LORA Report and accompanying source data. Results of these analyses shall be incorporated in the Maintenance Allocation Chart (MAC) and TMs, as discussed within this Statement of Work.

6.6 Maintenance Allocation Chart (MAC) (CDRL A014):

The Contractor shall develop new MACs in accordance with MIL-STD-40051-2B, MA, and LORA. The Contractor shall revise MACs based on the MA and LORA created under this Statement of Work, as well as any adjustments required due to changes in the TMs. The Contractor shall use as a starting point the MACs found within the provided Field Maintenance Manual and Operator and Field Maintenance Manuals (MDTs). The MACs are living document that forms the basis for TM development; it is therefore subject to change throughout the life of the contract. The MACs designate overall authority and responsibility for the performance of maintenance tasks on the identified end item.

6.6.1 The MAC shall identify the repair functions that must be performed; the Maintenance levels responsible for the function; the active repair time; and all tools and test equipment necessary to perform the function for each reparable assembly, subassembly, and component. The Contractor shall use the U.S. Army TB 750-93-1 FGCs to identify the approved codes for all components within the MAC. The MAC shall be based on the Supportability Analysis, MA, and LORA.

6.6.2 The MAC shall include all maintenance-significant components, assemblies, subassemblies, and modules. Parts requiring a test procedure prior to replacement shall also be listed in the MAC. The MAC shall use the same nomenclature for components as identified during the provisioning process, to comply with the official Item Name.

6.7 Components of End Item (COEI) (CDRL A015):

The Contractor shall update the COEI List found in the Operator Manual. COEI are parts of the end item that must be with the end item whenever it is issued or transferred between property accounts. COEI are removed and separately packaged for transportation. All major COEI will be identified and described in the Operator Manual. Any component identified on its engineering drawing as physically separate and distinct and that must be removed from the end item and separately packaged and stored for transportation shall be listed by NSN in a table as supporting information in the Operator Manual.

6.8 Basic Issue Items (BII) (CDRL A016):

The Contractor shall update the BII List found in the Operator Manual. BII are those items identified as essential for an Operator or Crew to place the end item into initial operation to accomplish its defined purpose. These items are essential to perform emergency repairs which cannot be deferred until completion of an assigned mission and routine maintenance. BII are not listed on engineering drawings. BII include those select common and special purpose tools, TMDE, spare and repair parts, Operator publications, first aid kits, and safety equipment (e.g., fire extinguishers) authorized for the end item. Although spare and repair parts are not normally included in BII, the Government may make exceptions to the criteria above for on-board spares.

6.9 Expendable and Durable Items List (EDIL) (CDRL A017):

The Contractor shall prepare the EDIL for the end item, which is a living document. The EDIL defines those expendable/durable supplies and materials required for operating and maintaining the end item. The Contractor shall provide U.S.-based sources to support the EDIL. The minimum requirements for each submittal are the following: Item Number, Maintenance Level, NSN, Description, Commercial and Government Entity (CAGE) Code, Part Number (P/N), and Unit of Issue (UI). Final submittal of the EDIL shall be in the format described in MIL-STD-40051-2B and included in the applicable section of the final submission of the TM.

6.10 Additional Authorization List (AAL) (CDRL A018):

The Contractor, in coordination with the Government, shall develop a proposed AAL based on the Capabilities Production Document (CPD) for the end item. AAL items are optional items to be used to support the end item during operations, per AR 700-18. AAL items are listed in the end item Operator Manual for informational purposes. AAL items are items not issued with the end item and are not listed on the end item engineering drawings as part of the end item NSN configuration. AAL items are not required to be turned in with the end item and will be listed by NSN in the Operator Manual. The recommended minimum quantity of each AAL item recommended for support of one end item shall be identified.

6.11 Long Lead-Time Items (LLTI) List (CDRL A019):

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The Contractor shall identify the LLTI. LLTI are those identified as requiring advance ordering to meet delivery schedules. LLTI repair parts present a problem because the provisioning cycle and procurement lead times are extensive. LLTI may be items that, due to their complexity of design, complicated manufacturing processes, or limited production capacities cause extended production or procurement cycles beyond 6\months. These items can create supply issues if not ordered in advance of the normal provisioning process. Entries for items on the LLTI List shall contain the following information: Item name, level of maintenance, NSN (if applicable), CAGE Code, P/N, description, quantity required for the end item, unit price, PLISN, and production lead time. The Contractor shall also submit corresponding EDFP (see C.9.3).

6.12 Mandatory Replacement Parts List (MRPL) (CDRL A020):

The Contractor shall identify and provide MRPL for all items that require replacement on the end item. MRPL items are items to be used to support the end item during repair operations. MRPL items are listed in the end item Operator Manual. This includes a list of all mandatory replacement parts referenced in the task initial setups and procedures. These are items that must be replaced during maintenance whether they have failed or not. This includes items based on usage intervals (examples: miles, time, and rounds fired)..

7.0 SUPPORT EQUIPMENT, TOOLS, AND TEST EQUIPMENT (STTE) (CDRL A021):

7.1 The Contractor shall deliver a list of STTE required to maintain or troubleshoot the Husky M1231. The source data for this list shall be the Maintenance Analysis (see C.9.4). Maximum use of common tools, support equipment, and TMDE normally organic to the user is required. The STTE list (Attachment A02) shall include all special tools and TMDE as well as calibration instructions as identified by USATA.

7.2 Special Tools: The following paragraphs are included to clarify special tools for Army use. Special tools are not identified in the units authorized Component Listings (CL) from the Sets, Kits, and Outfits (SKO) SC. Department of the Army Pamphlet (DA PAM) 700-60 provides regulatory guidance on Sets, Kits and Outfits. Special tools include:

7.2.1 Fabricated tools that are made from stocked items of bulk material, such as metal bars, sheets, rods, rope, lengths of chain, hasps, fasteners, and so forth. Fabricated tools are drawing number controlled and documented in RPSTLs and located in Technical Manuals (TMs). Fabricated tools are used on a single end item.

7.2.2 Tools that are supplied for military applications only (e.g., a cannon tube artillery bore brush) or tools having great military use but having little commercial application.

7.2.3 Tools designed to perform a specific task for use on a specific end item or on a specific component of an end item and not available in the common tool load that supports the end item/unit (e.g., a spanner wrench used on a specific Ford engine model and is not utilized on another engine in the Army inventory).

7.3 TMDE: New TMDE items (those not part of the authorized CL's in the U.S. Army SC) may require special source and calibration documentation in order to update/provide data for possible inclusion to the TMDE register (DA PAM 700-21-1). The contractor shall provide all required calibration and repair procedures for all new TMDE (see 7.1).

8.0 Electronic Diagnostics Testability Analysis (CDRL A022):

8.1 The Contractor shall perform a testability analysis of the Husky M1231diagnostics capability, to include number and types of diagnostic tests available for all components, assemblies, systems and subsystems. The Contractor shall start with the Government provided Analysis initially conducted on the Husky vehicle.

8.2 The analysis shall identify all diagnostic fault codes for each component, assemblies, systems and subsystems and place them on a tabular format spread sheet. The codes shall be called out with the component, assemblies, systems and subsystems they support. The columns of the spread sheet shall consist of component, fault code/description, tests being performed, test equipment and parameters.

8.3 The testability report shall include a description of on-board electronic diagnostic systems that may be interrogated for the purpose of maintenance and troubleshooting via an on-board diagnostic display screen.

8.4 The testability report shall identify all the commercially available diagnostic software for all electronically controlled systems, subsystems, components and assemblies.

8.5 The Contractor shall maximize the use of embedded Built-in-Test (BIT)/ Built-in Test Equipment (BITE) diagnostic capabilities, and fully document and support embedded system software.

8.6 All data buses and diagnostic connectors for each electronic control module shall be identified in detail.

8.7 The analysis shall be documented in an Electronic Diagnostics Testability Analysis Report.

9.0 Provisioning

Name of Offeror or Contractor:

9.1 Provisioning Program:

9.1.1 The Contractor shall develop all provisioning data in accordance with GEIA_STD_0007, Logistics Product Data; the guidelines of MIL_HDBK_502; and Logistics Management Information (LMI) data worksheets found in Attachment A03 (LMI).

9.1.2 Provisioning Plan (CDRL A023):

The Contractor shall create a provisioning plan that encompasses all aspects of section C.9. The provisioning plan shall also include a planned schedule of assemblies and components that the Contractor will present during each identified provisioning conference on the IMS. All part numbers and NSNs associated with the configuration changes/ECPs shall be added into the LSA-036 report and the EDFP shall be screened to ensure NSN validity. The Contractor shall use U.S.-based manufacturers for components affected by these changes/ECPs. The Contractor shall ensure that multiple configurations of components are properly identified and captured within the LSA-036 report (e.g., three transmissions/two transfer cases, two types of front and rear module (dressed and undressed), seats and seat belts, fire extinguishers, all ECPs). The Contractor shall also identify and screen all existing NSNs and part numbers in the Government-provided Provisioning Parts list (PPL) to ensure they are properly identified and captured within the LSA-036 report. The Contractor shall identify any alternate sources of supply while conducting their screening research. The Government will then screen these NSNs and P/Ns through DLIS/DLA to ensure that the proper Item Name Codes are accurate in identifying these items according to U.S. Army policy. The Essentiality Codes, Source Maintenance and Recoverability (SMR) Codes, and PMCS shall be verified and cross-checked by the Contractor to ensure that the repair components are properly coded at the correct repair echelon and that they match up with the MAC.

9.1.3 Provisioning data shall be used for identifying, selecting, provisioning coding, determining initial requirements, and cataloging of items to be procured or supported throughout the equipments life. All items identified during the provisioning process shall be screened (see C.9.4) sufficiently to enhance competitive acquisition of support items.

9.1.4 The Government will provide a complete LSA-036 report in 1388-2B format, the Provisioning Contract Control Number (PCCN), and the Provisioning Control Code (PCC) (also known as a Use on Code [UOC]) for the current Husky PCCN at the SOWM. The POR PCCN/PCC structure is as follows:

9.1.4.1.1 PCCN: CHUSKY

9.1.4.1.2 UOC/PCC: SKY - Husky M1231

9.1.4.2 PCCN: CIVPOR - Husky

9.1.4.2.2 PCC/UOC: RDP - Red Pack

9.1.4.2.3 PCC/UOC: MDV - Husky Mine Detection Vehicle

9.1.4.2.4 PCC/UOC: IV2 - Husky System

9.1.4.2.5 PCC/UOC: ECP - Husky Vehicle

9.1.4.2.6 PCC/UOC: IV3 - Mine Detection System

9.1.4.2.7 PCC/UOC: HTS - Training Vehicle

9.1.4.3 PCCN: CIVMDT - Mine Detonation Trailer Set

9.1.4.3.1 PCC/UOC: MDT - Mine Trailer Set

9.1.4.3.2 PCC/UOC: FMT - First Mine Detection Trailer

9.1.4.3.3 PCC/UOC: SMT - Second Mine Detection Trailer

9.1.4.3.4 PCC/UOC: TMT - Third Mine Detection Trailer

The Contractor shall not modify any of the Model records associated with the above PCC/UOCs.

9.1.5 The Contractor shall develop a complete Provisioning Parts List (PPL) in top-down sequence, supported by EDFP, for the Husky M1231 using PCCN: CIVPOR/PCC: SKY (the Contractor can use coding from PCC: MDV to aid in this development); however, the Contractor shall ensure it has appropriate EDFP for all items and that the complete LSA-036 represents the vehicle configurations identified, using serial number break-outs where appropriate to support the incorporations of ECPs and vehicle upgrades. In addition, the Contractor shall create a B-indenture top-level BII with the BII listed as its components, a B-indenture top-level AAL with the AAL listed as its components, and a B-indenture top-level for the shipping and storage containers (the Contractor can use the data provided under PCC IV2) with each container as the C-indenture and it's corresponding parts indented appropriately, and a B-indenture for the complete FMTK (see C.18) with the corresponding tools, foam, and container listed as its components under PCC SKY. It shall be understood that the Contractor is responsible for ensuring that all parts are accurately identified; failure to do so will result in the LSA-036 report being rejected. The Contractor shall make all corrections to existing Provisioning Line Item Sequence Number (PLISN) (PCCN: CIVMDT, PCCs: MDT, FMT, SMT, TMT), based on screening activities required, as well as modify any records impacted by configuration changes/ECPs. The Contractor shall develop any new PLISNs required based on these changes/ECPs using the existing PLISN plus adding the number "2" in the fifth position to indicate this is an ECP. For changes to an existing PLISN that are not part of the ECP package, use the existing PLISN with the number "4" in the fifth position. Since there are 10 spaces between PLISNs in the Government provided LSA-036, the Contractor shall input new PLISNs within the proper NHA and the proper indenture codes in the spaces provided within the PLISN sequence. For example, when a new part is added, that P/N will need a five-digit PLISN to identify there was a change to that component. The Contractor shall create a new PLISN ARDB2 (or 4) and keep the original PLISN ARDB in the LSA-036; both will be indentured to the correct component variant. The Contractor shall create a new PLISN showing the proper Next Higher Assembly (NHA) if a new part number is created

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by an ECP. For example, for a P/N with PLISN AECD2, the Contractor shall create a new PLISN AECE2 with indenture code "B" under PLISN AECD2 which identifies the proper down parts within that assembly.

9.1.6 Provisioning requires four key elements: the Provisioning Parts List (PPL), the Engineering Data for Provisioning (EDFP), the Pre-Procurement Screening (PPS), and certification of green/clean parts. Green/clean are parts that do not contain any hazardous materials. The Contractor is responsible to provide the data required for each element, as defined in this Statement of Work. The Government shall use the Quality GEIA\STD-0007 and AMC\PAM\700\25 for acceptance of provisioning data delivered under the provisions of this contract.

9.1.7 The Contractor shall ensure that items identified as having a Long Life Reusable Container (LLRC) are provisioned correctly.

9.1.8 The Contractor shall fully comply with the Under Secretary of Defenses requirement to minimize the use of Hexavalent chromium in the parts used to sustain the US military. The Contractor shall ensure that all items provisioned comply, to the maximum extent possible with DFARS Case 2009-D004, which allows the provisioning of the system to be considered green/clean. The Contractor shall not provision any hardware having asbestos, radioactive materials, Hexavalent chromium (electroplating and coatings), cadmium (electroplating), or other highly toxic or carcinogenic materials (as defined in 29 CFR 1910.1200). The Contractor shall not provision any Class I or Class II Ozone Depleting Substances.

9.2 Provisioning Requirements

9.2.1 Provisioning Parts List (PPL) (CDRL A024):

9.2.1.1 The Contractor shall develop a complete PPL submittal for each PCC identified in C.9.1.4/C.9.1.5) using the LSA-036 report provided by the Government. It is not the intent of the Government to prescribe the Automatic Data Process (ADP) software that the Contractor uses for provisioning efforts; however, using cost-effective ADP systems is encouraged.

9.2.1.2 LMP has various methods by which the Contractor can deliver provisioning data and the Government will discuss these methods at the Start of Work Conference. All submissions of LMI/PPL data shall be compatible with the Governments standard logistics systems and in compliance with AMC PAM 700-25. The data shall be capable of being loaded into LMP without any modifications to the data. The Government will load each PPL submission into LMP, and any submission containing a greater than 5-percent error rate will be rejected. LMP has seven cycles (edits) (1) Load, (2) FLIS Screening, and (3) All Records Valid, (4) Material Check, (5) Material Create, (6) BOM Check, and (7) BOM Create. The Contractor shall provide support throughout all cycles to correct errors or provide information as identified in the Governments load report.

9.2.1.3 The Contractor shall review and update all data lists. Due to the size of the end item, data may be provided by the Contractor in multiple deliveries. This is considered phased provisioning per AR 700-18, and provisioning submittals shall be structured around complete assemblies that have minimal risk of changing due to test events. The Contractor shall ensure that only those items that are repair parts, STTE, BII, bulk items, COEI, unique items on the AAL or EDIL, or part of the end item's top-down generation breakdown will be provided to the Government. Only items that have successfully passed testing and are in the final locked configuration of the end item, or have a Government-approved ECP may be presented in the LSA-036; the Government will reject all others.

9.2.1.4 The PPL shall be used to determine the range and quantity of support items required for maintenance and repair of the end item. This includes all reparable Commercial, Off-the-Shelf (COTS) items, unless excluded by the Government. The PPL shall contain all tools, test equipment, LLRCs, components in containers, special tool maintenance kits, repair kits, and repair parts sets required to maintain the end item, component, or assembly equipment, unless excluded by the provisioning requirements. The PPL shall be formatted in accordance with Attachment A03 (LMI).

9.2.1.5 The following are input media requirements for provisioning data:

American Standard Code for Information Interchange (ASCII)

9.2.1.5.1 No Header Data

9.2.1.5.2 80 Columns in Width

9.2.1.5.3 Carriage Return Code for Line End

9.2.1.6 The Contractor shall include Line Replaceable Unit (LRU) coding in the LSA-036. LRUs are items that can be replaced in the operational environment (field or combat conditions). LRUs may be either reparable or non-reparable items (e.g., fuse, Printed Circuit Board [PCB], engine, spark plug). In general, the NHA is the end item itself. The LRU code is a one-position, alphabetical code and will be assigned to all support items in the Provisioning Master Record (PMR) as described below.

C.9.2.1.6.1 Essential support items that are removed and replaced on the end item at Field level to restore the end item to operational condition will be assigned the code Y.

9.2.1.6.2 Components that are removed and replaced on an end item LRU (identified above) at Operator level which restores the end item to operational condition shall be assigned the code Y.

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9.2.1.6.3 All other support items shall be assigned the code N.

9.2.1.7 The Contractor shall ensure that all information provided within the LSA-036 aligns with the maintenance analysis, LORA, MAC, and procedures presented in the suite of TMs.

9.3 Engineering Data for Provisioning (EDFP) (CDRL A025):

9.3.1 The Contractor shall submit updated EDFP for all OEM developed and supported items, including items that have NSNs. Drawings submitted shall not be red-lined. A separate drawing is required for each part number. EDFP is technical data used to describe parts/equipment. EDFP consists of data such as specifications, standards, drawings, descriptions, necessary assembly and general arrangement drawings, schematic drawings, schematic diagrams, and diagrams containing wiring and cabling. These are necessary to indicate the physical characteristics, location and/or function of the item. The EDFP shall be formatted and delivered as referenced below. The EDFP shall provide item identification/descriptions necessary to support the Provisioning Parts List (PPL).

9.3.2 The documentation provided by the Contractor shall be sufficiently comprehensive to allow the customer to identify, classify, and fully describe the item within the NATO codification system reference MIL-DTL-13000C for guidance on drawings. The Contractor shall provide documentation in the following order of precedence:

C.9.3.2.1 Product drawings

C.9.3.2.2 Developmental Drawings

C.9.3.2.3 Conceptual Drawings in the form of catalog pages (pages must meet data requirements)

9.3.3 The EDFP provided by the Contractor shall illustrate where the Unique Identification (UID) marking is located on the items identified as requiring UID.

9.3.4 Sequencing of Engineering Data for Provisioning (EDFP) will be by Part List Item Sequence Number (PLISN) and Part Number (P/N). The Contractor shall make available drawings at each provisioning conference for Government review.

9.3.5 Each drawing shall be annotated with the following:

9.3.5.1 Provisioning Contract Control Number (PCCN)

9.3.5.2 Provisioning Line Item Sequence Number (PLISN)

9.3.5.3 Provisioning Control Code (PCC)

9.3.5.4 Commercial and Government Entity (CAGE) Code: The Contractor must provide a BINCS page (or equivalent) to validate the selected CAGE identified to the Government. The CAGE must align with the name of the company identified on the drawings or catalog pages provided.

9.3.5.5 Part Number (P/N)

9.3.5.6 Nomenclature: Common hardware shall include a description to include sizes, grade, surface finish, coatings, hardness, thread type, and industry specifications, etc. This data is essential in ensuring that common hardware is not substituted or exchanged due to lack of definitive information. All metal items must identify the surface finish and coatings.

9.3.5.7 Price

9.3.5.8 Unique modifications by the end item manufacturer

9.3.5.9 Identification of parts proprietarily manufactured specifically for the end item manufacturer

9.3.5.10 Source Maintenance Recoverability Code (SMR)

9.3.6 The Contractor shall provide screened P/Ns for all parts on EDFP to include the Original Equipment Manufacturer (OEM), additional vendor P/Ns, and additional available sources of supply. The Contractor shall include at least two sources of supply for each hardware item. The Contractor shall make all efforts to ensure that parts have a U.S.-based source of supply identified.

9.3.7 After the Government approves each drawing as being suitable for NSN assignment, the drawings shall be submitted on a CD-ROM as an Adobe Acrobat (.pdf) file. A separate file is required for each drawing. The CD-ROM shall include a cross-reference list that identifies the P/N, drawing number, PLISN, and file name for each drawing. The naming convention for each drawing file shall be: Program Name: PCCN-PLISN Part Number EDFP Version#. The drawing package shall be in PLISN sequence. This will reduce the amount of space required to store the Technical Data Package (TDP) and reduce multiple copies to a single electronic copy.

NOTE: All new or revised drawings and associated lists of parts and assemblies shall be prepared and submitted as .pdf files. Any drawing resubmissions shall use the same naming convention as the original with an update to the Version Number.

9.3.8 EDFP shall be marked in such a manner as to identify the proper restrictive legend, per DFARS 252.227-7013 (f). The Contractor shall be responsible for submitting to the Government a timely assertion of restrictions listing, per DFARS 252.227-7017, 252.227-7103(e) or 252.227-7014 (e).

9.3.9 In order to ensure clarity of conformance to the minimization of Hexavalent chromium (see C.9.1.8), the Contractor shall annotate the following statement on every EDFP submitted, as applicable:

Asbestos, radioactive materials, Hexavalent chromium (electroplating and coatings), cadmium (electroplating), or other highly toxic or

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carcinogenic materials (as defined in 29 CFR 1910.1200) shall not be used in the manufacture or assembly of this component. Class\~I and Class\~II Ozone Depleting Substances shall not be used.

9.4 Pre-Procurement Screening (PPS) (CDRL A026):

9.4.1 The Contractor shall conduct PPS of all items to be provisioned using the Federal Logistics Information System (FLIS) for standardization prior to submittal of an LSA_036. Provisioning screening shall be done using FLIS, WebFLIS, FEDLOG, or by batch submittal of P/Ns to Defense Logistics Information Services (DLIS) no more than 30 days before the provisioning conference where the data is to be presented. Provisioning and other PPS data are used to identify existing NSNs for an item, validate the most current NSNs, and aid in maximum use of known assets.

9.4.2 The PPS shall ensure that the characteristics data of parts (i.e., common hardware) matches the required characteristics data as directed by production (e.g., if a screw requires a brass coating, the PPS should ensure that the selected common hardware NSN specifies brass coating). The PPS results should ensure that the NSN is valid and procurable by the Government (e.g., Army MOE Rule, Acquisition Advice Code, RNVC/RNCC).

9.4.3 The Contractor shall use the PPS results to select valid P/Ns, NSNs, and current unit of measure/issue prices for provisioning purposes. PPS results must be made available for review by the Government.

9.4.4 For additional information on requesting software and passwords refer to the Provisioning Screening User Guide. For additional information on WebFLIS, go to <http://www.dlis.dla.mil/webflis>. There are two versions of WebFLIS; Public Query and Restricted/Sign-On, which requires a valid user ID/password to access the system. User IDs may be obtained by filling out a registration form; the Contractor can request sponsorship from the COR.

9.4.5 The Contractor shall use the NATO Master Catalogue of References for Logistics (NMCR) for screening of NATO items.

9.4.6 To the maximum extent possible, the Contractor shall identify Military Specifications (MS), International Standards Office (ISO), Deutsches Institute fur Normung (DIN), American National Standard Institute (ANS/ANSI) specifications for hardware. The Contractor shall include at least two sources of supply for hardware items.

9.4.7 The Contractor shall submit the PPS on a CD-ROM as an Adobe Acrobat (.pdf) file. A separate file is required for each PPS result. The CD-ROM shall include a cross-reference list that identifies the P/N, drawing number, PLISN, and file name for each drawing. The naming convention for each PPS file shall be: Program Name: PCCN - PLISN Part Number PPS Version#. The drawing package should be in PLISN sequence to reduce the amount of space required to store the TDP and reduce multiple copies to a single electronic copy.

9.4.8 The Government reserves the right to cancel the provisioning conference if the data provided is determined to not meet the requirements. General guidance comments will be provided. The Contractor will have seven (7) days to fix all errors and resubmit the corrected information. At that time, the conference will be rescheduled at no additional cost to the Government, or added to the next scheduled conference.

9.5 Foreign Sources of Supply Notice (CDRL A027): The Contractor shall document any items that do not have a U.S._based source of supply and attach written confirmation from the foreign company that they will sell parts to the U.S. Government to the EDFP. The Contractor shall identify any items that are found to have a NATO NSN and attached written confirmation from the foreign company that they will sell parts to the U.S. Government to the PPS. This notice must also include the foreign companys Government sales representative name and contact information.

9.6 Clean/Green Hardware Certification (CDRL A028):

For both PPS and EDFP, the Contractor shall attach a letter from the manufacturer or source of supply certifying compliance to the above (C.9.1.8).

9.7 Clean/Green Hardware Exception (CDRL A029):

If the Contractor identifies an item that does contain any of the above listed items (see C.9.1.8), the Contractor shall request an exception to this requirement.

9.8 Clean/Green Hardware NSN Split (CDRL A030):

The Contractor shall ensure that any items with a PPS/existing NSN proposed have a source of supply listed on the NSN which certifies that the item is considered green or clean, as required by C.9.1.8. If the Contractor identifies an existing NSN and cannot confirm all sources of supply listed on the PPS are green, then the Contractor shall annotate this on a proposed NSN split form (Attachment A04).

10.0 Packaging/Handling/Storage/Transportation (PHS&T)

10.1 Theory of Packaging for the Husky M1231 Program: The Government requires a complete PHS&T portfolio developed for the Husky M1231

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program. This includes the development of logistics product coded data, updates and creation of Special Packaging Instructions (SPI), and updates to Equipment Preservation Data Sheets (EPDS). Long Life Reusable Containers (LLRC) are being developed under contract W56HZV-08-D-0001. The Government will provide existing packaging LMI coded data, SPIs, the EPDS, and LLRC TDPs as GFI in accordance with paragraph 3.3.3.2.

10.2 Packaging Data Development: The Contractor shall develop and provide packaging data for all items in the Husky M1231 program that have been provisioned with a Source, Maintenance & Recoverability (SMR) code beginning with P. Packaging data development priority shall be given to Long Lead Time Items (LLTI), repairable items, Line Replaceable Units, and any item classified as a Special Group Item. Packaging shall be developed in accordance with MIL-STD-2073-1D and each P-coded item shall be classified as a selective group item or special group item. Contractor shall provide facilities, equipment, materials, and provisioned items for packaging development. The Contractor shall complete verification and provide support data with each data submittal. Validation support data shall include item drawings and copies of any applicable Material Safety Data Sheets for Hazardous Material items. Items with assigned Contractor and Government Entity (CAGE) Codes of: 1T416, 21450, 80204, 96906, 10060, 24617, 80205, 99237, 80244, 81343, 81346, 81348, 81349, 81352, 88044, 05047 are excluded from packaging data development.

10.3 Item Classification: Each provisioned P-coded item shall be classified as a Selective group item or a Special group item IAW MIL-STD-2073-1D and paragraphs 10.3.1 and 10.3.2.

10.3.1 Selective group: Items classified as Selective group shall not have a unit pack weight exceeding 40 pounds and shall not have a dimension greater than 40 inches. In addition, the unit pack length and girth combined will not exceed 84 inches. A Select group item must not require disassembly for packaging. Reconfiguration for packaging of Select items is limited to folding or coiling. Items will not be classified as Select if they are repairable, recoverable, contain hazardous material, or if assigned a shelf life. Packaging data output for Selective group items is in the form of Logistics Product Data - Packaging (10.4).

10.3.2 Special group: Special group items often require sketches, figures, or narrative instructions to describe packaging requirements. Items excluded from the Selective group will be classified as Special group items. This includes kits, sets and items of separate parts, items requiring disassembly, repairable items, items requiring special handling or condemnation procedures, items classified as hazardous material or hazardous goods in transport, items assigned a shelf life, electrostatic discharge sensitive items, fragile, sensitive, and critical items. Packaging data output for Special group items is in the form of SPIs (10.5) and Logistics Product Data - Packaging (10.4).

10.4 Logistics Product Data Packaging (CDRL A031):

The Contractor shall develop and deliver logistics product packaging data for each P-coded Selective and Special group item and provide for the entry of information to the Governments data repository. The Government will provide a MS ACCESS application that provides data formatting and edit features for coding of packaging logistics product data. The Contractor shall develop, maintain and update packaging data in accordance with MIL-STD-2073-1D.

10.5 Special Packaging Instruction (SPI) (CDRL A032):

The Contractor shall develop and deliver a SPI for each item classified as a Special group item. Figures and narrative data shall be developed to describe the form, fit, and function of packaging in sufficient detail for production. SPI format shall be in accordance with MIL-STD-2073-1D; the SPI submission shall include copies of the corresponding Packaging Test Report (see 10.6) and Logistics Product Data - Packaging (10.4).

10.6 Packaging Test Report (CDRL A033):

The Contractor shall conduct validation testing for each item classified as a Special group item. The Contractor shall submit a packaging test report. Validation testing of Special group items shall be in accordance with ASTM D 4169 (Standard Practice for Performance Testing of Shipping Containers and Systems) Distribution Cycle 18, Assurance Level I, with Acceptance Criterion 3 (product is damage free and packaging is intact). Validation testing shall be limited to Test Schedule A and Test Schedule F. Replicate testing and climatic conditioning are not required. Each SPI submitted shall have a packaging test report including photographs. Photographs shall show the product before and after testing and that the product is undamaged. Packaging test reports shall be submitted concurrently with SPI submittal, and packaging logistics product data - packaging for the Special group items.

10.7 Equipment Preservation Data Sheets (EPDS) (CDRL A034):

The Contractor shall revise and deliver the (EPDS) for the Husky M1231 vehicle to reflect design changes that affect the system's shipment configuration, weight, or transportability. Contractor shall include requirements for disassembly procedures to meet clearance requirements for land, air, and sea shipments. Procedures shall ensure an option for drive-on/drive-off capability. The Contractor shall provide revisions to the EPDS for each provisioning change affecting packaging of BII or COEI. BII shall be packed separate from COEI. HAZMAT (if applicable) will be packaged and shipped separately in accordance with CFR Title 49. Contractor shall ensure the stowage locations shall deter pilferage and shall not interfere with lifting, tie down or other transportation handling. Format of EPDS shall be in accordance with MIL-STD-3003.

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10.7.1 Validation of EPDS: The Contractor shall conduct a validation of the EPDS and submit a Validation Report (CDRL A035). The Government will determine if all or selected portions of the Equipment Preservation Data procedures shall be validated to determine the adequacy of the vehicle preservation procedures. Primary considerations will be given to the complexity and uniqueness of the process or materials involved. The Contractor shall notify the Government sixty (60) days prior to Contractors validation. The Government must witness the Contractors validation.

11.0 Publications

11.1 Publications Requirements:

11.1.2 The Contractor shall use the analyses (See 6.0) developed under this Statement of Work to determine the operational, maintenance, and support functions of the system. The Contractor shall ensure that all logistics documents created under this effort cross-walk to each other and that there is consistency between all products. The Contractor shall use the MAC (see 6.6) as the baseline for creation of the TMs.

11.1.3 The Contractor shall create volumes that range from 1,000 to 1,200 pages. The page count can be negotiated for volume breaks between the Government and the Contractor to ensure good flow of the manual, if required. An example of the TM Volume Designation would be TM\~9_2355_XXX_10_1. The RCV Style Guide provides instructions on how to divide the troubleshooting chapter if it should happen to fall between volumes.

11.1.4 The Contractor shall revise the complete Husky M1231TM Suite to include the Red Pack and MDT Set TMs. This shall include updates to maintenance data, provisioning data, line art, schematics, as well as creation of new information for all ECPs identified. The TM Suite shall be revised in accordance with MIL-STD-40051_2B, Handbook 1222E, and MIL-STD-2361C, and the Route Clearance Style Guide, and Attachment A05 (General Publications Requirement). The TM Suite shall contain all required content and chapters. The TB 9-2355-316-13 shall be converted to a TM with RPSTL (13&P). The TM shall include Operator and Field levels of maintenance and a RPSTL. New information shall include shipping and storage container Troubleshooting, PMCS, Maintenance, RPSTL, MAC, and any applicable MIL-STD-required data elements.

11.1.5 The Contractor shall prepare and deliver ETMs and electronic files in accordance with Attachment\~A05 (General Publications Requirements).

11.1.6 In accordance with MIL-STD-40051-2B, the TM Suite shall be revised to contain:

11.1.6.1 A Warning Summary

11.1.6.2 An Alphabetical Index

11.1.6.3 GPO Style Guide-Approved Abbreviations

11.1.6.4 An Option 2 RPSTL Kit Section

11.1.7 The TM Suite shall not contain:

11.1.7.1 Bulleted Paragraphs in Warnings, Cautions, or Notes

11.1.7.2 Warning Icons

11.1.7.3 Abbreviated Warnings

11.1.8 The Contractor shall submit a written request to the COR to include any MIL-STD_40051_2B optional content not identified in 11.1 or Attachment A06 (TM Matrix) where the necessity for such optional content may arise during the development of the Husky M1231 TM Suite (to include Red Pack and MDT Set).

11.1.9 The Contractor shall revise Lubrication Orders (LOs). The LOs shall be developed in accordance with MIL_STD-40051-2B.

11.1.10 The Contractor shall include LLRC (see 9.1.7) information within the Field maintenance procedures. Items that are identified to have an LLRC shall address the container and procedures needed. The Field maintenance manual shall be considered incomplete if this information is missing. Items with an LLRC:

11.1.10.1 Engine

11.1.10.2 Transmissions

11.1.10.3 Transfer Cases

11.1.11 The Contractor shall develop all WPs found within the TMs and National Maintenance Work Requirements (NMWRs) with an attempt to use tools and equipment contained in the authorized tool sets/kits, minimizing use of special tools to support the end item. The Contractor shall notify the COR when any tools or equipment beyond the authorized tool sets/kits are required. The Contractor shall use to the maximum extent possible tools already available within the Army standard supply system when a tool is not found in the authorized tool sets/kits. The Contractor shall use commercial standards for certification of accuracy on TMDE to ensure proper TMDE is called out within the TM/NMWR (e.g., torque wrenches).

11.2 Copyright Release (CDRL A036): The Contractor shall certify in writing in the event no copyrighted information is used in a deliverable under this contract. AMSTA-LCC-MAI shall review the copyright release or license before the copyright material is released

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for publication. Final TM submissions will not be accepted and shall be considered incomplete without the appropriate copyright release (license) per DFARS 252.227-7103(d). The Government will distribute, copy, publish, and use the TMs, ETMs, and electronic data files delivered under this contract as the Government deems necessary. When the Contractor uses commercial data which cover a subcontractor's component(s) or portion thereof, and the subcontractor's data contain copyrighted material, the Contractor shall be responsible for obtaining the appropriate copyright release (license) from their subcontractor and furnishing such release to the Government. The copyright release shall be written for the Governments use and shall not prohibit duplications, release, or website publication. The Government, at its discretion, will post the final DA_authenticated TMs on the Internet for the Soldiers access. TMs shall not contain any copyright notices that are not in accordance with MIL-STD-40051-2B.

11.3 Source Material: The Contractor shall package and deliver all source material, defined as operating plans, standard procedures, computer documents and residual material, source codes, computer disks, computer tapes, and all other media containing digital files developed to fulfill the requirements of this contract to accompany each TM Final Reproducible Copy (FRC), as clarified by Attachment A07 (Source Data). All documentation (artwork, sketches, photographs, line art, modeling, and schematics) created for this effort belong to the Government and shall be turned over concurrent to FRC submission. The Contractor shall grant the Government unlimited rights to any and all data/products under this effort that are funded by the Government (see C.3.4.3.12.1).

11.4 Manuals Required. The Contractor shall revise the following manuals:

- TM 9-2355-316-10, Operator Manual, CDRL A037
- TM 9-2355-316-23 (Volumes 1 3), Field Maintenance Manual, CDRL A038
- TM 9-2355-316-23P, Field Maintenance RPSTL, CDRL A039
- LO 9-2355-316-13, Lubrication Instruction, CDRL A040
- TM-9-2330-338-13&P, Operator and Field Manual including a RPSTL CDRL A041
- NMWR 9-2355-377, Transmission NMWR with RPSTL, CDRL A042

The Contractor shall develop the following manuals:

- TM X-XXXX-XXX-13&P, Armor Solution, CDRL A043
- HR X-XXXX-XXX-10, Hand Receipt, CDRL A044
- NMWR X-XXXX-XXX, Engine NMWRs with RPSTL CDRL A045
- NMWR X-XXXX-XXX, Husky Vehicle NMWR with RPSTL, CDRL A046
- TB X-XXXX-XXX, Warranty TB, CDRL A047

The Contractor shall convert the following manual:

- TB 9-2355-316-13, Husky Vehicle and Mine Detonation Trailer (MDT) Packing and Unpacking to TM\~XXX_XXX_XXXX_13&P, CDRL A048

11.4.1 The Contractor is responsible for incorporating NSNs and NSN Cross-Reference Lists into the RPSTL. NSNs are not required for the DEP (Draft Equipment Publication) submittal. In addition, the Contractor shall prepare an ETM.

11.4.2 The Contractor shall ensure that the configurations are referenced in the manual by a serial number break-out. Tasks that vary between configurations shall have the serial numbers referenced for tasks unique to each configuration.

11.4.3 The Warranty Technical Bulletin (WTB) shall include all content requirements of MIL-PRF-63034B and also comprehensively detail how the Contractor shall fully administer the warranty, name and contact information (to include email/phone number) of the Contractors warranty point of contact, how the unit will file a claim, how the claim will be processed, and turn-around time for claims. The Warranty TB shall also detail all pass-through warranties on components. As a condition of warranty, the Contractor shall also be responsible for providing monthly status reports on Army Unit warranty claims to include Army Unit information, vehicle serial number, description of defect, and the status of each claim to the Product Management Office for Assured Mobility Systems (PdM_AMS). The warranty set forth shall not apply to any defect caused by misuse or abuse of the end item, damage incurred during Government transportation, or combat damage.

12.0 National Maintenance Work Requirement (NMWR)

12.1 NMWR Development: NMWRs shall be developed in accordance with MIL-STD-40051-2B and guidance found in MIL-HDBK-1222E.

12.1.1 NMWRs shall include preservation, packaging, and marking requirements. The packaging requirements for all components and the end item shall be in alignment with Equipment Preservation Data Sheets (EPDS, see 10.5), LLRCs (see C.9.1.7), Special Packaging Instructions (SPI, see 9.1.7), or coded packaging data developed under 1.0 Scope

12.1.2 Packaging, marking for shipment and storage, heat treatment, and working of wood packaging materials shall be included in each NMWR WP as necessary. Reference shall be made to the preparation for storage and shipment procedures, including packaging and administrative storage in the applicable instruction WP.

12.2 Component NMWRs: The Contractor shall provide inspection procedures, Overhaul Inspection Procedures (OIPs), a Mandatory Replacement Parts (MRP) list, final testing requirements, and any refurbishing instructions for all items listed below:

12.2.1 Engine NMWR

12.2.2 Transmission NMWR: Contractor shall revise NMWR 9-2355-377 and include the Husky M1231 Allison 2500 SP Transmissions. Various

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transmission included in NMWR 9-2355-377 shall be contained within separate chapters. Contractor will not be held responsible for the technical accuracy of transmissions 2520-01-557-6128 and 2520-01-574-0556 procedures as long as the Contractor does not modify existing procedures or information found within the document without explicit direction of the Government. The Contractor shall incorporate all redlines and ensure all referenced data within the NMWR and supporting information (EDIL, MRPL) is current, accurate, and properly referenced within the NMWR.

12.3 End Item NMWR: The Contractor shall develop procedures for the overhaul, rebuild, and repair of the end item. The end item NMWR shall reference component NMWRs developed under this effort. The Contractor shall provide inspection procedures, OIPs, an MRP list, final testing requirements, and any refurbishing instructions for the end item.

13.0 Contractor Validation

13.1 The Contractor shall conduct a validation of the PTMs delivered under this effort, per DA PAM 25-40. This validation shall be conducted to ensure accuracy, completeness, and compatibility to the rest of the documentation developed under this effort. The Contractor shall perform a 100% Validation, with 100% PMCS and troubleshooting performed hands-on. The rest of the material developed shall be a combination of hands-on live testing and desk-top review to ensure that the PTMs are fully operational. The Government will evaluate the operation, navigation and structure of PTMs submitted under this effort. The Contractor shall perform a 100% review of the ETM to ensure that it meets contract requirements.

13.2 To ensure the quality of the information provided (see 10.7.1), the Contractor shall not have the author of the instructions/work package be the same person who performs the validation procedure.

13.3 Validation Plan (CDRL A049):

The Contractor shall develop a Validation Plan. The Government has the right to review validation records and assess the Contractor's validation processes. The Government reserves the right to witness the entire performance of the Contractors Validation. Once the Validation Plan has been submitted the Contractor shall not adjust its schedule without at least 15 days prior notice to the Government. If the Contractor moves events/procedures within its validation schedule without proper notification, the Contractor shall re-perform Validation activities at the Government's discretion at no additional cost.

13.4 In order for the Contractor to move beyond the validation phase of this effort, the following exit criteria shall be met. The Government will provide notice to submit the PTM for verification after assessment of the below criteria.

13.4.1 The Government will attend at least 40% of the validation performance.

13.4.2 The Contractor shall provide a complete validation report (CDRL A050) to the Government.

13.4.3 Copies of critical task validated WP mark-ups and tracking sheet (as identified by the Government)

13.4.4 A certificate of validation (CDRL A051)

13.4.5 A Government approved quality assurance plan and process map (see 4.8)

14.0 Government Verification

14.1 In accordance with AR 700-127 and DA PAM 25-40, the Government is required to verify all publication deliverables for usability, accuracy, and safety. The Government will conduct Verification in accordance with the Government-published Verification Plan and agreed to by TRADOC. The Verification Plan is authored by the TACOM Publications Manager, who will coordinate with the TACOM Maintenance Manager and TRADOC Subject Matter Experts (SMEs) to ensure the plan covers all aspects of the manual. The plan will describe:

- 14.1.1 What is to be verified and when/where the Verification is to take place
- 14.1.2 List of participants and their roles/responsibilities
- 14.1.3 How the contents will be verified (methods to be used for each type of content)
- 14.1.4 Step-by-step conduct of procedural information (WP) performance
- 14.1.5 Support required by the Contractor

14.2 Performance of the Field level PTMs Verification will be either hands-on verification by user representatives or by desk-top review. PMCS are required to be performed 100-percent hands-on and 100-percent of schematics are required to be assessed on the end item; all other tasks will be performed using a method at the Publications Managers discretion in coordination with TRADOC. Government packaging personnel will participate in the verification of the EPDS.

14.3 Performance of the NMWR Verification will be by hands-on verification by U.S. Army Depot personnel. Government packaging personnel will participate in the verification of the EPDS.

14.4 The Government relies on complete, careful editing and review of all PTMs by the Contractor. If there are indications that the

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Contractor has performed incomplete or inadequate QA Reviews, insufficient Validation, or has changed the configuration without Government ECP approval, the Government may elect to return products for rework and will perform additional reviews on reworked product.

14.5 The Contractor shall support the Government Verification as required by the Verification Plan. The Verification Plan will outline the support (to include personnel, parts, EDIL, tools, special tools, and facilities) the Contractor is required to provide to the Government. The Contractor shall ensure the vehicles utilized during Verification are maintained at the 10/20 standard throughout the event. The Verification plan will identify the standard Government rejection criteria and the turn-around time for WPs reviewed during Verification (note: the Contractor shall plan to return No Go WPs within forty-eight [48] clock-hours or less). Entrance Criteria for Verification is:

14.5.1 Acceptance of all Validation Exit Criteria (see 13.4)

14.5.2 An updated TMQA (see 4.8)

14.5.3 EPDS Validation Report (see 10.7.1)

14.6 For the Field level PTMs, the Government will provide the Verification Plan, minus its appendixes, at the Start of Work.

14.7 For the NMWR PTMs, the Government will provide the Verification Plan, minus its appendixes, ninety days before the NMWR PTM is due.

14.8 The Government will review documents for technical accuracy, consistent wording, proper and accurate WP Initial Setup information, references, safety, illustrations, environmental and transportability requirements, compliance with test reports, and compliance to MIL-STD-40051-2B, MIL-HDBK-1222D, AR 25-30, the GPO Style Guide, and the RCV Style Guide. The Government reserves the right to reject any and all TMs/NMWRs developed for failure to comply with any applicable specification, standard, or guidance provided within this Statement of Work, or as indicated on the Task Data Sheets (TDSs) submitted during Verification by the Government.

14.9 The Government will verify that the MAC, RPSTL, and WPs all agree and support each other. Alignment between all manuals and information contained within each manual is critical to ensuring accuracy. The intent of Verification is to prove out the usability and accuracy of the TM/NMWR content. Maintenance tasks shall be accurate, usable, and able to be performed as written. The Government will ensure that the User is able to locate the component on which a task is to be performed; illustrations and callouts correctly support the procedural steps (from the Operator/Maintainers point of view); and that required Warnings, Cautions, and Notes are included, placed correctly, and are accurate.

14.10 The RPSTL will be fully assessed against the following criteria:

14.10.1 P coded items are assigned an NSN

14.10.2 Indexes are complete and accurate

14.10.3 Make-from items list the correct bulk material

14.10.4 NHAs can be identified for XA coded items

14.10.5 UOCs (if applicable) are accurate

14.10.6 Source Maintenance and Recovery (SMR) K- coded items identify the kit in which they are contained

14.10.7 Brackets in illustrations are consistent with indentures in parts lists

14.10.8 Only items submitted on the LSA-036 report are included in the RPSTL

14.10.9 Items outlined in the RPSTL align with information provisioned in the LSA-036 report

14.10.10 There are no missing components

14.10.11 The illustrations clearly identify the parts

14.11 At minimum, the Contractor shall provide the following support:

14.11.1 One (1) technical writer, who will take notes of all corrections required and answer any questions about TM/NMWR development per team.

14.11.2 One (1) technical expert on the end item who will be available to answer questions about the equipment per team.

14.11.3 Provide the necessary unique support items and services to manage, support, operate, and maintain the end item during all TM and NMWR Verifications. These will include EDIL (TM Verifications only), unique repair parts, and MRPs subject to damage or destruction during the course of the Verification. These items will be made available throughout the TM/NMWR Verification.

14.11.4 The Contractor shall provide the required STTE identified in the TM/NMWRs.

14.11.5 The Contractor shall repair the GFE during Verification if it is damaged or not working.

14.11.6 The Contractor shall provide the required BII and COEI to support the Verification as required.

14.12 The Contractor shall make all corrections to the TM/NMWR and document any discrepancies between the Government TDSs and what the Contractor incorporates into the TM/NMWR (CDRL A052).

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15.0 New Equipment Training (NET)

15.1 The Contractor shall develop, update, and validate the NET support package for the Husky M1231 vehicle in accordance with technical manual revisions, Attachment A08 (OPNET Review), and Attachment A09 (FLMNET Review) and system changes. The NET support package shall cover system operation, controls, student guide, instructor guide, troubleshooting, maintenance required to safely operate and maintain the Husky M1231 vehicle. The Contractor shall update the New Equipment Training Support Package for both Operator and Field Level Maintenance in accordance with AR 350-1, TRADOC Regulation 350-70 (Army Learning Policies and Systems), and TRADOC pamphlets 350-70-1 thru 350-70-6.

15.2 Training Program: The Contractor shall update the Husky M1231 vehicle training program in accordance with AR350-1, TRADOC Regulation 350-70 (Army Learning Policies and Systems), TRADOC pamphlets 350-70-1 thru 350-70-6, MIL-PRF-29612B, MIL-HDBK-29612-1A, Parts 1 thru 4.

15.2.1 Critical Task List (CTL): The Contractor shall update the Critical Tasks List (CTL) for both Operator and Maintenance Training. The Operator CTL shall include Operator/Crew tasks (CDRL A053); the Field Level CTL shall include Maintainer tasks (CDRL A054). The Government will approve the CTL before the NET package can be updated.

15.2.2 New Equipment Training (NET) Package: The Contractor shall update both Operator (CDRL A055) and Field Level Maintainer NET Packages (CDRL A056) in accordance with technical manual revisions, lessons learned and system changes. The NET Package format shall be developed in accordance with TRADOC Regulation 350-70. The NET Package shall include at a minimum items identified on the Government approved CTL (see C.15.2.1); the Contractor can identify additional items for inclusion in the NET package during the TRCs (see C.5.6). The Government will assess the NET Package for compliance with AR 350-1, TRADOC Regulation 350-70 (Army Learning Policies and Systems), TRADOC pamphlets 350-70-1 thru 350-70-6, AR 385-10, and consistency with the technical manuals developed. Both the Operator and the Field Level Maintenance NET Package will consist of an updated Program of Instruction (POI) and Training Support Package (TSP) for the complete Husky M1231 vehicle.

15.2.2.1 Program of Instruction (POI): The Contractor shall update and deliver the POI (Operator, CDRL A057; Maintainer, CDRL A058) in accordance with technical manual revisions, lessons learned and system changes. POI format shall be developed in accordance with AR 350-1, TRADOC Regulation 350-70. The POI shall be developed in accordance with TRADOC Pamphlet 350-70-9 Chapter 4 and 5. POI shall include at a minimum 1) Outline of all training modules/lessons for all variants using the 2) Government approved CTL (15.2.1) to identify any potential training task 3) Recommended Training Aids, Devices, Simulation, Simulators (TADSS) to models, mock-up, actual components/parts task trainers, and Fault Inducement Kit (FIK) list to support fault Tracks identified 4) list of projected Fault Tracks from the Interactive Electronic Technical Manual (IETM) or Electronic Technical Manual (ETM) work packages to be used during Technical Training of the field Level Maintainer course, using MSD/ICE/Hydraulic/electric test equipment. 5) Training consumables 6) Special tools and Test Equipment (STTE). 7) Training Support Requirements (Listing that identifies all materials and equipment needed to support a stand-alone training effort. The Government will assess the POI for compliance with AR 350-1, TRADOC Regulation 350-70 (Army Learning Policies and Systems), TRADOC pamphlets 350-70-1 thru 350-70-6.

15.2.2.2 Training Support Package (TSP): The Contractor shall update and deliver an Operator (CDRL A059) and Field Level Maintainer TSP (CDRL A060) in accordance with technical manual revisions, lessons learned and system changes. The TSP format shall be in accordance TRADOC Pamphlet 350-70-8. The TSP shall be developed in accordance with TRADOC Pamphlet 350-70-1 Chapter 6. The TSP shall be a complete, exportable package integrating training products, materials, and information necessary to train tasks depicted in the Government approved CTL (15.2.1), ; Instructor Guide (15.2.2.2.1), Student Guide (15.2.2.2.2), Media Package (Attachment A10), Test (15.2.4), Test Key (15.2.4), Practical Exercise (15.2.3), Technical Training Course Material (15.2.2.3). The Government will assess the TSP for compliance with AR 350-1, TRADOC Regulation 350-70(Army Learning Policies and Systems), TRADOC pamphlets 350-70-1 thru 350-70-6.

15.2.2.2.1 Instructor Guide: The Contractor shall update the Instructor Guide for both the Operator (CDRL A061) and Field Level Maintainer TSPs (CDRL A062) in accordance with technical manual revisions, lessons learned and system changes. The Contractor shall deliver one updated Instructor Guide per instructor in hard copy and digital media at each I&KPT course. The Instructor Guide is used by the Instructor during training, providing additional information, answers and clarification to assist in conducting the training event. The Instructor Guide shall align with the Government approved CTL (15.2.1) and the technical manuals. The Instructor Guide shall be formatted in accordance with TRADOC Pamphlet 350-70-2. The Instructor Guide shall also include the updated tests (15.2.2.4), view-graphs (Attachment A10), blank course critiques, acronym list, and course training schedule, Practical Exercise (15.2.3), Technical Training Course Material (15.2.2.3).

15.2.2.2.2 Student Guide: The Contractor shall update and deliver Student Guides for both Operator (CDRL A063) and Field Level Maintainer TSP. (CDRL A064) in accordance with technical manual revisions, lessons learned and system changes. The Contractor shall provide one Student Guide per student in hard copy and digital media at each NET course. The Student Guide shall be formatted in accordance with TRADOC Pamphlet 350-70-2. The Student Guide shall align with the Instructor Guide; the Student Guide is provided to all student attendees as a workbook of information to support the training event. The Student Guide shall also include updates to view-graphs (Attachment A10), blank course critiques, acronym list, and course training schedule, Practical Exercise (15.2.3), Technical Training Course Material (15.2.2.3).

15.2.2.2.3 Technical Training Course Material: The contractor shall deliver updates to technical training course material as is

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appropriate for the skill levels of the targeted audiences for both Operator and Field Level Maintainer TSP. The training shall be used for the Operation/Operator Maintenance of the Husky M1231 vehicle (NET) for MOS 12B, and Field Level of Maintenance (NET) for MOS 91B.

15.2.2.4. Test Questions Key: The contractor shall deliver updates for three 25 question tests with keys for both the Operator (CDRL A065) and Field Level Maintenance Courses (CDRL A066) in accordance with technical manual revisions, lessons learned and system changes. The contractor shall provide updates to all changes to training aids/materials corresponding to any configuration change to the Husky M1231 vehicle in accordance with AR350-1, TRADOC Regulation 350-70 (Army Learning Policies and Systems), TRADOC pamphlets 350-70-1 thru 350-70-6.

15.2.3. Classroom and Practical Exercise (PE): The instruction shall be a combination of classroom and Practical Exercise (PE) (hands-on) training. PEs shall be conducted using the primary equipment to teach operation, assembly and disassembly, inspection, testing, troubleshooting, repair, and safety procedures that align with the Government approved CTL (C.15.2.1). The training shall provide Government personnel with the knowledge, technical qualifications, and reference materials necessary to perform all operations, operator maintenance, and field level maintenance tasks required to successfully accomplish their assigned mission.

15.2.5 Training Certificate (CDRL A067): The Contractor shall provide each student a Training Certificate on the last day of the training course. Course critique sheets and attendance rosters shall be delivered to the NET Manager, SFAE-CSS-MR-A Systems Acquisition Manager (SAM) and ILS Manager.

15.2.6. Electronic Editable Copy: The Contractor shall deliver an electronic editable copy of the complete TSP (C.15.2.2.2) to the Government for future training with a data package of all updated training illustrations in accordance with technical manual revisions, lessons learned and system changes. (All training support packages delivered shall be in an electronic editable copy). The Government reserves the right to record any or all training, photographically or electronically, for instructional use or review. If the Contractor wishes to claim a copyright to the presentation recorded by the Government, the Contractor grants to the Government a license to that copyrighted work for any and all uses the Government will make of that recording.

15.3 Government Verification/I&KPT: The Contractor shall provide an updated I&KPT that will be supported by the Job Task Analysis (JTA). The Contractor shall modify the information contained in the Government approved Operator and Field Level Maintenance New Equipment Training materials to align with the TM changes. These training materials shall be modified to reflect any additions or deletions as dictated by the Government approved Operator and Field level Maintenance NET packages. The Government will assess all of the Contractors submissions during I&KPT and assess the documentation for compliance with this contract, alignment with the TMs and compliance with TRADOC Regulation 350-70 and guidance cited within C.15. The Contractor shall ensure the vehicles utilized during I&KPT are maintained at the 10/20 standard throughout the event.

15.4 Training Aids: The Contractor shall update the Fault Insertion/Breakout Boxes and the Operator Aids to incorporate all ECPs and configuration changes.

16.0 Diminishing Manufacturing Sources and Material Shortages (DMSMS)

16.1 DMSMS Management Plan (CDRL A068):

The Contractor shall develop a DMSMS plan and revise through the life of this contract if new technologies have been developed to managed DMSMS and obsolescence. The Contractor shall develop and maintain DMSMS management plan for managing the loss, or impending loss of manufacturers or suppliers of parts or material as required by DoD 4140.1_R, DoD Supply Chain Management Material Regulation. The Contractor shall alert the COR as within 5 days when it has been determined that a part has been identified as diminishing or obsolete part. The Contractor shall revise the engineering drawing, schematics and specification when the Contractor identifies that it has made changes to a part. The Contractor must ensure that all of the hardware is producible and maintainable throughout the life cycle of the contract. The Contractor must present updated status of DMSMS and obsolescence issues at scheduled IPR meetings and brief resolution options.

16.2 DMSMS Forecasting and Notifications: The Contractor shall establish a process for identifying and notifying the Government of forecasted and identified DMSMS issues. The Contractor shall use a predictive tools and methods to proactively forecast and monitor parts for DMSMS. The Contractor shall provide access to the Government, for review, all DMSMS information. Government representatives will participate as a member of the DMSMS Management Team (DMT) and have full access to all DMSMS data and information.

16.3 Engineering Bill of Material (E-BOM) (CDRL A009):

The Contractor shall provide an E-BOM to support the Husky M1231, Red Pack, and MDT Set configurations.

17.0 Vehicle Deficiencies

17.1 The Contractor shall perform a detailed inspection and assessment report on each vehicle and major components (i.e. Red Pack, MDT Set) at the conclusion of Validation, Verification and I&KPT. The inspection shall include identification of all deficiencies on the equipment that prohibit it from being production representative 10/20 standards. The Contractor shall provide the inspection and assessment report (CDRL A069).

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17.2 Any deficiencies found on the equipment as a result of Validation, Verification, and I&KPT shall be corrected by the Contractor within 15 days.

18.0 Field Maintenance Tool Kit (FMTK)

18.1 Requirement: The Government will provide the existing FMTK to the Contractor prior to Contractor Validation (see 13.0) and Verification (see 15.0). The Contractor shall develop and produce both a quantity of one, complete FMTK and a quantity of one FMTK supplement kit in support of the Husky. The tools and placards comprising the FMTK and FMTK supplement kits shall be contained in Pelican type containers. The Pelican type containers and the customized foam inserts for tool location are to be considered part of each respective kit and shall be included in the TDP (see 18.7). The Contractor shall build its prototype with the STTE identified as required based on the existing FMTK (see Attachment All) and the MA and MAC tools listed. The Contractor shall modify its FMTK as a result of Contractor Validation (see 13.0) and Verification (see 15.0). The Contractor shall provide pricing for all required tools and shall quote Brand Name or Equal.

18.2 Tool Layout Plan (CDRL A069):

The Contractor shall design a tool layout plan for both kits and submit to the Government in current Microsoft Office software suite using the Contractors format (both written description and 3-D design). Design shall focus on following objectives: optimize space utilization, logically juxtaposition related tools (tools used on similar items/tasks), maximize tool visibility/ identification and availability. The Contractor shall produce a physical prototype for product verification upon approval of design by the Government. Physical prototype shall be made available to the Government for review/inspection. Any required modifications/corrections indicated by the Government shall be made prior to final acceptance. All documentation and physical items developed under this PWS will become Government property and may be used in future procurement activities.

C.18.3 Digital Images: Contractor shall supply digital images of all items contained in complete FMTK under development. The Contractor shall assume full responsibility to assure the digital images are of sufficient quality and in the proper format. The Government will reject any images that are blurred, too dark, too light or of otherwise poor quality. The Contractor shall bear the responsibility to provide new images at no additional cost to the Government in the event images are rejected.

18.3.1 Individual Tool Images (CDRL A070):

The Contractor shall provide digital images of each component that is specified within the components lists. The digital images shall be of a sufficient resolution and quality that they can be clearly viewed on a Government prepared web site. The file shall be a .jpeg format. The filename of each image shall be the NSN/Part Number of that individual tool with the .jpeg extension.

18.3.2 Set Images (CDRL A071):

The Contractor shall provide a digital image of the entire Tool Load/Set procured within the contract. For containerized Sets, Kits, and Outfits (SKO), the images shall be of the open container(s) with the individual tools laid out around the container, and of each container/case/drawer/tray/etc. with the tools in their respective locations.

18.4 Copyright release letter (CDRL A072):

The Contractor shall certify in writing in the event no copyrighted information is used in a deliverable under this contract. If there is copyrighted information, the Government shall review the copyright release or letter before the copyright material is released on the PM SKOT website. Final TM submissions will not be accepted and shall be considered incomplete without the appropriate copyright release license per DFARS 252.227-7013(d).

C.18.5 The Contractor shall be responsible for procuring all tools, foam and other components parts, pieces, raw stock to install the tool load. The Contractor shall cut foam for the cases and integrate the foam and special tools in accordance with the layouts and/or drawings. The Contractor shall notify the COR of all tools components parts, pieces, raw stock that has a lead time of more than 60 days. The Contractor shall procure stock store inventory long lead items. The Contractor shall not deviate from the approved layouts or drawings without first obtaining approval from the COR. The Contractor shall develop a placard, integrating digital pictures of drawers and trays and cases indicating tool locations. All labels/placards shall be made to allow a successful usage life of at least 10 years.

18.6 Production Quantities: The Contractor shall be responsible to produce the total quantity of 1 complete FMTK and 1 FMTK supplement.

18.7 Technical Data Package (CDRL A073):

The contractor shall develop a Level III TDP per MIL-DTL-31000D in support of the FMTK which shall include containerized tools a placard/booklet, integrating digital pictures of drawers and trays and cases indicating tool locations. All labels/placards shall be made to allow a successful usage life of at least 10 years. The Government shall provide the contractor with TACOM (19207) Kit drawing numbers that will be associated with the development of the Level III TDP at the Start of Work Meeting.

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18.8 Verification of the Contractor Responsibilities

18.8.1 Receipt: The Government reserves the right to witness and inspect the Contractor's method to receive, inspect, secure, inventory and ship equipment purchased by the Contractor in support of this effort. The Contractor shall update methods as require when deficiencies are found.

18.8.2 Oversight: The Government reserves the right to witness over packing of the special tools to insure of proper tool placement and verify inventory. Failure of the Contractor to correctly pack the tools shall be cause for rejection of that case.

18.8.3 Delays: The Government will not be responsible for any extension or delays in scheduled deliveries under this contract as a result of the Contractor's obligations to correct defects, nor shall there be any adjustment for delivery schedule as a result of correction of defects.

19.0 [OPTION] Human Factor Engineering Analysis (HFEA) (CDRL A074):

The Contractor shall update and deliver an HFEA. The HFEA shall describe the status of the systems human factors engineering program and contain adequate data to support the Contractors assertions that the system meets the human factors engineering requirements for Milestone Decision and Design Reviews. The Contractor shall identify HFE shortfalls or issues and implement appropriate resolutions. As guides for managing the HFE program, the Contractor may use MIL-STD-1472G, Human Engineering Design Criteria for Military Systems Equipment and Facilities, and MIL-STD-1474, Noise Limits Design Criteria for Military Systems Equipment and Facilities.

20.0 [OPTION] Safety Assessment Report (SAR) Generation Engineering Support Services (CDRL A075):

20.1 The Contractor shall as a result of safety analyses, hazard evaluations, and testing, prepare and deliver an update to the SAR documenting the changes made to the system and the impact the changes have on the safe operation of the system. The SAR shall identify all safety features, discuss all potential safety and health related problem areas and shall establish special procedures and precautions to be observed by Government test agencies and system users.

20.2 The Contractor shall update the SAR to reflect the modifications or changes to the configuration and shall maintain and update this information throughout the life of the contract.

20.3 The Contractor shall perform system analysis, definition, integration planning, design, and full development as required by this PWS. During system analysis, definition, integration planning, and design, the Contractor shall ensure that logistics, producibility, quality, human factors safety, MANPRINT, test RAM-D, and environmental impact are considered. All trade-off evaluations conducted shall include consideration and an estimate of production cost and, if applicable, retrofit and further development costs in the study.

21.0 [OPTION] Hazardous Materials Management Report (HMMR) (CDRL A076):

21.1 The Contractor shall update and deliver the HMMR which, at a minimum, shall identify all hazardous materials delivered on the vehicle or required for operation and sustainment, specifying the part(s) containing the hazardous material. The HMMR shall also identify all hazardous materials used in the final system manufacture and assembly, specifying the processes utilizing the hazardous material.

21.2 This report shall be prepared in accordance with National Aerospace Standard 411, section 4.4.(Exception to NAS 411 Section 4.4.1: Hazardous material used in system manufacture and assembly shall be identified in the report in addition those hazardous materials delivered and required for operation and support.) The report shall include a listing of prioritized hazardous substitute materials for minimization/elimination and identify those hazardous materials/processes for which non-hazardous substitute materials/technologies may be available for implementation. The HMMR shall specify which phase (manufacture, operation, and or sustainment) that each material is required for.

21.3 Status, changes or issues with the HMMR shall be discussed as a part of each IPR (see 5.4).

22.0 Corrosion Prevention and Control (CPC) Report (CDRL A077):

The Contractor shall develop and deliver a CPC Report using information found in the Corrosion Prevention and Control Planning Guidebook Spiral 3. The CPC Report shall include the process/finish specification (materials and processes for corrosion prevention and control) that specify the detailed finish and coating systems to be used on the procured weapon system; and address sustainability and logistics considerations. The Contractor shall also include any updates/configuration changes based on any changes in design, materials of construction and maintenance which are required. The CPC Report shall include a discussion of corrosion prevention techniques employed in design, including measures taken to minimize water collection/entrapment and collection of debris, mitigate corrosion in areas inaccessible to cleaning and maintenance. The updated CPC Report should include any test data generated by the unit manufacturer for coatings and materials or relevant observations of corrosion on fielded units.

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*** END OF NARRATIVE C0001 ***

Regulatory Cite	Title	Date
1 52.211-4072	TECHNICAL DATA PACKAGE INFORMATION	JUL/2012

The following Xd item applies to this solicitation:

[X] 1. There is no Technical Data Package (TDP) included with this solicitation.

[] 2. This solicitation contains one or more web-located TDPs. If multiple Contract Line Item Numbers (CLINS) are listed below, each one will have its own URL just under the CLIN listing. The URL will take you to that CLINs Web-located TDP. To access the TDP, you will have to copy or type the links URL to your web browser address bar at the top of the screen.

Note: To copy a link from a .pdf file, click on the Text Select Tool, then highlight the URL, copy and paste it into your browser, and hit the Enter key.

CLIN: -1-

TDP Link (URL): -2-

[] 3. The TDP for this solicitation resides within FedBizOpps (://www.fbo.gov), associated with this solicitation number, and can be accessed via this URL:

-3-

To access the data through FBO:

a. Log on to the FBO web site.

b. Enter your Marketing Partner Identification Number (MPIN).

c. Search for the solicitation number.

d. If solicitation is Export Controlled, select Verify MPIN.

(1) TDPs that have an Export Control Warning Notice are subject to the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et.seq.) or the Export Administration Act of 1979, as amended, Title 50, U.S.C, App. 2401 et. seq..

(2) Further dissemination must be in accordance with provisions of DoD Directive 5230.25. This also applies to distribution of the TDP to all SUBCONTRACTORS at every level.

(3) To obtain these TDPs, vendors and contractors must have a current DD 2345, Militarily Critical Technical Data Agreement on file with Defense Logistics Information Service (DLIS).\~ If you are currently certified, your MPIN will be verified and you may proceed to the next step.\~ To obtain certification, go to ://www.dlis.dla.mil/jcp/

click on documents and follow instructions provided. Processing time is estimated at six (6) to ten (10) weeks after receipt. FBO will allow you to access export controlled TDPs once certification is confirmed.

(4) Upon completion of the purposes for which Government Technical Data has been provided, the Contractor is required to destroy all documents, including all reproductions, duplications, or copies thereof as may have been further distributed by the Contractor. Destruction of this technical data shall be accomplished by: shredding, pulping, burning, or melting any physical copies of the TDP and/or deletion or removal of downloaded TDP files from computer drives and electronic devices, and any copies of those files.

e. If technical data is otherwise restricted, select Request Explicit Access. This will generate an email to the FBO system administrator at Army Contract Command - Warren (DTA) with all the information needed for them to grant you access. FBO will subsequently automatically generate an email stating when you have permission to view or download TDP items. Allow 2 3 working days to complete this FBO-TDP access/approval process through the FBO system.

f. If multiple individuals in your company need access to the Technical Data Package (TDP) for a solicitation and an explicit access request is required, each individual MUST submit an explicit access request to be granted approval to view the TDP. Those same individuals MUST be registered in Federal Business Opportunities (FBO). Any individuals no longer with the company should be deleted. Questions related to registration in FBO should be directed to ://www.fbo.gov/index The FBO helpdesk phone number is (866) 606-8220. Vendors are responsible for placing correct information in FBO.

g. It is strongly suggested that you submit the explicit access request and provide the buyer with the completed Use and Non-Disclosure Agreement at the same time if the solicitation requires both to gain access to view the TDP.

h. A user guide for FBO can be found at ://www.fbo.gov - on the right is User Guides - click on Vendor.

[End of clause]

2 52.204-4020	ACCESS AND GENERAL PROTECTION/SECURITY POLICY AND PROCEDURES	JUN/2012
	(TACOM)	

The contractor and all associated subcontractors employees shall comply with applicable installation, facility, and area commander installation and facility access and local security policies and procedures (provided by the Government representative). The contractor shall also provide all information required for background checks to meet installation access requirements to be accomplished by the installation Provost Marshal Office, Director of Emergency Services, or Security Office. The contractor workforce must comply with all personal identity verification requirements as directed by DoD, HQDA, and/or local policy. In addition to the changes otherwise authorized by the changes clause of this contract, should the Force Protection Condition (FPCON) at any individual facility or installation change, the Government may require changes in contractor security matters or processes.

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3 52.204-4022 REQUIREMENT FOR AN OPSEC STANDING OPERATION PROCEDURE/PLAN JUN/2012
(TACOM)

The contractor shall develop an OPSEC Standing Operating Procedure (SOP)/Plan within 90 calendar days of contract award, to be reviewed and approved by the responsible Government OPSEC officer, per AR 530-1, Operations Security. This SOP/Plan will specify the governments critical information, why it needs to be protected, where it is located, who is responsible for it, how to protect it and include required usage of the OPSEC Review Certification form (STA 7114 or similar). In addition, the contractor shall identify an individual who will be an OPSEC Coordinator. The contractor will ensure that this individual becomes OPSEC Level II certified per AR 530-1.

4 52.209-4023 OPSEC TRAINING REQUIREMENT JUN/2012
(TACOM)

Per AR 530-1, Operations Security, new contractor employees must complete Level I OPSEC training within 30 calendar days of reporting for duty. All contractor employees must complete annual OPSEC awareness training.

(End of Clause)

5 52.237-4000 CONTRACTOR MANPOWER REPORTING (CMR) FEB/2013
(TACOM)

The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site where the contractor will report ALL contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract via secure data collection site. The contractor is required to completely fill in all required data fields in the format using the following web address: <https://cmra.army.mil> . The required information includes the following:

- (1) Contracting Office, Contracting Officer, Contracting Officer's Technical Representative;
- (2) Contract number, including task and delivery order number;
- (3) Beginning and ending dates covered by reporting period;
- (4) Contractor name, address, phone number, e-mail address, identity of contractor employee entering data;
- (5) Direct labor hours (including sub-contractors);
- (6) Direct labor dollars paid this reporting period (including sub-contractors);
- (7) Total payments (including sub-contractors);
- (8) Predominant Federal Service Code (FSC) reflecting services provided by contractor (and separate predominant FSC for each sub-contractor if different);
- (9) Data collection cost;
- (10) Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (the Army Requiring Activity is responsible for providing the contractor with its UIC for the purposes of reporting this information);
- (11) Locations where contractor and sub-contractors perform the work (specified by zip code in the United States and nearest city, country, when in an overseas location, using standardized nomenclature provided on website);
- (12) Presence of deployment or contingency contract language; and
- (13) Number of contractor and sub-contractor employees deployed in theater this reporting period (by country).

Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the help desk at : <https://cmra.army.mil>.

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PACKAGING AND MARKING

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1	52.211-4517 (TACOM)	PACKAGING REQUIREMENTS (COMMERCIAL)	DEC/2007

(a) The preservation, packing, and marking requirements for this contract/order shall be accomplished in accordance with the performance requirements defined herein. The following Packaging requirements shall apply:

LEVEL OF PRESERVATION: Commercial

LEVEL OF PACKING: Commercial

QUANTITY PER UNIT PACKAGE: One (1)

(1) Packaging: Preservation, packaging, packing, unitization and marking furnished by the supplier shall provide protection for a minimum of one year and meet or exceed the following requirements. It also provides for multiple handling, redistribution and shipment by any mode.

(2) Cleanliness: Items shall be free of dirt and other contaminants which would contribute to the deterioration of the item or which would require cleaning by the customer prior to use. Coatings and preservatives applied to the item for protection are not considered contaminants.

(3) Preservation: Items susceptible to corrosion or deterioration shall be provided protection by means of preservative coatings, volatile corrosion inhibitors, desiccants, waterproof and/or watervaporproof barriers.

(4) Cushioning: Items requiring protection from physical and mechanical damage (e.g. fragile, sensitive, material critical) or which could cause physical damage to other items, shall be protected by wrapping, cushioning, pack compartmentalization, or other means to mitigate shock and vibration to prevent damage during handling and shipment.

(b) Unit Package: A unit package shall be so designed and constructed that it will contain the contents with no damage to the item(s), and with minimal damage to the unit pack during shipment and storage in the shipping container, and will allow subsequent handling. The outermost component of a unit package shall be a container such as a sealed bag, carton or box. Unit packs shall be designed to conserve weight and cube while retaining the protection required and enhancing standardization.

(c) Unit Package Quantity: Unless otherwise specified, the unit package quantity shall be one each part, set, assembly, kit, etc.

(d) Intermediate Package: Intermediate packaging is required whenever one or more of the following conditions exists:

- (1) The quantity is over one (1) gross of the same national stock number,
- (2) Use enhances handling and inventorying,
- (3) The exterior surfaces of the unit pack is a bag of any type, regardless of size,
- (4) The unit pack is less than 64 cubic inches,
- (5) The weight of the unit pack is under five (5) pounds and no dimension is over twelve (12) inches.

Intermediate containers shall be limited to a maximum of 100 unit packs, a net load of 40 pounds, or a maximum volume of 1.5 cubic feet, whichever occurs first.

(e) Packing:

(1) Unit packages and intermediate packages not meeting the requirements for a shipping container shall be packed in shipping containers. All shipping containers shall be the most cost effective and shall be of minimum cube to contain and protect the items.

(2) Shipping Containers: The shipping container (including any necessary blocking, bracing, cushioning, or waterproofing) shall comply with the regulations of the carrier used and shall provide safe delivery to the destination at the lowest tariff cost. The shipping container shall be capable of multiple handling, stacking at least ten feet high, and storage under favorable conditions (such as enclosed facilities) for a minimum of one year.

(f) Unitization: Shipments of identical items going to the same destination shall be palletized if they have a total cubic displacement of 50 cubic feet or more unless skids or other forklift handling features are included on the containers. Pallet loads must be stable, and to the greatest extent possible, provide a level top for ease of stacking. A palletized load shall be of a size to allow for placement of two loads high and wide in a conveyance. The weight capacity of the pallet must be adequate for the load. The preferred pallet is a 40 x 48 inch, 4-way entry pallet although variations may be permitted as dictated by the characteristics of the items being unitized. The load shall be contained in a manner that will permit safe handling during shipment and storage.

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(g) Marking:

(1) All unit packages, intermediate packs, exterior shipping containers, and, as applicable, unitized loads shall be marked in accordance with MIL-STD-129, Revision P, Change Notice 4, dated 19 Sep 2007, including bar coding and Military Shipment Label (MSL). The contractor is responsible for application of special markings as discussed in the Military Standard regardless of whether specified in the contract/order or not. Special markings include, but are not limited to, Shelf-life markings, structural markings, and transportation special handling markings. The marking of pilferable and sensitive materiel will not identify the nature of the materiel. Passive RFID tagging is required in all contracts that contain DFARS clause 252.211-7006. Contractors must check the solicitation and/or contract for this clause. For details and most recent information, see <http://www.acq.osd.mil/log/rfid/index.htm> for the current DoD Suppliers Passive RFID Information Guide and Supplier Implementation Plan. If the item has Unique Item Identifier (UII) markings then the concatenated UII needs to be 2D bar coded and applied on the unit package, intermediate and exterior containers, and the palletized unit load.

(h) Hazardous Materials (As applicable):

(1) Hazardous Materials is defined as a substance or waste which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce and which has been so designated. (This includes all items listed as hazardous in Titles 29, 40 and 49 CFR and other applicable modal regulations effective at the time of shipment.)

(2) Packaging and marking for hazardous material shall comply with the requirements herein for the mode of transport and the applicable performance packaging contained in the following documents:

- International Air Transport Association (IATA) Dangerous Goods Regulations
- International Maritime Dangerous Goods Code (IMDG)
- Code of Federal Regulations (CFR) Title 29, Title 40 and Title 49
- Joint Service Regulation AFJMAN24-204(I)/TM38-250/NAVSUPPUB 505/MCO P4030.19(I)/DLAM 4145.3(I) (for military air shipments).

(3) If the shipment originates from outside the continental United States, the shipment shall be prepared in accordance with the United Nations Recommendations on the Transport of Dangerous Goods in a manner acceptable to the Competent Authority of the nation of origin and in accordance with regulations of all applicable carriers.

(4) A Product Material Safety Data Sheets (MSDS) is required to be included with every unit pack and intermediate container and shall be included with the packing list inside the sealed pouch attached to the outside of the package.

(i) Heat Treatment and Marking of Wood Packaging Materials: Boxes/pallets and any wood used as inner packaging made of non-manufactured wood shall be heat-treated. All WPM shall be constructed from heat treated (treated to 56 degrees Celsius -core temperature- for 30 minutes) lumber and certified by an accredited agency accredited by the ALSC in accordance with Wood Packaging Material Policy and Wood Packaging Material Enforcement Regulations (see URL: <http://www.alsc.org>). The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall ensure traceability to the original source of heat treatment. Marking: Each box/pallet shall be marked to show the conformance to the International Plant Protection Convention Standard. The quality mark shall be placed on both ends of the outer packaging, between the end cleats or end battens. Pallet markings shall be applied to the stringer or block on diagonally opposite sides and ends of the pallet and be contrasting and clearly visible. All dunnage used in configuring and/or securing the load shall also comply with ISPM-15 and be marked with an ALSC approved dunnage stamp, marked at two foot intervals (in the case of dunnage shorter than 2 feet, each piece must still have the mark present). Foreign manufacturers shall have the heat treatment and marking of non-manufactured wood products verified in accordance with their National Plant Protection Organizations compliance program.

(j) Quality Assurance: The contractor is responsible for establishing a quality system. Full consideration to examinations, inspections, and tests will be given to ensure the acceptability of the commercial package.

(k) SUPPLEMENTAL INSTRUCTIONS:

(1) Unit marking will be in compliance with paragraph 4.1.1 of MIL-STD-129P. When a shipment requires more than one shipping container, markings will be in accordance with paragraph 5.2.14 of MIL-STD-129P, 1 of 2, 2 of 2. The nomenclature will be omitted from the exterior shipping container.

(2) Unit pack shall be quantity one complete FMTK Kit comprising of all components and accessories described in this SOW and one complete FMTK Supplement Kit. Paragraphs (a) through (j) above applies to each component of the kit for unit packaging. Items of ferrous metals packaged in VCI bags shall comply to the following: The bag shall be non-toxic, transparent, 4 MIL thick polyethylene film having a multi-metal Volatile Corrosion Inhibitor. Bag shall be fabricated in accordance with MIL-DTL-117 for a class-B bag, heat sealed. The compatibility provisions of MIL-J-8S74 apply.

(3) Shall be packed in sealed water proof packaging that is reusable, e.g., zip lock bag. The quantity per unit package for

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each component is one each or may be the quantity specified in the SOW as noted.

(4) Each component unit package shall be marked in accordance with 4.1.1 of MIL-STD\ 'b7129P at a minimum, Part Number, Nomenclature, Quantity and Unit of Issue. The complete kit shall be packed into a case; the type of case shall be in accordance with the contract or SOW.

(5) When a unit pack requires more than one case/shipping container, markings will be in accordance with paragraph 5.2.14 of MIL-STD-129P, 1 of X, 2 of X, with X being the total number of cases/containers.

(6) Mark M10 for the military preservation method per paragraph 4.1.1 of MIL-STD-129P. Each chest will be packed in a fiberboard box conforming to ASTM D5118 containing complete tool kit and case.

(7) Segregation of items within a case shall be accomplished by wraps, bags, dividers, boxes, container separation, tubes, skin or blister packs, sleeves or other approved means. When possible, items of likeness shall be located together within the case, such as socket with sockets and wrenches with wrenches.

(8) Items within interior tool storage compartments do not require preservation and packaging if placed in a dedicated position within the storage case, where there is no potential for corrosion or physical damage and can be identified by a layout plan.

(9) All items listed in the SOW called a Kit/Set shall be consolidated in one unit package and a packing list be provided, such as file set, socket set, punch set, etc. Each case will have a packing list for the entire kit per paragraph 5.3.1 of MIL\ 'b7STD-129.

(10) Items of a delicate nature shall not be subjected to damage from rugged items contained within the same case. Non-critical items of odd shapes or having sharp protrusions will not damage protective barriers. Shipping container shall meet the requirements outlined in paragraph (e)(2) of this clause.

(11) The Contractor shall furnish the contracting officer the shipping size and weight when the first unit pack is shipped. The nomenclature will be omitted from exterior of shipping container. Deliverables to the Government shall be sent via a method determined by the Contractor provided that method insures delivery in accordance with this SOW's requirements/timeframes.

[End of Clause]

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INSPECTION AND ACCEPTANCE

This document incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at these addresses:

<http://farsite.hill.af.mil/VFFARA.HTM> or <http://farsite.hill.af.mil/VDFARA.HTM> or <http://farsite.hill.af.mil/VFAFARA.HTM>

If the clause requires additional or unique information, then that information is provided immediately after the clause title.

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1	52.246-4	INSPECTION OF SERVICES--FIXED-PRICE	AUG/1996
2	52.246-4025 (TACOM)	HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT--TACOM QUALITY SYSTEM REQUIREMENT	JAN/2009

(a) As the contractor, you shall implement and maintain a quality system that ensures the functional and physical conformity of all products or services you furnish under this contract. Your quality system shall achieve (i) defect prevention and (ii) process control, providing adequate quality controls throughout all areas of contract performance.

(b) Your quality system under this contract shall be in accordance with the quality system indicated by an X below:

- ISO 9001:2008 (tailored: delete paragraph 7.3) or comparable quality system
- ISO 9001:2008 (untailored) or comparable quality system
- ISO 9001:2008 (tailored: delete paragraphs -1-) or comparable quality system

If you intend to use a system comparable to ISO 9001:2008, please identify your quality system below. You may use an in-house quality system, or one based on a commercial, military, national, or international system.

In addition to identifying your proposed system in the space above, you must attach a description of this system to your offer in response to the solicitation, so that we can assess its suitability. If you receive a contract award, your proposed system will be required by the contract.)

(c) Certification of compliance or registration of the quality system you identify above, by an independent standards organization or auditor does not need to be furnished to us under this contract. However, you may attach a copy of such certification with your offer in response to the solicitation, as proof of system compliance.

(d) At any point during contract performance, we have the right to review your quality system to assess its effectiveness in meeting contractual requirements.

[End of Clause]

3	52.246-4535 TACOM (RI)	CRITICAL CHARACTERISTICS	JAN/2006
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a. The Contractors processes shall be designed with the objective of preventing the creation or occurrence of non-conforming critical characteristics (see paragraphs d & e). The Contractor shall establish, document and maintain a product specific, critical characteristics control (CCC) plan that shall be submitted to and approved by the Procuring Contracting Officer (PCO) IAW DD Form 1423 and DI-MGMT-80004. The CCC plan shall include or reference all procedures, work and handling instructions and process controls relating to any critical characteristics. Mistake Proofing techniques of the material handling and inspection systems shall be a part of the CCC Plan. Guidance for developing this plan and submitting Critical Plans of Action (CPOA) (paragraph g) can be found at https://qa.pica.army.mil/QAW/qaw_p/safety_policy.htm

b. The Contractor shall assure its critical processes are robust in design, capable and under control, with the objective of not

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generating any critical non-conformances. The Contractor shall calculate, document, clearly identify, and have a schedule that routinely assess the reliability and effectiveness of its critical processes to prevent generating critical non-conformances as identified in the CCC Plan.

c. An inspection and verification system shall be employed that will verify the robustness of all critical processes. The Contractor shall calculate, document, clearly identify, and have a schedule that routinely assess the reliability and effectiveness of its inspection and verification system to detect and prevent critical non-conformance escapes as identified in the CCC Plan. The Government expects that a Contractor will allow zero critical escapes. To demonstrate its critical escape risk the Contractor will utilize the non-conformance escape risk goal provided below.

(1) Unless otherwise specified immediately below, the calculated critical non-conformance escape risk is 1 in a million (.000001) items delivered. Or:

Alternate calculated Critical Non-conformance Escape risk: TBD

Unless otherwise approved by the PCO, the non-conformance escape risk is the sum of the individual characteristic escape rates. The probability of escape for a single characteristic shall be calculated by multiplying the non-conformance rate(s) entering the inspection system(s) by the error rate of the inspection system(s). These escape rates are then summed and shall not exceed the tolerable critical non-conformance escape risk.

(2) The Contractor can elect to submit a phased-in approach on how the non-conformance escape risk will be achieved over a period of time not to exceed 180 days from the date of first article approval, or from initiation of production when first article is not required. Submission will require approval by the Government and is subject to a technical review and analysis. Allowance for a phased-in approach will then become a part of the contract.

(3) Based on the maximum error rate defined for the inspection system, the Contractor shall develop a test procedure to demonstrate the error rate. As part of the test plan the Contractor shall include sufficient test quantities to assure 90% statistical confidence in the resultant rates unless otherwise approved by the PCO. Once established, the Contractor shall have a documented schedule to routinely monitor the non-conformance and inspection system error rates to assure they do not exceed the maximum rates allotted.

d. As a result of previous practices, the Governments technical data may refer to Critical I, Critical II, and Special characteristics. The use of the term "critical characteristics" within this clause includes Critical I, Critical II and Special characteristics and the use of the term "critical nonconformances" includes those nonconformances pertaining to Critical I, Critical II and Special characteristics. Unless otherwise stated in Section C, these characteristics shall be subject to all requirements of this clause.

e. In addition to critical characteristics defined in the Governments technical data (drawings, specifications, etc.), the Contractor shall also identify and document in their Contractor developed technical data all known material, component, subassembly and assembly characteristics whose non-conformances would likely result in hazardous or unsafe conditions for individuals using, maintaining or depending upon the product. All additional critical characteristics identified by the Contractor shall comply with the critical characteristic requirements of the technical data package, supplemented herein. The Critical Item Characteristic List (CI-CL) review process shall be included in the CCC Plan. The Contractor's additional critical characteristics shall be classified in accordance with guidance located at https://qa.pica.army.mil/QAW/qaw_p/safety_policy.htm and shall be submitted to and approved by the PCO prior to production (DI-SAFT-80970A).

f. In the event that a critical non-conformance is found anywhere in the production process, the Contractor, as part of its CCC Plan, shall have procedures in place to ensure:

(1) The non-conformance is positively identified and segregated to ensure that nonconforming product does not inadvertently remain in or reenter the production process. This control shall be accomplished without affecting or impairing subsequent non-conformance analysis. Final disposition of non-conforming product shall be documented and audited for traceability.

(2) The operation that produced the non-conforming component or assembly and any other operations incorporating suspect components or assemblies are immediately stopped. (See para h. for exceptions)

(3) The Government (PCO) is immediately notified of the critical non-conformance (electronic mail)(DI-SAFT-80970A).

(4) Any suspect material is identified, segregated and suspended from any further processing and shipment.

(5) An investigation is conducted to determine the root cause of the non-conformance and the required corrective actions. An evaluation shall also be conducted with regard to suspect material to ensure that no additional critical non-conformances are present. A report of this investigation shall be submitted to the Government (DI-SAFT-80970A). The use of the DID report shall not delay notification to the Government as required in f(3) above.

(6) A request to restart manufacturing or to use any suspect material associated with the critical non-conformance is submitted to the Government (DI-SAFT-80970A). Restart of production shall not occur until authorized by the PCO, unless previously addressed in the

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approved CCC Plan. The Government will respond to a restart request within 3 working days. All objective evidence of the investigations to date shall be available for review at the time of restart. Suspect material shall not be used without PCO approval.

(NOTE: Handbook needs to discuss requirements for provisional restart)

(7) The procuring activity reserves the right to refuse acceptance of any suspect material until the root cause or reasonably likely cause of the critical non-conformance has been identified, corrective action has been fully implemented and sufficient evidence has been provided to exclude non-conforming material from the conforming population.

g. The Contractor may develop alternative plans and provisions, collectively referred to as a Critical Plan of Action (CPOA), relative to Government or Contractor identified critical characteristics. All CPOAs are independent and shall be evaluated by the Government for this contract. The CPOA and any subsequent revisions submitted IAW DD Form 1423 and DI-MGMT-80004 require PCO approval prior to implementation. Unless otherwise specified at time of approval, Contractor shall review and evaluate CPOAs for currency and process improvements at least on an annual basis and submit results to the PCO. Unless otherwise approved by the PCO, each critical characteristic shall require a separate CPOA. If the CPOA includes other documents by reference they shall be submitted upon request. Guidance for the development of a CPOA can be found in the referenced guidance located at paragraph a of this clause.

h. The Contractor may continue production with an approved CPOA provided that the critical non-conformance is consistent with the failure mode(s) and rates established in the CPOA. Failure to meet all CPOA requirements will require the Contractor to revert back to paragraph f requirements.

i. If a critical non-conformance is discovered beyond its designated inspection point and prior to Government acceptance the Contractor shall take actions specified in paragraph f above. If a critical non-conformance is discovered after Government acceptance the Government has the right to invoke the requirements of paragraph f with respect to the Contractors remaining production under this contract.

(ES6100) (End of Clause)

4 52.211-4029 INTERCHANGEABILITY OF COMPONENTS MAY/1994
(TACOM)

(a) DESIGN CHANGES TO ITEMS NOT UNDER GOV'T DESIGN CONTROL. Once the Government accepts the first production test item, or accepts the first end item you deliver, (whichever comes first) you must not make design changes to any item or part that is not under Government design control.

(b) WHEN THE POLICY CAN BE WAIVED. The Procuring Contracting Officer (PCO) will consider waiving this policy at your request. If your request reaches the CO after the first production item test has been performed, then we may conduct another first production test at your expense.

(c) PRODUCTION OR DELIVERY DELAYS. Any production or delivery delays caused by this retesting will not be the basis for:

- (1) an "excusable delay" as defined in the DEFAULT clause of this contract.
- (2) be the basis for an increase in contract price or delivery schedule extension.

[End of clause]

5 (52.246-4009) INSPECTION AND ACCEPTANCE POINTS: DESTINATION FEB/1995
(TACOM)

Inspection and acceptance of supplies offered under this purchase order shall take place as specified here. Inspection: DESTINATION. Acceptance: DESTINATION.

[End of Clause]

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DELIVERIES OR PERFORMANCE

Delivery Instructions for FAT Samples (CLINs 0021AA FMTK Supplemental Kit, 0022AA FMTK Complete Kit & 0024AA Training Aids)

Delivered to:

USARMY TACOM, LCMC

6501 E 11 MILE

WARREN, MI 48397-5000

MAILSTOP 528, AMSTA-LCC-MAI

ATTENTION: HUSKY MAINTENANCE PROGRAM,

POC: Aaron Geister, 586-282-2996

mailto:aaron.g.geister.civ@mail.mil

*** END OF NARRATIVE F0001 ***

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1	52.211-17	DELIVERY OF EXCESS QUANTITIES	SEP/1989
2	52.242-17	GOVERNMENT DELAY OF WORK	APR/1984
3	52.247-34	F.O.B. DESTINATION	NOV/1991
4	52.247-55	F.O.B. POINT FOR DELIVERY OF GOVERNMENT-FURNISHED PROPERTY	JUN/2003
5	252.211-7007	REPORTING OF GOVERNMENT-FURNISHED PROPERTY	AUG/2012
6	52.242-4022 (TACOM)	DELIVERY SCHEDULE	SEP/2008

(a) Delivery under this contract must conform to the required schedule specified below, unless acceleration is acceptable.

(b) DEFINITIONS:

(1) DAYS means the number of days after the date of contract award when you must deliver the stated quantity (QTY) of supplies.

(2) DELIVERY is defined as follows:

FOB Origin - Contractor is required to deliver its shipment as provided in FAR 52.247-29(a)(1)-(4) by the time specified in the individual contract; or

FOB Destination - Contractor is required to deliver its shipment as provided in FAR 52.247-34(a)(1)-(2) by the time specified in the individual contract. The contractor must take into consideration the length of time necessary to deliver its shipment to the destination designated in the contract, to ensure that the item reaches its destination by the time reflected in the contract.

(c) The Government requires delivery to be made according to the following schedule:

(1) GOVERNMENT REQUIRED DELIVERY SCHEDULE WITH FIRST ARTICLE TEST (FAT)

ITEM NO.	QTY	WITHIN DAYS AFTER DATE OF CONTRACT AWARD
SEE CLINs 0022AA/0023AA/0025AA AND APPLICABLE CDRLS FOR DELIVERY REQUIREMENTS.		

(2) GOVERNMENT REQUIRED DELIVERY SCHEDULE IF THERE IS NO FIRST ARTICLE TEST (FAT), OR IF FAT IS WAIVED

ITEM NO.	QTY	WITHIN DAYS AFTER DATE OF CONTRACT AWARD
SEE APPLICABLE CDRLS FOR DELIVERY SCHEDULE		

-1-

-2-

-3-

(d) Accelerated delivery schedule is acceptable at no additional cost to the Government.

(e) If an accelerated delivery schedule is not acceptable, the required delivery schedule above will apply. If it is acceptable, you may propose an accelerated delivery schedule at no additional cost; fill in the appropriate information here:

(1) OFFERORS PROPOSED ACCELERATED DELIVERY SCHEDULE WITH FIRST ARTICLE TEST (FAT)

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ITEM NO. QTY WITHIN DAYS AFTER DATE OF CONTRACT AWARD

(2) OFFERORS PROPOSED ACCELERATED DELIVERY SCHEDULE WITHOUT FIRST ARTICLE TEST (FAT), or IF FAT IS WAIVED

ITEM NO. QTY WITHIN DAYS AFTER DATE OF CONTRACT AWARD

[End of Clause]

Name of Offeror or Contractor:

CONTRACT ADMINISTRATION DATA

<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
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1	252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS	MAY/2013
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(a) Definitions. As used in this clause--

"Department of Defense Activity Address Code (DoDAAC)" is a six position code that uniquely identifies a unit, activity, or organization.

"Document type" means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).

"Local processing office (LPO)" is the office responsible for payment certification when payment certification is done external to the entitlement system.

(b) Electronic invoicing. The WAWF system is the method to electronically process vendor payment requests and receiving reports, as authorized by DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.

(c) WAWF access. To access WAWF, the Contractor shall--

(1) Have a designated electronic business point of contact in the System for Award Management at <https://www.acquisition.gov>; and

(2) Be registered to use WAWF at <https://wawf.eb.mil/> following the step-by-step procedures for self-registration available at this Web site.

(d) WAWF training. The Contractor should follow the training instructions of the WAWF Web-Based Training Course and use the Practice Training Site before submitting payment requests through WAWF. Both can be accessed by selecting the "Web Based Training" link on the WAWF home page at <https://wawf.eb.mil/>.

(e) WAWF methods of document submission. Document submissions may be via Web entry, Electronic Data Interchange, or File Transfer Protocol.

(f) WAWF payment instructions. The Contractor must use the following information when submitting payment requests and receiving reports in WAWF for this contract/order:

(1) Document type. The Contractor shall use the following document type: 2-in-1.

See Clause 52.232-4087 for fill ins (2-5) below:

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

-2-

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

Routing Data Table*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	HQ0337
Issue By DoDAAC	W56HZV
Admin DoDAAC	-5-
Inspect By DoDAAC	-6-
Ship To Code	W56HZV
Ship From Code	-8-
Mark For Code	HUSKY TM
Service Approver (DoDAAC)	-10-
Service Acceptor (DoDAAC)	-11-
Accept at Other DoDAAC	-12-
LPO DoDAAC	-13-
DCAA Auditor DoDAAC	-14-

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Other DoDAAC(s) -15-

(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

(5) WAWF email notifications. The Contractor shall enter the email address identified below in the "Send Additional Email Notifications" field of WAWF once a document is submitted in the system.

-16-

(g) WAWF point of contact. (1) The Contractor may obtain clarification regarding invoicing in WAWF from the following contracting activity's WAWF point of contact.

-17-

(2) For technical WAWF help, contact the WAWF helpdesk at 866-618-5988.

(End of clause)

2	252.204-0005 (DFARS PGI)	PAYMENT INSTRUCTIONS FOR THE DEFENSE FINANCE AND ACCOUNTING SERVICE (DFAS) - Line Item Specific: by Cancellation Date	SEP/2009
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The payment office shall make payment using the ACRN with the earliest cancellation date first, exhausting all funds in that ACRN before disbursing funds from the next. In the event there is more than one ACRN associated with the same cancellation date, the payment amount shall be disbursed from each ACRN with the same cancellation date in the same proportion as the amount of funding obligated for each ACRN with the same cancellation date.

[End of Clause]

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SPECIAL CONTRACT REQUIREMENTS

<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1 52.204-4005	REQUIRED USE OF ELECTRONIC CONTRACTING	AUG/2012

(a) All contract awards, modifications and delivery orders issued by Army Contracting Command - Warren (DTA) will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions/clauses that appear "by reference," meaning only clause titles and regulation site are listed; their full texts can be found at the website <http://farsite.hill.af.mil/>

(b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) System for Award Management (SAM). The SAM registration process may be done electronically at the World Wide Web (WWW) site: <https://www.sam.gov/portal/public/SAM>. (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)

(c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate Army Contracting Command - Warren webpage:

Warren: http://contracting.tacom.army.mil/CFDATA/AWARDS/AWARD_RPT01.cfm
Rock Island - JMTC: <https://acquisition.army.mil/asfi/>
Red River Army Depot: <https://acquisition.army.mil/asfi/>
Anniston Army Depot: <https://acquisition.army.mil/asfi/>

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

(1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic SAM registration form and includes portions of the registration form which are titled "Optional".

(2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at <http://www.acq.osd.mil/dpap/ebiz/VANs.htm>. If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.

(e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Please go to the following webpage for detailed information about submitting your offer electronically: <http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>

(f) Additional information can be obtained by sending a message to: usarmy.detroit.acc.mbx.wrn-web-page@mail.mil or by calling (586) 282-7059.

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CONTRACT CLAUSES

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1	52.203-3	GRATUITIES	APR/1984
2	52.204-4	PRINTED OR COPIED DOUBLE-SIDED ON POSTCONSUMER FIBER CONTENT PAPER	MAY/2011
3	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	AUG/2013
4	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	APR/2008
5	52.212-4	CONTRACT TERMS AND CONDITIONS--COMMERCIAL ITEMS	JUL/2013
6	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
7	52.222-40	NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT	DEC/2010
8	52.223-6	DRUG-FREE WORKPLACE	MAY/2001
9	52.227-1	AUTHORIZATION AND CONSENT	DEC/2007
10	52.232-11	EXTRAS	APR/1984
11	52.232-17	INTEREST	OCT/2010
12	52.242-13	BANKRUPTCY	JUL/1995
13	52.244-5	COMPETITION IN SUBCONTRACTING	DEC/1996
14	52.245-1	GOVERNMENT PROPERTY	APR/2012
15	52.245-9	USE AND CHARGES	APR/2012
16	52.248-1	VALUE ENGINEERING	OCT/2010
17	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
18	252.203-7000	REQUIREMENTS RELATING TO COMPENSATION OF FORMER DOD OFFICIALS	SEP/2011
19	252.204-7000	DISCLOSURE OF INFORMATION	AUG/2013
20	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
21	252.204-7006	BILLING INSTRUCTIONS	OCT/2005
22	252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS	DEC/1991
23	252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY	DEC/2006
24	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	DEC/2012
25	252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES	FEB/2013
26	252.225-7013	DUTY-FREE ENTRY	JUN/2012
27	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	JUN/2011
28	252.225-7033	WAIVER OF UNITED KINGDOM LEVIES	APR/2003
29	252.226-7001	UTILIZATION OF INDIAN ORGANIZATIONS, INDIAN-OWNED ECONOMIC ENTERPRISES, AND NATIVE HAWAIIAN SMALL BUSINESS CONCERNS	SEP/2004
30	252.227-7015	TECHNICAL DATA--COMMERCIAL ITEMS	JUN/2013
31	252.227-7027	DEFERRED ORDERING OF TECHNICAL DATA OR COMPUTER SOFTWARE	APR/1988
32	252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT	MAR/2000
33	252.227-7037	VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA	JUN/2013
34	252.232-7003	ELECTRONIC SUBMISSION OF PAYMENT REQUESTS AND RECEIVING REPORTS	JUN/2012
35	252.232-7010	LEVIES ON CONTRACT PAYMENTS	DEC/2006
36	252.237-7010	PROHIBITION ON INTERROGATION OF DETAINEES BY CONTRACTOR PERSONNEL	JUN/2013
37	252.243-7001	PRICING OF CONTRACT MODIFICATIONS	DEC/1991
38	252.243-7002	REQUESTS FOR EQUITABLE ADJUSTMENT	DEC/2012
39	252.244-7000	SUBCONTRACTS FOR COMMERCIAL ITEMS	JUN/2013
40	252.246-7000	MATERIAL INSPECTION AND RECEIVING REPORT	MAR/2008
41	252.246-7001	WARRANTY OF DATA	DEC/1991
42	252.247-7023	TRANSPORTATION OF SUPPLIES BY SEA	JUN/2013
43	52.209-4	FIRST ARTICLE APPROVAL -- GOVERNMENT TESTING (SEP 1989) -- ALTERNATE I (JAN 1997) AND ALTERNATE II (SEP 1989)	SEP/1989

(a) The Contractor shall deliver 1 unit each of CLIN 0021AA (FMTK SUPPLEMENTAL KIT) and CLIN 0022AA (FMTK COMPLETE KIT) Item within 45 calendar days from the date of this contract to the Government at (SEE CLAUSE 52.242-4457) for first article tests. The shipping documentation shall contain this contract number and the Lot/Item identification. The characteristics that the first article must meet and the testing requirements are specified elsewhere in this contract.

(b) Within 15 calendar days after the Government receives the first article, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.

(c) If the first article is disapproved, the Contractor, upon Government request, shall submit an additional first article for testing.

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After each request, the Contractor shall make any necessary changes, modifications, or repairs to the first article or select another first article for testing. All costs related to these tests are to be borne by the Contractor, including any and all costs for additional tests following a disapproval. The Contractor shall furnish any additional first article to the Government under the terms and conditions and within the time specified by the Government. The Government shall act on this first article within the time limit specified in paragraph (b) of this clause. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule or for any additional costs to the Government related to these tests.

(d) If the Contractor fails to deliver any first article on time, or the Contracting Officer disapproves any first article, the Contractor shall be deemed to have failed to make delivery within the meaning of the Default clause of this contract.

(e) Unless otherwise provided in the contract, the Contractor --

(1) May deliver the approved first article as a part of the contract quantity, provided it meets all contract requirements for acceptance and was not consumed or destroyed in testing; and

(2) Shall remove and dispose of any first article from the Government test facility at the Contractors expense.

(f) If the Government does not act within the time specified in paragraph (b) or (c) of this clause, the Contracting Officer shall, upon timely written request from the Contractor, equitably adjust under the Changes clause of this contract the delivery or performance dates and/or the contract price, and any other contractual term affected by the delay.

(g) The Contractor is responsible for providing operating and maintenance instructions, spare parts support, and repair of the first article during any first article test.

(h) Before first article approval, the Contracting Officer may, by written authorization, authorize the Contractor to acquire specific materials or components or to commence production to the extent essential to meet the delivery schedules. Until first article approval is granted, only costs for the first article and costs incurred under this authorization are allocable to this contract for

(1) progress payments, or

(2) termination settlements if the contract is terminated for the convenience of the Government.

If first article tests reveal deviations from contract requirements, the Contractor shall, at the location designated by the Government, make the required changes or replace all items produced under this contract at no change in the contract price.

(i) The Government may waive the requirement for first article approval test where supplies identical or similar to those called for in the schedule have been previously furnished by the Offeror/Contractor and have been accepted by the Government. The Offeror/Contractor may request a waiver.

(j) The Contractor shall produce both the first article and the production quantity at the same facility.

(End of Clause)

44 52.212-5 CONTRACT TERMS AND CONDITIONS REQUIRED TO IMPLEMENT STATUTES OR SEP/2013
EXECUTIVE ORDERS--COMMERCIAL ITEMS

(a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22U.S.C. 7104(g)).

--Alternate I (Aug 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(2) 52.233-3, Protest After Award (AUG 1996) (31 U.S.C. 3553).

(3) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004) (Pub. L. 108-77, 108-78).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the contracting officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

 X (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sep 2006), with Alternate I (Oct 1995)(41 U.S.C. 253g and 10 U.S.C. 2402).

 X (2) 52.203-13, Contractor Code of Business Ethics and Conduct (Apr 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251

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note)).

___ (3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (Jun 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

X (4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Jul 2013) (Pub. L. 109-282) (31 U.S.C. 6101 note).

___ (5) 52.204-11, American Recovery and Reinvestment Act -- Reporting Requirements (JUL 2010) (Pub. L. 111-5).

X (6) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment (Aug 2013) (31 U.S.C. 6101 note).

X (7) 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matters (Jul 2013) (41 U.S.C. 2313).

___ (8) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (MAY 2012)(section 740 of Division C of Public Law 111-117, section 743 of Division D of Public Law 111-8, and section 745 of Division D of Public Law 110-161)

___ (9) 52.219-3, Notice of Total HUBZone Set-Aside or Sole-Source Award (Nov 2011)(15 U.S.C. 657a).

___ (10) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (Jan 2011) (if the offeror elects to waive the preference, it shall so indicate in its offer)(15 U.S.C. 657a).

___ (11) [Reserved]

___ (12)(i) 52.219-6, Notice of Total Small Business Set-Aside (Nov 2011) (15 U.S.C. 644).

___ (ii) Alternate I (Nov 2011) of 52.219-6.

___ (iii) Alternate II (Nov 2011) of 52.219-6.

___ (13)(i) 52.219-7, Notice of Partial Small Business Set-Aside (June 2003)(15 U.S.C. 644).

___ (ii) Alternate I (Oct 1995) of 52.219-7.

___ (iii) Alternate II (Mar 2004) of 52.219-7.

X (14) 52.219-8, Utilization of Small Business Concerns (Jul 2013) (15 U.S.C. 637(d)(2) and (3)).

X (15)(i) 52.219-9, Small Business Subcontracting Plan (Jul 2013)(15 U.S.C. 637 (d)(4)).

___ (ii) Alternate I (Oct 2001) of 52.219-9.

___ (iii) Alternate II (Oct 2001) of 52.219-9.

___ (iv) Alternate III (Jul 2010) of 52.219-9.

___ (16) 52.219-13, Notice of Set-Aside of Orders (NOV 2011) (15 U.S.C. 644(r)).

___ (17) 52.219-14, Limitations on Subcontracting (Nov 2011)(15 U.S.C. 637(a)(14)).

X (18) 52.219-16, Liquidated Damages--Subcontracting Plan (JAN 1999) (15 U.S.C. 637(d)(4)(F)(i)).

___ (19)(i) 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns (Oct 2008)(10 U.S.C. 2323) (if the offeror elects to waive the adjustment, it shall so indicate in its offer).

___ (ii) Alternate I (June 2003) of 52.219-23.

___ (20) 52.219-25, Small Disadvantaged Business Participation Program Disadvantaged Status and Reporting (Jul 2013)(Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

___ (21) 52.219-26, Small Disadvantaged Business Participation Program Incentive Subcontracting (Oct 2000)(Pub. L. 103-355, section 7102, and 10 U.S.C. 2323).

___ (22) 52.219-27, Notice of Total Service-Disabled Veteran-Owned Small Business Set-Aside (Nov 2011)(15 U.S.C. 657 f)

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- (23) 52.219-28, Post Award Small Business Program Rerepresentation (Jul 2013)(15 U.S.C. 632(a)(2)).
- (24) 52.219-29 Notice of Total Set-Aside for Economically Disadvantaged Women-Owned Small Business (EDWOSB) Concerns (Jul 2013) (15 U.S.C. 637(m)).
- (25) 52.219-30 Notice of Total Set-Aside for Women-Owned Small Business (WOSB) Concerns Eligible Under the WOSB Program (Jul 2013) (15 U.S.C. 637(m)).
- (26) 52.222-3, Convict Labor (June 2003)(E.O. 11755).
- (27) 52.222-19, Child Labor Cooperation with Authorities and Remedies (Mar 2012) (E.O. 13126).
- (28) 52.222-21, Prohibition of Segregated Facilities (Feb 1999).
- (29) 52.222-26, Equal Opportunity (Mar 2007)(E.O. 11246).
- (30) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2010)(38 U.S.C. 4212).
- (31) 52.222-36, Affirmative Action for Workers with Disabilities (Oct 2010)(29 U.S.C. 793).
- (32) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2010)(38 U.S.C. 4212).
- (33) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496).
- (34) 52.222-54, Employment Eligibility Verification (Jul 2012). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)
- (35)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA-Designated Items (May 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- (ii) Alternate I (May 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)
- (36) 52.223-15, Energy Efficiency in Energy-Consuming Products (Dec 2007) (42 U.S.C. 8259b).
- (37)(i) 52.223-16, IEEE 1680 Standard for the Environmental Assessment of Personal Computer Products (DEC 2007) (E.O. 13423).
- (ii) Alternate I (DEC 2007) of 52.223-16.
- (38) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging While Driving (AUG 2011) (E.O. 13513).
- (39) 52.225-1, Buy American Act--Supplies (Feb 2009)(41 U.S.C. 10a-10d).
- (40)(i) 52.225-3, Buy American Act Free Trade Agreements -- Israeli Trade Act (NOV 2012) (41 U.S.C. 10a-10d, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, Pub. L. 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, and 110-138).
- (ii) Alternate I (MAR 2012) of 52.225-3.
- (iii) Alternate II (MAR 2012) of 52.225-3.
- (iv) Alternate III (NOV 2012) of 52.225-3.
- (41) 52.225-5, Trade Agreements (SEP 2013) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).
- (42) 52.225-13, Restrictions on Certain Foreign Purchases (Jun 2008) (E.o.s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).
- (43) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).
- (44) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).
- (45) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007)(42 U.S.C. 5150).
- (46) 52.232-29, Terms for Financing of Purchases of Commercial Items (Feb 2002)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

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___ (47) 52.232-30, Installment Payments for Commercial Items (Oct 1995)(41 U.S.C. 255(f), 10 U.S.C. 2307(f)).

X (48) 52.232-33, Payment by Electronic Funds Transfer -- Central Contractor Registration (Jul 2013)(31 U.S.C. 3332).

___ (49) 52.232-34, Payment by Electronic Funds Transfer -- Other Than Central Contractor Registration (Jul 2013)(31 U.S.C. 3332).

___ (50) 52.232-36, Payment by Third Party (Jul 2013)(31 U.S.C. 3332).

___ (51) 52.239-1, Privacy or Security Safeguards (Aug 1996)(5 U.S.C. 552a).

___ (52)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006)(46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631).

___ (ii) Alternate I (Apr 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or executive orders applicable to acquisitions of commercial items:

X (1) 52.222-41, Service Contract Act of 1965, (Nov 2007)(41 U.S.C. 351, et seq.).

X (2) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 1989)(29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

X (3) 52.222-43, Fair Labor Standards Act and Service Contract Act -- Price Adjustment (Multiple Year and Option Contracts) (Sep 2009)(29 U.S.C.206 and 41 U.S.C. 351, et seq.).

___ (4) 52.222-44, Fair Labor Standards Act and Service Contract Act -- Price Adjustment (Sep 2009)(29 U.S.C. 206 and 41 U.S.C. 351, et seq.).

___ (5) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.).

___ (6) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (Feb 2009) (41 U.S.C. 351, et seq.).

___ (7) 52.222-17, Nondisplacement of Qualified Workers (JAN 2013) (E.O.13495).

X (8) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (Mar 2009) (Pub. L. 110-247).

___ (9) 52.237-11, Accepting and Dispensing of \$1 Coin (Sep 2008) (31 U.S.C. 5112(p)(1)).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records -- Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractors directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR Subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c) and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause--

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(i) 52.203-13, Contractor Code of Business Ethics and Conduct (Apr 2010) (Pub. L. 110-252, Title VI, Chapter 1 (41 U.S.C. 251 note)).

(ii) 52.219-8, Utilization of Small Business Concerns (Jul 2013)(15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$650,000 (\$1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iii) 52.222-17, Nondisplacement of Qualified Workers (JAN 2013) (E.O. 13495). Flow down required in accordance with paragraph (1) of FAR clause 52.222-17.

(iv) 52.222-26, Equal Opportunity (Oct 2010)(E.O. 11246).

(v) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2010)(38 U.S.C. 4212).

(vi) 52.222-36, Affirmative Action for Workers with Disabilities (June 1998)(29 U.S.C. 793).

(vii) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (DEC 2010) (E.O. 13496).

(viii) 52.222-41, Service Contract Act of 1965, (Nov 2007), flow down required for all subcontracts subject to the Service Contract Act of 1965 (41 U.S.C. 351, et seq.)

(ix) 52.222-50, Combating Trafficking in Persons (FEB 2009) (22 U.S.C. 7104(g)).

___ Alternate I (Aug 2007) of 52.222-50 (22 U.S.C. 7104(g)).

(x) 52.222-51, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Requirements (Nov 2007) (41 U.S.C. 351, et seq.)

(xi) 52.222-53, Exemption from Application of the Service Contract Act to Contracts for Certain Services--Requirements (Feb 2009) (41 U.S.C. 351, et seq.)

(xii) 52.222-54, Employment Eligibility Verification (Jul 2012).

(xiii) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Jul 2013) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

(xiv) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations. (Mar 2009) (Pub. L. 110-247). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xv) 52.247-64, Preference for Privately-Owned U.S. Flag Commercial Vessels (Feb 2006)(46 U.S.C. Appx 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of Clause)

45

52.217-8

OPTION TO EXTEND SERVICES

NOV/1999

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within 30 days.

(End of Clause)

Name of Offeror or Contractor:

46 52.217-9 OPTION TO EXTEND THE TERM OF THE CONTRACT MAR/2000

(a) The Government may extend the term of this contract by written notice to the Contractor within 30 days provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 60 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 608 days.

(End of Clause)

47 52.217-4001 SEPARATELY PRICED OPTION FOR INCREASED QUANTITY FEB/2007
(TACOM)

(a) The Government may require the delivery of the numbered item, identified in the schedule as an option item, in the quantity and at the price stated in the schedule. This option may be exercised by the Government at any time, but in any event not later than 60 days after either (i) award or, if FAT is required, (ii) after FAT approval. In addition, such option may be exercised in increments, subject to the stated total additional quantity limitations, price(s), and the above-stated time for exercise of the option.

(b) Delivery of the items added by the exercise of this option shall continue immediately after, and at the same rate as, delivery of like items called for under this contract, unless the parties hereto otherwise agree.

(c) Additionally, prior to the expiration of the original option period identified in paragraph (a) above, the Government may seek a bilateral extension of the option period for an additional period not to exceed 90 days from the expiration date of the original option period.

[End of Clause]

48 52.223-3 HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA JAN/1997

(a) Hazardous material, as used in this clause, includes any material defined as hazardous under the latest version of Federal Standard No. 313 (including revisions adopted during the term of the contract).

(b) The offeror must list any hazardous material, as defined in paragraph (a) of this clause, to be delivered under this contract. The hazardous material shall be properly identified and include any applicable identification number, such as National Stock Number or Special Item Number. This information shall also be included on the Material Safety Data Sheet submitted under this contract.

Material	Identification No.
(If none, insert None)	

(c) This list must be updated during performance of the contract whenever the Contractor determines that any other material to be delivered under this contract is hazardous.

(d) The apparently successful offeror agrees to submit, for each item as required prior to award, a Material Safety Data Sheet, meeting the requirements of 29 CFR 1910.1200(g) and the latest version of Federal Standard No. 313, for all hazardous material identified in paragraph (b) of this clause. Data shall be submitted in accordance with Federal Standard No. 313, whether or not the apparently successful offeror is the actual manufacturer of these items. Failure to submit the Material Safety Data Sheet prior to award may result in the apparently successful offeror being considered nonresponsible and ineligible for award.

(e) If, after award, there is a change in the composition of the item(s) or a revision to Federal Standard No. 313, which renders incomplete or inaccurate the data submitted under paragraph (d) of this clause, the Contractor shall promptly notify the Contracting Officer and resubmit the data.

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(f) Neither the requirements of this clause nor any act or failure to act by the Government shall relieve the Contractor of any responsibility or liability for the safety of Government, Contractor, or subcontractor personnel or property.

(g) Nothing contained in this clause shall relieve the Contractor from complying with applicable Federal, State, and local laws, codes, ordinances, and regulations (including the obtaining of licenses and permits) in connection with hazardous material.

(h) The Government's rights in data furnished under this contract with respect to hazardous material are as follows:

(1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to --

(i) Apprise personnel of the hazards to which they may be exposed in using, handling, packaging, transporting, or disposing of hazardous materials;

(ii) Obtain medical treatment for those affected by the material; and

(iii) Have others use, duplicate, and disclose the data for the Government for these purposes.

(2) To use, duplicate, and disclose data furnished under this clause, in accordance with subparagraph (h)(1) of this clause, in precedence over any other clause of this contract providing for rights in data.

(3) The Government is not precluded from using similar or identical data acquired from other sources.

(End of Clause)

49 52.223-11 OZONE-DEPLETING SUBSTANCES MAY/2001

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR Part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including, but not limited to hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

Warning

Contains (or manufactured with, if applicable) *_____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

* The Contractor shall insert the name of the substance(s).

(End of Clause)

50 52.252-2 CLAUSES INCORPORATED BY REFERENCE FEB/1998

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address:

<http://www.acq.osd.mil/dpap/dars/far.html> or <http://www.acq.osd.mil/dpap/dars/index.htm> or <http://farsite.hill.af.mil/VFAFARA.HTM>

(End of Clause)

51 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES APR/1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized

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deviation is indicated by the addition of (DEVIATION) after the date of the clause.

(b) The use in this solicitation or contract of any DoD FAR SUPPLEMENT (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

(End of Clause)

52 252.223-7001 HAZARD WARNING LABELS DEC/1991

(a) Hazardous material, as used in this clause, is defined in the Hazardous Material Identification and Material Safety Data clause of this contract.

(b) The Contractor shall label the item package (unit container) of any hazardous material to be delivered under this contract in accordance with the Hazard Communication Standard (29 CFR 1910.1200 et seq). The Standard requires that the hazard warning label conform to the requirements of the standard unless the material is otherwise subject to the labeling requirements of one of the following statutes:

- (1) Federal Insecticide, Fungicide and Rodenticide Act;
- (2) Federal Food, Drug and Cosmetics Act;
- (3) Consumer Product Safety Act;
- (4) Federal Hazardous Substances Act; or
- (5) Federal Alcohol Administration Act.

(c) The Offeror shall list which hazardous material listed in the Hazardous Material Identification and Material Safety Data clause of this contract will be labeled in accordance with one of the Acts in paragraphs (b)(1) through (5) of this clause instead of the Hazard Communication Standard. Any hazardous material not listed will be interpreted to mean that a label is required in accordance with the Hazard Communication Standard.

MATERIAL (If None, Insert None.) ACT

_____	_____
_____	_____
_____	_____

(d) The apparently successful Offeror agrees to submit, before award, a copy of the hazard warning label for all hazardous materials not listed in paragraph (c) of this clause. The Offeror shall submit the label with the Material Safety Data Sheet being furnished under the Hazardous Material Identification and Material Safety Data clause of this contract.

(e) The Contractor shall also comply with MIL-STD-129, Marking for Shipment and Storage (including revisions adopted during the term of this contract).

(End of clause)

53 52.204-4009 MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION MAR/2005

(a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the website:

<http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>

(b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.

(c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can

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contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).

(d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.

(e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

54 52.219-4070 PILOT MENTOR-PROTEGE PROGRAM APR/2006

(a) The Pilot Mentor-Protege Program does not apply to small business concerns.

(b) Utilization of the Pilot Mentor-Protege Program (hereafter referred to as the Program) is encouraged. Under the Program, eligible companies approved as mentor firms enter into a mentor-protege agreement with eligible protege firms. The goal of the program is to provide appropriate developmental assistance to enhance the capabilities of the protege firm. The Mentor firm may be eligible for cost reimbursement or credit against their applicable subcontracting goals.

(c) Mentor firms are encouraged to identify and select concerns that are defined as emerging small business concerns, small disadvantaged business, women-owned small business, HUBZone small business, service-disabled veteran-owned small business, veteran-owned small business or an eligible entity employing the severely disabled.

(d) Full details of the program are located at [http://www.acq.osd.mil/sadbu/mentor protege/](http://www.acq.osd.mil/sadbu/mentor_protege/)

or

<http://sellingtoarmy.info/User/ShowPage.aspx?SectionID=12>

(e) For additional questions after reviewing the information provided, contact the Office of Small Business Programs serving your area.

[End of Clause]

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LIST OF ATTACHMENTS

<u>List of Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number of Pages</u>	<u>Transmitted By</u>
Attachment 0001	CONTRACT DATA REQUIREMENTS LIST (CDRLS)	07-OCT-2013	076	EMAIL
Attachment 0002	MAINTENANCE ANALYSIS	11-OCT-2013	005	EMAIL
Attachment 0003	STTE LIST	11-OCT-2013	001	EMAIL
Attachment 0004	LMI SHEET	11-OCT-2013	006	EMAIL
Attachment 0005	NSN SPLIT	11-OCT-2013	001	EMAIL
Attachment 0006	GENERAL PUBLICATIONS REQUIREMENTS	11-OCT-2013	008	EMAIL
Attachment 0007	TM MATRIX	11-OCT-2013	022	EMAIL
Attachment 0008	SOURCE DATA	11-OCT-2013	001	EMAIL
Attachment 0009	HUSKY OPNET STUDENT GUIDE & TSP	11-OCT-2013	002	EMAIL
Attachment 0010	HUSKY FLMNET TSP	11-OCT-2013	001	EMAIL
Attachment 0011	NET VIEW GRAPHS	11-OCT-2013	004	EMAIL
Attachment 0012	FMTK	11-OCT-2013	007	EMAIL
Attachment 0013	PACKAGING DATA PRODUCTS	11-OCT-2013	003	EMAIL
Attachment 0014	INCOMING TRANSACTION FORMAT	11-OCT-2013	002	EMAIL
Attachment 0015	TM WP MATRIX	11-OCT-2013	001	EMAIL

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REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1	252.203-7005	REPRESENTATION RELATING TO COMPENSATION OF FORMER DOD OFFICIALS	NOV/2011
2	252.209-7001	DISCLOSURE OF OWNERSHIP OR CONTROL BY THE GOVERNMENT OF A TERRORIST COUNTRY	JAN/2009
3	252.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL	JUN/2005
4	252.227-7017	IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS	JAN/2011
5	252.227-7028	TECHNICAL DATA OR COMPUTER SOFTWARE PREVIOUSLY DELIVERED TO THE GOVERNMENT	JUN/1995
6	52.209-7	INFORMATION REGARDING RESPONSIBILITY MATTERS	JUL/2013

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

Administrative proceeding means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (e.g., Securities and Exchange Commission Administrative Proceedings, Civilian Board of Contract Appeals Proceedings, and Armed Services Board of Contract Appeals Proceedings). This includes administrative proceedings at the Federal and State level but only in connection with performance of a Federal contract or grant. It does not include agency actions such as contract audits, site visits, corrective plans, or inspection of deliverables.

Federal contracts and grants with total value greater than \$10,000,000 means--

(1) The total value of all current, active contracts and grants, including all priced options; and

(2) The total value of all current, active orders including all priced options under indefinite-delivery, indefinite-quantity, 8(a), or requirements contracts (including task and delivery and multiple-award Schedules).

Principal means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

(b) The offeror [] has [] does not have current active Federal contracts and grants with total value greater than \$10,000,000.

(c) If the offeror checked "has" in paragraph (b) of this provision, the offeror represents, by submission of this offer, that the information it has entered in the Federal Awardee Performance and Integrity Information System (FAPIS) is current, accurate, and complete as of the date of submission of this offer with regard to the following information:

(1) Whether the offeror, and/or any of its principals, has or has not, within the last five years, in connection with the award to or performance by the offeror of a Federal contract or grant, been the subject of a proceeding, at the Federal or State level that resulted in any of the following dispositions:

(i) In a criminal proceeding, a conviction.

(ii) In a civil proceeding, a finding of fault and liability that results in the payment of a monetary fine, penalty, reimbursement, restitution, or damages of \$5,000 or more.

(iii) In an administrative proceeding, a finding of fault and liability that results in--

(A) The payment of a monetary fine or penalty of \$5,000 or more; or

(B) The payment of a reimbursement, restitution, or damages in excess of \$100,000.

(iv) In a criminal, civil, or administrative proceeding, a disposition of the matter by consent or compromise with an acknowledgment of fault by the Contractor if the proceeding could have led to any of the outcomes specified in paragraphs (c)(1)(i), (c)(1)(ii), or (c)(1)(iii) of this provision.

(2) If the offeror has been involved in the last five years in any of the occurrences listed in (c)(1) of this provision, whether the offeror has provided the requested information with regard to each occurrence.

(d) The offeror shall post the information in paragraphs (c)(1)(i) through (c)(1)(iv) of this provision in FAPIS as required through maintaining an active registration in the System for Award Management database via <https://www.acquisition.gov> (see 52.204-7).

Principal means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

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(End of provision)

7 52.212-3 OFFERORS REPRESENTATIONS AND CERTIFICATIONS--COMMERCIAL ITEMS (AUG APR/2011
2013) - ALTERNATE I (APR 2011)

An offeror shall complete only paragraph (b) of this provision if the offeror has completed the annual representations and certificates electronically via <http://www.acquisition.gov>. If an offeror has not completed the annual representations and certifications electronically at the System for Award Management (SAM) website, the offeror shall complete only paragraphs (c) through (o) of this provision.

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

"Economically disadvantaged women-owned small business (EDWOSB) concern" means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States and who are economically disadvantaged in accordance with 13 CFR part 127. It automatically qualifies as a women-owned small business eligible under the WOSB Program.

"Forced or indentured child labor" means all work or service--

(1) Exacted from any person under the age of 18 under the menace of any penalty for its nonperformance and for which the worker does not offer himself voluntarily; or

(2) Performed by any person under the age of 18 pursuant to a contract the enforcement of which can be accomplished by process or penalties.

"Inverted domestic corporation" as used in this section, means a foreign incorporated entity which is treated as an inverted domestic corporation under 6 U.S.C. 395(b), i.e., a corporation that used to be incorporated in the United States, or used to be a partnership in the United States, but now is incorporated in a foreign country, or is a subsidiary whose parent corporation is incorporated in a foreign country, that meets the criteria specified in 6 U.S.C. 395(b), applied in accordance with the rules and definitions of 6 U.S.C. 395(c). An inverted domestic corporation as herein defined does not meet the definition of an inverted domestic corporation as defined by the Internal Revenue Code at 26 U.S.C. 7874.

"Manufactured end product" means any end product in Federal Supply Classes (FSC) 1000-9999, except--

- (1) FSC 5510, Lumber and Related Basic Wood Materials;
- (2) Federal Supply Group (FSG) 87, Agricultural Supplies;
- (3) FSG 88, Live Animals;
- (4) FSG 89, Food and Related Consumables;
- (5) FSC 9410, Crude Grades of Plant Materials;
- (6) FSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) FSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) FSC 9610, Ores;
- (9) FSC 9620, Minerals, Natural and Synthetic; and
- (10) FSC 9630, Additive Metal Materials.

"Place of manufacture" means the place where an end product is assembled out of components, or otherwise made or processed from raw materials into the finished product that is to be provided to the Government. If a product is disassembled and reassembled, the place of reassembly is not the place of manufacture.

"Restricted business operations" means business operations in Sudan that include power production activities, mineral extraction activities, oil-related activities, or the production of military equipment, as those terms are defined in the Sudan Accountability and Divestment Act of 2007 (Pub. L. 110-174). Restricted business operations do not include business operations that the person (as that term is defined in Section 2 of the Sudan Accountability and Divestment Act of 2007) conducting the business can demonstrate--

Name of Offeror or Contractor:

(1) Are conducted under contract directly and exclusively with the regional government of southern Sudan;

(2) Are conducted pursuant to specific authorization from the Office of Foreign Assets Control in the Department of the Treasury, or are expressly exempted under Federal law from the requirement to be conducted under such authorization;

(3) Consist of providing goods or services to marginalized populations of Sudan;

(4) Consist of providing goods or services to an internationally recognized peacekeeping force or humanitarian organization;

(5) Consist of providing goods or services that are used only to promote health or education; or

(6) Have been voluntarily suspended.

"Sensitive technology"--

(1) Means hardware, software, telecommunications equipment, or any other technology that is to be used specifically--

(i) To restrict the free flow of unbiased information in Iran; or

(ii) To disrupt, monitor, or otherwise restrict speech of the people of Iran; and

(2) Does not include information or informational materials the export of which the President does not have the authority to regulate or prohibit pursuant to section 203(b)(3) of the International Emergency Economic Powers Act (50 U.S.C. 1702(b)(3)).

"Service-disabled veteran-owned small business concern"--

(1) Means a small business concern--

(i) Not less than 51 percent of which is owned by one or more service-disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and

(ii) The management and daily business operations of which are controlled by one or more service-disabled veterans or, in the case of a service-disabled veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

(2) Service-disabled veteran means a veteran, as defined in 38 U.S.C. 101(2), with a disability that is service-connected, as defined in 38 U.S.C. 101(16).

"Small business concern" means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR Part 121 and size standards in this solicitation.

"Subsidiary" means an entity in which more than 50 percent of the entity is owned--

(1) Directly by a parent corporation; or

(2) Through another subsidiary of a parent corporation.

"Veteran-owned small business concern" means a small business concern--

(1) Not less than 51 percent of which is owned by one or more veterans(as defined at 38 U.S.C. 101(2)) or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more veterans; and

(2) The management and daily business operations of which are controlled by one or more veterans.

"Women-owned business concern" means a concern which is at least 51 percent owned by one or more women; or in the case of any publicly owned business, at least 51 percent of the its stock is owned by one or more women; and whose management and daily business operations are controlled by one or more women.

"Women-owned small business concern" means a small business concern --

(1) That is at least 51 percent owned by one or more women or, in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more women; and

(2) Whose management and daily business operations are controlled by one or more women.

Name of Offeror or Contractor:

"Women-owned small business (WOSB) concern eligible under the WOSB Program" (in accordance with 13 CFR part 127), means a small business concern that is at least 51 percent directly and unconditionally owned by, and the management and daily business operations of which are controlled by, one or more women who are citizens of the United States.

(b)(1) Annual Representations and Certifications. Any changes provided by the offeror in paragraph (b)(2) of this provision do not automatically change the representations and certifications posted on the SAM website.

(2) The offeror has completed the annual representations and certifications electronically via the SAM website accessed through http://www.acquisition.gov. After reviewing the SAM database information, the offeror verifies by submission of this offer that the representations and certifications currently posted electronically at FAR 52.212-3, Offeror Representations and Certifications--Commercial Items, have been entered or updated in the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201), except for paragraphs _____. [Offeror to identify the applicable paragraphs at (c) through (o) of this provision that the offeror has completed for the purposes of this solicitation only, if any. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer. Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted electronically on SAM.]

(c) Offerors must complete the following representations when the resulting contract is to be performed in the United States or its outlying areas. Check all that apply.

(1) Small business concern. The offeror represents as part of its offer that it
___ is,
___ is not a small business concern.

(2) Veteran-owned small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents as part of its offer that it
___ is,
___ is not a veteran-owned small business concern.

(3) Service-disabled veteran-owned small business concern. [Complete only if the offeror represented itself as a veteran-owned small business concern in paragraph (c)(2) of this provision.] The offeror represents as part of its offer that it
___ is,
___ is not a service-disabled veteran-owned small business concern.

(4) Small disadvantaged business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, for general statistical purposes, that it
___ is,
___ is not, a small disadvantaged business concern as defined in 13 CFR 124.1002.

(5) Women-owned small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents that it
___ is,
___ is not a women-owned small business concern.

(6) WOSB concern eligible under the WOSB Program. [Complete only if the offeror represented itself as a women-owned small business concern in paragraph (c)(5) of this provision.] The offeror represents that--

(i) It ___ is, ___ is not a WOSB concern eligible under the WOSB Program, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It ___ is, ___ is not a joint venture that complies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(6)(i) of this provision is accurate for each WOSB concern eligible under the WOSB Program participating in the joint venture. [The offeror shall enter the name or names of the WOSB concern eligible under the WOSB Program and other small businesses that are participating in the joint venture:]

Each WOSB concern eligible under the WOSB Program participating in the joint venture shall submit a separate signed copy of the WOSB representation.

(7) Economically disadvantaged women-owned small business (EDWOSB) concern. [Complete only if the offeror represented itself as a WOSB concern eligible under the WOSB Program in (c)(6) of this provision.] The offeror represents that--

Name of Offeror or Contractor:

(i) It ___ is, ___ is not an EDWOSB concern, has provided all the required documents to the WOSB Repository, and no change in circumstances or adverse decisions have been issued that affects its eligibility; and

(ii) It ___ is, ___ is not a joint venture that omplies with the requirements of 13 CFR part 127, and the representation in paragraph (c)(7)(i) of this provision is accurate for each EDWOSB concern participating in the joint venture. [The offeror shall enter the name or names of the EDWOSB concern and other small businesses that are participating in the joint venture:]

Each EDWOSB concern participating in the joint venture shall submit a separate signed copy of the EDWOSB representation.

Note: Complete paragraphs (c)(8) and (c)(9) only if this solicitation is expected to exceed the simplified acquisition threshold.

(8) Women-owned business concern (other than small business concern). [Complete only if the offeror is a women-owned business concern and did not represent itself as a small business concern in paragraph (c)(1) of this provision.]. The offeror represents that it ___ is, a women-owned business concern.

(9) Tie bid priority for labor surplus area concerns. If this is an invitation for bid, small business offerors may identify the labor surplus areas in which costs to be incurred on account of manufacturing or production (by offeror or first-tier subcontractors) amount to more than 50 percent of the contract price:

(10) [Complete only if the solicitation contains the clause at FAR 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns, or FAR 52.219-25, Small Disadvantaged Business Participation Program Disadvantaged Status and Reporting, and the offeror desires a benefit based on its disadvantaged status.]

(i) General. The offeror represents that either

(A) It ___ is, ___ is not certified by the Small Business Administration as a small disadvantaged business concern and identified, on the date of this representation, as a certified small disadvantaged business concern in the SAM Dynamic Small Business Search database maintained by the Small Business Administration (PRO-Net), and that no material change in disadvantaged ownership and control has occurred since its certification, and, where the concern is owned by one or more individuals claiming disadvantaged status, the net worth of each individual upon whom the certification is based does not exceed \$750,000 after taking into account the applicable exclusions set forth at 13 CFR 124.104(c)(2); or

(B) It ___ has, ___ has not submitted a completed application to the Small Business Administration or a Private Certifier to be certified as a small disadvantaged business concern in accordance with 13 CFR 124, Subpart B, and a decision on that application is pending, and that no material change in disadvantaged ownership and control has occurred since its application was submitted.

(ii) Joint Ventures under the Price Evaluation Adjustment for Small Disadvantaged Business Concerns. The offeror represents, as part of its offer, that it is a joint venture that complies with the requirements in 13 CFR 124.1002(f) and that the representation in paragraph (c)(10)(i) of this provision is accurate for the small disadvantaged business concern that is participating in the joint venture. [The offeror shall enter the name of the small disadvantaged business concern that is participating in the joint venture: _____.]

(11) HUBZone small business concern. [Complete only if the offeror represented itself as a small business concern in paragraph (c)(1) of this provision.] The offeror represents, as part of its offer, that--

(i) It ___ is, ___ is not a HUBZone small business concern listed, on the date of this representation, on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration, and no material changes in ownership and control, principal office, or HUBZone employee percentage have occurred since it was certified in accordance with 13 CFR Part 126; and

(ii) It ___ is, ___ not a HUBZone joint venture that complies with the requirements of 13 CFR Part 126, and the representation in paragraph (c)(11)(i) of this provision is accurate for each HUBZone small business concern participating in the HUBZone joint venture. [The offeror shall enter the names of each of the HUBZone small business concerns participating in the HUBZone joint venture: _____.] Each HUBZone small business concern participating in the HUBZone joint venture shall submit a separate signed copy of the HUBZone representation.

(12) (Complete if the offeror has represented itself as disadvantaged in paragraph (c)(4) or (c)(8) of this provision.) [The offeror shall check the category in which its ownership falls]:

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Name of Offeror or Contractor:

___ Black American.

___ Hispanic American.

___ Native American (American Indians, Eskimos, Aleuts, or Native Hawaiians).

___ Asian-Pacific American (persons with origins from Burma, Thailand, Malaysia, Indonesia, Singapore, Brunei, Japan, China, Taiwan, Laos, Cambodia (Kampuchea), Vietnam, Korea, The Philippines, U.S. Trust Territory or the Pacific Islands (Republic of Palau), Republic of the Marshall Islands, Federated States of Micronesia, the Commonwealth of the Northern Mariana Islands, Guam, Samoa, Macao, Hong Kong, Fiji, Tonga, Kiribati, Tuvalu, or Nauru).

___ Subcontinent Asian (Asian-Indian) American (persons with origins from India, Pakistan, Bangladesh, Sri Lanka, Bhutan, the Maldives Islands, or Nepal).

___ Individual/concern, other than one of the preceding.

(d) Representations required to implement provisions of Executive Order 11246 --

(1) Previous contracts and compliance. The offeror represents that --

(i) It ___ has, ___ has not, participated in a previous contract or subcontract subject to the Equal Opportunity clause of this solicitation; and

(ii) It ___ has, ___ has not, filed all required compliance reports.

(2) Affirmative Action Compliance. The offeror represents that --

(i) It ___ has developed and has on file, ___ has not developed and does not have on file, at each establishment, affirmative action programs required by rules and regulations of the Secretary of Labor (41 CFR parts 60-1 and 60-2), or

(ii) It ___ has not previously had contracts subject to the written affirmative action programs requirement of the rules and regulations of the Secretary of Labor.

(e) Certification Regarding Payments to Influence Federal Transactions (31 U.S.C. 1352). (Applies only if the contract is expected to exceed \$150,000.) By submission of its offer, the offeror certifies to the best of its knowledge and belief that no Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress or an employee of a Member of Congress on his or her behalf in connection with the award of any resultant contract.

(f) Buy American Act Certificate. (Applies only if the clause at Federal Acquisition Regulation (FAR) 52.225-1, Buy American Act Supplies, is included in this solicitation.)

(1) The offeror certifies that each end product, except those listed in paragraph (f)(2) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The offeror shall list as foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of "domestic end product." The terms "commercially available off-the-shelf (COTS) item," "component," "domestic end product," "end product," "foreign end product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act--Supplies."

(2) Foreign End Products:

LINE ITEM NO.	COUNTRY OF ORIGIN
[List as necessary]	

(3) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(g)(1) Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate. (Applies only if the clause at FAR 52.225-3, Buy American Act--Free Trade Agreements--Israeli Trade Act, is included in this solicitation.)

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PIIN/SIIN W56HZV-14-R-0002

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Name of Offeror or Contractor:

(i) The offeror certifies that each end product, except those listed in paragraph (g)(1)(ii) or (g)(1)(iii) of this provision, is a domestic end product and that for other than COTS items, the offeror has considered components of unknown origin to have been mined, produced, or manufactured outside the United States. The terms "Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end product," "commercially available off-the-shelf (COTS) item," "component," "domestic end product," "end product," "foreign end product," "Free Trade Agreement country," "Free Trade Agreement country end product," "Israeli end product," and "United States" are defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act."

(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled "Buy American Act--Free Trade Agreements--Israeli Trade Act":

Free Trade Agreement Country End Products (Other than Bahrainian, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

LINE ITEM NO. COUNTRY OF ORIGIN

[List as necessary]

(iii) The offeror shall list those supplies that are foreign end products (other than those listed in paragraph (g)(1)(ii) or this provision) as defined in the clause of this solicitation entitled Buy American Act -- Free Trade Agreements -- Israeli Trade Act. The offeror shall list as other foreign end products those end products manufactured in the United States that do not qualify as domestic end products, i.e., an end product that is not a COTS item and does not meet the component test in paragraph (2) of the definition of "domestic end product."

Other Foreign End Products:

Line Item No. Country of Origin

[List as necessary]

(iv) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25.

(2) Buy American Act -- Free Trade Agreements -- Israeli Trade Act Certificate, Alternate I. If Alternate I to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products as defined in the clause of this solicitation entitled Buy American Act -- Free Trade Agreements -- Israeli Trade Act:

Canadian End Products:

Line Item No.:

[List as necessary]

(3) Buy American Act -- Free Trade Agreements -- Israeli Trade Act Certificate, Alternate II. If Alternate II to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Canadian end products or Israeli end products as defined in the clause of this solicitation entitled ``Buy American Act--Free Trade Agreements--Israeli Trade Act'':

Canadian or Israeli End Products:

Name of Offeror or Contractor:

Line Item No. Country of Origin

[List as necessary]

(4) Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate, Alternate III. If Alternate III to the clause at FAR 52.225-3 is included in this solicitation, substitute the following paragraph (g)(1)(ii) for paragraph (g)(1)(ii) of the basic provision:

(g)(1)(ii) The offeror certifies that the following supplies are Free Trade Agreement country end products (other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian end products) or Israeli end products as defined in the clause of this solicitation entitled ``Buy American Act--Free Trade Agreements--Israeli Trade Act``:

Free Trade Agreement Country End Products (Other than Bahrainian, Korean, Moroccan, Omani, Panamanian, or Peruvian End Products) or Israeli End Products:

Line Item No. Country of Origin

[List as necessary]

(5) Trade Agreements Certificate. (Applies only if the clause at FAR 52.225-5, Trade Agreements, is included in this solicitation.)

(i) The offeror certifies that each end product, except those listed in paragraph (g)(4)(ii) of this provision, is a U.S.-made or designated country end product as defined in the clause of this solicitation entitled Trade Agreements.

(ii) The offeror shall list as other end products those end products that are not U.S.-made or designated country end products.

Other End Products

Line Item No. Country of Origin

[List as necessary]

(iii) The Government will evaluate offers in accordance with the policies and procedures of FAR Part 25. For line items covered by the WTO GPA, the Government will evaluate offers of U.S.-made or designated country end products without regard to the restrictions of the Buy American Act. The Government will consider for award only offers of U.S.-made or designated country end products unless the Contracting Officer determines that there are no offers for such products or that the offers for such products are insufficient to fulfill the requirements of the solicitation.

(h) Certification Regarding Responsibility Matters (Executive Order 12689). (Applies only if the contract value is expected to exceed the simplified acquisition threshold.) The offeror certifies, to the best of its knowledge and belief, that the offeror and/or any of its principals--

(1) ___ Are, ___ are not presently debarred, suspended, proposed for debarment, or declared ineligible for the award of contracts by any Federal agency;

(2) ___ Have, ___ have not, within a three-year period preceding this offer, been convicted of or had a civil judgment rendered against them for: commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a Federal, state or local government contract or subcontract; violation of Federal or state antitrust statutes relating to the submission of offers; or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, tax evasion, violating Federal criminal tax laws, or receiving stolen property;

(3) ___ Are, ___ are not presently indicted for, or otherwise criminally or civilly charged by a Government entity with, commission of any of these offenses enumerated in paragraph (h)(2) of this clause; and

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Name of Offeror or Contractor:

(k) Certificates regarding exemptions from the application of the Service Contract Act. (Certification by the offeror as to its compliance with respect to the contract also constitutes its certification as to compliance by its subcontractor if it subcontracts out the exempt services.) [The contracting officer is to check a box to indicate if paragraph (k)(1) or (k)(2) applies.]

(1) Maintenance, calibration, or repair of certain equipment as described in FAR 22.1003-4(c)(1). The offeror does does not certify that

(i) The items of equipment to be serviced under this contract are used regularly for other than Governmental purposes and are sold or traded by the offeror (or subcontractor in the case of an exempt subcontract) in substantial quantities to the general public in the course of normal business operations;

(ii) The services will be furnished at prices which are, or are based on, established catalog or market prices (see FAR 22.1003-4(c)(2)(ii)) for the maintenance, calibration, or repair of such equipment; and

(iii) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract will be the same as that used for these employees and equivalent employees servicing the same equipment of commercial customers.

(2) Certain services as described in FAR 22.1003-4(d)(1). The offeror does does not certify that

(i) The services under the contract are offered and sold regularly to non-Governmental customers, and are provided by the offeror (or subcontractor in the case of an exempt subcontract) to the general public in substantial quantities in the course of normal business operations;

(ii) The contract services will be furnished at prices that are, or are based on, established catalog or market prices (see FAR 22.1003-4(d)(2)(iii));

(iii) Each service employee who will perform the services under the contract will spend only a small portion of his or her time (a monthly average of less than 20 percent of the available hours on an annualized basis, or less than 20 percent of available hours during the contract period if the contract period is less than a month) servicing the Government contract; and

(iv) The compensation (wage and fringe benefits) plan for all service employees performing work under the contract is the same as that used for these employees and equivalent employees servicing commercial customers.

(3) If paragraph (k)(1) or (k)(2) of this clause applies

(i) If the offeror does not certify to the conditions in paragraph (k)(1) or (k)(2) and the Contracting Officer did not attach a Service Contract Act wage determination to the solicitation, the offeror shall notify the Contracting Officer as soon as possible; and

(ii) The Contracting Officer may not make an award to the offeror if the offeror fails to execute the certification in paragraph (k)(1) or (k)(2) of this clause or to contact the Contracting Officer as required in paragraph (k)(3)(i) of this clause.

(1) Taxpayer Identification Number (TIN) (26 U.S.C. 6109, 31 U.S.C. 7701). (Not applicable if the offeror is required to provide this information to the SAM database to be eligible for award.)

(1) All offerors must submit the information required in paragraphs (1)(3) through (1)(5) of this provision to comply with debt collection requirements of 31 U.S.C. 7701(c) and 3325(d), reporting requirements of 26 U.S.C. 6041, 6041A, and 6050M, and implementing regulations issued by the Internal Revenue Service (IRS).

(2) The TIN may be used by the Government to collect and report on any delinquent amounts arising out of the offeror's relationship with the Government (31 U.S.C. 7701(c)(3)). If the resulting contract is subject to the payment reporting requirements described in FAR 4.904, the TIN provided hereunder may be matched with IRS records to verify the accuracy of the offeror's TIN.

(3) Taxpayer Identification Number (TIN).

* TIN: _____.

* TIN has been applied for.

* TIN is not required because:

* Offeror is a nonresident alien, foreign corporation, or foreign partnership that does not have income effectively connected with the conduct of a trade or business in the United States and does not have an office or place of business or a fiscal paying agent in the United States;

* Offeror is an agency or instrumentality of a foreign government;

Name of Offeror or Contractor:

* Offeror is an agency or instrumentality of the Federal Government.

(4) Type of organization.

- * Sole proprietorship;
- * Partnership;
- * Corporate entity (not tax-exempt);
- * Corporate entity (tax-exempt);
- * Government entity (Federal, State, or local);
- * Foreign government;
- * International organization per 26 CFR 1.6049-4;
- * Other _____.

(5) Common parent.

- * Offeror is not owned or controlled by a common parent;
- * Name and TIN of common parent:

Name _____.

TIN _____.

(m) Restricted business operations in Sudan. By submission of its offer, the offeror certifies that the offeror does not conduct any restricted business operations in Sudan.

(n) Prohibition on Contracting with Inverted Domestic Corporations--

(1) Relation to Internal Revenue Code. An inverted domestic corporation as herein defined does not meet the definition of an inverted domestic corporation as defined by the Internal Revenue Code 25 U.S.C. 7874.

(2) Representation. By submission of its offer, the offeror represents that--

- (i) It is not an inverted domestic corporation; and
- (ii) It is not a subsidiary of an inverted domestic corporation.

(o) Prohibition on contracting with entities engaging in certain activities or transactions relating to Iran.

(1) The offeror shall email questions concerning sensitive technology to the Department of State at CISADA106@state.gov.

(2) Representation and certifications. Unless a waiver is granted or an exception applies as provided in paragraph (o)(3) of this provision, by submission of its offer, the offeror--

(i) Represents, to the best of its knowledge and belief, that the offeror does not export any sensitive technology to the government of Iran or any entities or individuals owned or controlled by, or acting on behalf or at the direction of, the government of Iran;

(ii) Certifies that the offeror, or any person owned or controlled by the offeror, does not engage in any activities for which sanctions may be imposed under section 5 of the Iran Sanctions Act; and

(iii) Certifies that the offeror, and any person owned or controlled by the offeror, does not knowingly engage in any transaction that exceeds \$3,000 with Iran's Revolutionary Guard Corps or any of its officials, agents, or affiliates, the property and interests in property of which are blocked pursuant to the International Emergency Economic Powers Act (50 U.S.C. 1701 et seq.) (see OFAC's Specially Designated Nationals and Blocked Persons List at <http://www.treasury.gov/ofac/downloads/tllsdsn.pdf>).

(3) The representation and certification requirements of paragraph (o)(2) of this provision do not apply if--

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Name of Offeror or Contractor:

- (i) This solicitation includes a trade agreements certification (e.g., 52.212-3(g) or a comparable agency provision); and
- (ii) The offeror has certified that all the offered products to be supplied are designated country end products.

(End of Provision)

8 252.209-7994 REPRESENTATION BY CORPORATIONS REGARDING AN UNPAID DELINQUENT TAX OCT/2013
 (DEV 2014- LIABILITY OR A FELONY CONVICTION UNDER ANY FEDERAL LAW--FISCAL YEAR
 00004) 2014 APPROPRIATIONS (DEV 2014-00004)

(a) In accordance with section 101(a) of Division A of the Continuing Appropriations Act, 2014 (Pub. L. 113-46), none of the funds made available by that Act for DoD (including Military Construction funds) may be used to enter into a contract with any corporation that--

(1) Has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency is aware of the unpaid tax liability, unless the agency has considered suspension or debarment of the corporation and made a determination that this further action is not necessary to protect the interests of the Government; or

(2) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency is aware of the conviction, unless the agency has considered suspension or debarment of the corporation and made a determination that this action is not necessary to protect the interests of the Government.

(b) The Offeror represents that--

(1) It is [] is not [] a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability,

(2) It is [] is not [] a corporation that was convicted of a felony criminal violation under a Federal law within the preceding 24 months.

(End of provision)

9 252.209-7995 REPRESENTATION BY CORPORATIONS REGARDING AN UNPAID DELINQUENT TAX APR/2013
 (DEV 2013- LIABILITY OR A FELONY CONVICTION UNDER ANY FEDERAL LAW -- FISCALYEAR
 00010) 2013 APPROPRIATIONS (DEV 2013-00010)

(a) In accordance with sections 8112 and 8113 of Division C and sections 514 and 515 of Division E of the Consolidated and Further Continuing Appropriations Act, 2013,(Pub. L. 113-6), none of the funds made available by that Act for DoD (including Military Construction funds) may be used to enter into a contract with any corporation that--

(1) Has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency is aware of the unpaid tax liability, unless the agency has considered suspension or debarment of the corporation and made a determination that this further action is not necessary to protect the interests of the Government; or

(2) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency is aware of the conviction, unless the agency has considered suspension or debarment of the corporation and made a determination that this action is not necessary to protect the interests of the Government.

(b) The Offeror represents that--

(1) It is [] is not [] a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability,

(2) It is [] is not [] a corporation that was convicted of a felony criminal violation under a Federal law within the preceding 24 months.

(End of provision)

Name of Offeror or Contractor:

10 252.209-7999 REPRESENTATION BY CORPORATIONS REGARDING AN UNPAID DELINQUENT TAX JAN/2012
 (DEV 2012- LIABILITY OR A FELONY CONVICTION UNDER ANY FEDERAL LAW (DEVIATION
 00004) 2012-00004)

(a) In accordance with sections 8124 and 8125 of Division A of the Consolidated Appropriations Act, 2012, (Pub. L. 112-74) none of the funds made available by that Act may be used to enter into a contract with any corporation that--

(1) Has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability, where the awarding agency is aware of the unpaid tax liability, unless the agency has considered suspension or debarment of the corporation and made a determination that this further action is not necessary to protect the interests of the Government.

(2) Was convicted of a felony criminal violation under any Federal law within the preceding 24 months, where the awarding agency is aware of the conviction, unless the agency has considered suspension or debarment of the corporation and made a determination that this action is not necessary to protect the interests of the Government.

(b) The Offeror represents that--

(1) It is [] is not [] a corporation that has any unpaid Federal tax liability that has been assessed, for which all judicial and administrative remedies have been exhausted or have lapsed, and that is not being paid in a timely manner pursuant to an agreement with the authority responsible for collecting the tax liability,

(2) It is [] is not [] a corporation that was convicted of a felony criminal violation under a Federal law within the preceding 24 months.

(End of provision)

11 52.215-4010 AUTHORIZED NEGOTIATORS MAR/2013
 (TACOM)

Please identify, below, the representatives that are authorized to negotiate on your organization's behalf with the Government in connection with this request for proposals or request for information:

PERSONS AUTHORIZED TO NEGOTIATE

NAME: _____
 TITLE: _____
 TELEPHONE NUMBER: _____
 EMAIL ADDRESS: _____

NAME: _____
 TITLE: _____
 TELEPHONE NUMBER: _____
 EMAIL ADDRESS: _____

[End of Provision]

12 52.223-4002 USE OF CLASS I OZONE-DEPLETING SUBSTANCES (CIODS) OCT/2008
 (TACOM)

(a) Definitions.

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INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1	52.212-1	INSTRUCTIONS TO OFFERORS--COMMERCIAL ITEMS	JUL/2013
2	52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE	APR/1991
3	52.214-35	SUBMISSIONS OF OFFERS IN U.S. CURRENCY	APR/1991
4	252.215-7008	ONLY ONE OFFER	JUN/2012
5	52.211-14	NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE, EMERGENCY PREPAREDNESS, AND ENERGY PROGRAM USE	APR/2008

Any contract awarded as a result of this solicitation will be [X] DX rated order; [] DO rated order; certified for national defense, emergency preparedness, and energy program use under the Defense Priorities and Allocations System (DPAS) (15 CFR 700), and the Contractor will be required to follow all of the requirements of this regulation.

(End of Provision)

6	52.215-20	REQUIREMENTS FOR CERTIFIED COST OR PRICING DATA AND DATA OTHER THAN CERTIFIED COST OR PRICING DATA (OCT 2010) -- ALTERNATE IV (OCT 2010)	OCT/2010
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(a) Submission of certified cost or pricing data is not required.

(b) Provide data described below:

The contracting officer reserves the right to require the offeror to submit the information described in (1) below to determine reasonableness of the offered price(s). If that information is inapplicable or inadequate for determining price reasonableness, the contracting officer reserves the right to require the offeror to submit the information described in (2) below.

(1) The offeror shall, at a minimum, submit information on prices at which the same item or similar items have previously been sold in the commercial market that is adequate for evaluating the reasonableness of the price for this acquisition. Such information may include --

(a) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy of, or describe, current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price of recent sales in quantities similar to the proposed quantities;

(b) For catalog, price list or other items, evidence of prices charged customers in the commercial market, under similar circumstances. This may include copies of contracts (or invoices) with commercial customers to document the prices charged.

(2) If the contracting officer determines the submitted information to be inadequate, the offeror shall submit a breakdown of the elements of cost (material, labor, overheads, other direct costs, packaging, G&A, profit or fee, etc.) used in the development of (or to support) the proposed price. For each of these elements of cost, the contracting officer reserves the right to require the offeror to also provide enough supporting detail or rationale to enable the contracting officer to evaluate the reasonableness of the cost element(s) (FAR 15.403-1(c)(3)(ii)(c)).

(End of clause)

7	52.233-2	SERVICE OF PROTEST	SEP/2006
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(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from:

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Name of Offeror or Contractor:

TACOM LCMC, ATTN: CCTA
(Army Contracting Command Warren - Protest Coordinator, Mail Stop 315, 6501 E. 11 Mile Rd.,
Warren, MI 48397-5000).

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of Provision)

8 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE FEB/1998

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://www.arnet.gov/far/> or <http://www.acq.osd.mil/dpap/dars/index.htm> or <http://farsite.hill.af.mil/VFAFARA.HTM>

9 52.252-5 AUTHORIZED DEVIATIONS IN PROVISIONS APR/1984

(a) The use in this solicitation of any Federal Acquisition Regulation (48 CFR Chapter 1) provision with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the provision.

(b) The use in this solicitation of any DoD FAR SUPPLEMENT (48 CFR Chapter 2) provision with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

(End of clause)

10 52.211-4054 PACKING/PACKAGING LEVEL FOR OPTION QUANTITIES MAR/1989
(TACOM)

For purposes of computing a price for the option quantity specified in Section B of this solicitation and unless otherwise indicated in Section B, it is understood and agreed that the option unit price includes the same level(s) of packing/packaging as those that apply to the basic contract quantity.

11 52.215-4003 HANDCARRIED OFFERS - INCLUDING OFFERS DELIVERED BY EXPRESS SERVICES MAY/2011
(TACOM) (NON-US POSTAL SERVICE MAIL)

(a) Unless specifically authorized elsewhere in this solicitation, paper offers will not be accepted. The term "handcarried offers" generally refers to offers contained on electronic media, which we recognize may be delivered "by hand." Handcarried offers must be delivered to Building 255.

(b) Handcarried offers, including disks or other electronic media, shall be addressed to:

U.S. Army Contracting Command - Warren
Bid Room, Bldg 231, Mail Stop 303
6501 East 11 Mile Road
Warren, MI 48397-5000

(c) Offers shall not be addressed to an individual buyer. All offers must be addressed to the Offer Receipt Office at the above address.

(d) The external delivery envelope or wrapper must be marked with the solicitation number and the date and time of the solicitation closing. Each envelope should contain only one offer.

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(e) Handcarried offers must be delivered to Building 255. Directions to TACOM: From Van Dyke Avenue, travel westbound on 11 Mile Road; enter the first Arsenal gate immediately west of the railroad tracks on the north side of the street. Take an immediate right and follow security officer directions to the Receiving Dock in Building 255. The driver may need to obtain a visitors badge, and must be a US citizen. The Government will forward the package to the Offer Receipt Office in Building 231.

(f) Offerors must ensure that the commercial carrier they use has a tracking system that can provide documentation of the date and time of delivery to the Government. For handcarried offers delivered by other than a commercial carrier, the offeror must ensure that the delivery person obtains a signature from Receiving Dock personnel on a receipt that shows the date and time of delivery to the Government. The delivery person must provide the receipt since Receiving Dock personnel do not have them.

(g) Packages must be delivered to Building 255 between the hours of 8:00 am and 3:00 pm local time.

[End of Provision]

12 52.215-4404 DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY MAY/2002

(a) The Government often employs contractors as system administrators to operate and maintain Government computer systems. These systems include local area networks, web sites, databases, other electronic records, e-mail accounts, other electronic data transfer mechanisms and computer software. The employees of these contracted system administrators sign nondisclosure agreements obligating them not to reveal information contained in files, documents, computers or systems that they administer. However, unless such information is protected in some way, contracted system administrators do have the ability to access such information. For further information on security issues, see <http://contracting.tacom.army.mil/acqinfo/ebidnotice.htm>

(b) Potential contractors as well as any other parties are thus advised to take steps needed to prevent access by contracted system administrators to information submitted electronically to the Government. Absent such steps, it is assumed that contracted system administrators are permitted the capability to access the data. The access will be limited to that which is necessary for the contract system administrator to perform its duties for the Government. The access shall be subject to the condition that third party information is not to be revealed by the contracted system administrator.

[End of Provision]

13 52.233-4001 HQ-AMC LEVEL PROTEST PROCEDURES OCT/2013

Complete AMC Protest Procedures can be found at: <http://www.amc.army.mil/pa/COMMANDCOUNSEL.asp>

An agency protest may be filed with either the contracting officer or to HQAMC but not both following the procedures listed on the website above.

[End of Provision]

14 52.245-4002 ACQUISITION OF NEW FACILITIES, SPECIAL TEST EQUIPMENT, OR SPECIAL TOOLING MAR/1996
(TACOM)

(a) It is not the intent of the Government to acquire, or to have acquired for its account, any facilities, special test equipment, or special tooling as those terms are defined below. The Government shall under no circumstances reimburse the offeror for the cost of any new facilities, special test equipment, or special tooling as a separate item. An offeror may, however, amortize the cost of any such facilities, special test equipment, or special tooling it may require in the submitted price of the items. Such facilities, special test equipment or special tooling shall not be subject to Government option rights to take title to the same except as specified in the DEFAULT, TERMINATION FOR THE CONVENIENCE OF THE GOVERNMENT, and/or PROGRESS PAYMENT clauses of this contract.

(b) As used in this solicitation/contract, FACILITIES means industrial property (other than material, special tooling, military property, and special test equipment) for production, maintenance, research, development, or test, including real property and rights in it, buildings, structures, improvements, and plant equipment.

(c) As used in this solicitation/contract, SPECIAL TEST EQUIPMENT means either single or multipurpose integrated test units engineered, designed, fabricated, or modified to accomplish special purpose testing in the performance of the contract. Such testing units comprise electrical, electronic, hydraulic, pneumatic, mechanical, or other items or assemblies of equipment, that are mechanically, electrically, or electronically interconnected so as to become a new functional entity, causing the individual item or items to become interdependent and essential in the performance of special purpose testing in the development or production of

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particular supplies or services. The term SPECIAL TEST EQUIPMENT does not include: (1) material; (2) special tooling; (3) buildings and nonseverable structures (except foundations and similar improvements necessary for the installation of special test equipment); and (4) plant equipment items used for general plant testing purposes.

(d) As used in this solicitation/contract, SPECIAL TOOLING means all jigs, dies, fixtures, molds, patterns, taps, gauges, other equipment and manufacturing aids, and their replacements, which are of such a specialized nature that, without substantial modification or alteration, their use is limited to the development or production of particular supplies or parts of them, or the performance of particular services. The term includes all components of such items, but does not include: (1) material; (2) special test equipment; or (3) buildings, and nonseverable structures (except foundations and similar improvements necessary for the installation of special tooling), general or special machine tools, or similar capital items.

[End of Provision]

Name of Offeror or Contractor:

EVALUATION FACTORS FOR AWARD

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
1	52.217-5	EVALUATION OF OPTIONS	JUL/1990
2	52.209-4006 (TACOM)	EVALUATION FACTORS FOR FIRST ARTICLE TEST REQUIREMENT	JUL/2000

(a) If the offeror submits a request for waiver of First Article Testing but fails to comply with the requirements of the provision entitled PROVISION FOR WAIVER, the requested waiver may not be granted. If the waiver is not granted, more favorable alternative offers of price or delivery, conditioned upon the granting of a waiver, will not be considered in the evaluation process.

(b) DELIVERY EVALUATION FACTORS:

(1) As specified in this solicitation, the Government reserves the right to waive the requirement entitled FIRST ARTICLE APPROVAL, and will require an accelerated delivery schedule if the successful offeror is granted such a waiver. However, in no case will a delivery schedule predicated upon waiver of the First Article Test requirement be considered as an evaluation factor for award, even if such a schedule would be more advantageous to the Government.

(2) If an offeror requests waiver of First Article Testing but takes exception to the accelerated delivery schedule set forth in the Section F clause entitled DELIVERY SCHEDULE (52.242-4022, TACOM) herein, such offeror is not eligible for the requested waiver. In consequence, any award to that offeror will reflect either (i) the Government-proposed delivery schedule shown in that same clause, or (ii) the contractor-proposed schedule in that clause, if the Government has accepted it.

(c) PRICE EVALUATION FACTORS: As specified in this solicitation, the Government reserves the right to waive the requirement in Section I entitled FIRST ARTICLE APPROVAL, and requests the price of the proposed First Article Test (at Section B, CLIN 0021AA and CLIN 0022AA) from offerors who elect to seek such a waiver. In the event that the offeror requests and receives a waiver of First Article Test requirements, the price for such testing, as identified by the offeror in Section B, CLIN 0021AA and CLIN 0022AA, shall be deducted from the total price otherwise cited for the materiel herein solicited. The offer will then be evaluated for award at the resulting alternate price.

(1) If the offeror requests a waiver of First Article Test requirements, but fails to separately identify the cost of First Article Testing in Section B, CLIN 0021AA and CLIN 0022AA) of this solicitation, the Government reserves the right to evaluate the offer based upon the price for n/a, and to require that offeror perform on the contract at such price whether or not the First Article Requirement is waived, at no additional cost to the Government.

(2) If the offeror requests but is not granted a waiver of First Article Testing, evaluation for award will be based upon the full amount entered for n/a: the amount entered for item CLIN 0021AA and CLIN 0022AA will not be deducted by the Government.

[End of Provision]

3	52.209-4011 (TACOM)	CONTRACTOR RESPONSIBILITY AND ELIGIBILITY FOR AWARD	JAN/2001
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(a) We'll award a contract to the offeror that:

- (1) submits the lowest evaluated offer if award is based on price only, or the offer that provides the best value to the Government if factors in addition to price are identified elsewhere in this solicitation, and
- (2) submits a bid or proposal that meets all the material requirements of this solicitation, and
- (3) meets all the responsibility criteria at FAR 9.104.

(b) To make sure that you meet the responsibility criteria at FAR 9.104 we may:

- (1) arrange a visit to your plant and perform a preaward survey;
- (2) ask you to provide financial, technical, production, or managerial background information.

(c) If you don't provide us with the data we ask for within 7 days from the date you receive our request, or if you refuse to have us visit your facility, we may determine you nonresponsible.

(d) If we visit your facility, please make sure that you have current certified financial statements and other data relevant to your bid or proposal available for our team to review.

