

<b>SOLICITATION, OFFER AND AWARD</b>			<b>1. This Contract Is A Rated Order Under DPAS (15 CFR 700)</b>		<b>Rating</b> DOA4	<b>Page</b> 1	<b>of</b> 99	<b>Pages</b>
<b>2. Contract Number</b>		<b>3. Solicitation Number</b> W56HZV-16-R-0007		<b>4. Type of Solicitation</b> <input type="checkbox"/> Sealed Bid (IFB) <input checked="" type="checkbox"/> Negotiated (RFP)		<b>5. Date Issued</b>		<b>6. Requisition/Purchase Number</b> SEE SCHEDULE
<b>7. Issued By</b> U.S. ARMY CONTRACTING COMMAND CCTA-HTM-A WARREN, MICHIGAN 48397-5000			<b>Code</b> W56HZV	<b>8. Address Offer To (If Other Than Item 7)</b>				

**NOTE: In sealed bid solicitations 'offer' and 'offeror' mean 'bid' and 'bidder'.**

### SOLICITATION

**9. Sealed offers in original and \_\_\_\_\_ copies for furnishing the supplies or services in the Schedule will be received at the place specified in item 8, or if handcarried, in the depository located in \_\_\_\_\_ until \_\_\_\_\_ (hour) local time \_\_\_\_\_ (Date).**

**Caution - Late Submissions, Modifications, and Withdrawals: See Section L, Provision No. 52.214-7 or 52.215-1. All offers are subject to all terms and conditions contained in this solicitation.**

<b>10. For Information</b> <b>Call:</b>	<b>A. Name</b> WINSLOW MORROW	<b>B. Telephone (No Collect Calls)</b>		<b>C. E-mail Address</b> WINSLOW.T.MORROW.CIV@MAIL.MIL
		<b>Area Code</b> (586)	<b>Number</b> 282-9949	<b>Ext.</b>

### 11. Table Of Contents

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### OFFER (Must be fully completed by offeror)

**NOTE: Item 12 does not apply if the solicitation includes the provisions at 52.214-16, Minimum Bid Acceptance Period.**

**12. In compliance with the above, the undersigned agrees, if this offer is accepted within \_\_\_\_\_ calendar days (60 calendar days unless a different period is inserted by the offeror) from the date for receipt of offers specified above, to furnish any or all items upon which prices are offered at the price set opposite each item, delivered at the designated point(s), within the time specified in the schedule.**

<b>13. Discount For Prompt Payment</b> (See Section I, Clause No. 52.232-8)	<b>10 Calendar Days (%)</b>	<b>20 Calendar Days (%)</b>	<b>30 Calendar Days (%)</b>	<b>Calendar Days (%)</b>
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<b>14. Acknowledgment of Amendments (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):</b>	<b>Amendment No.</b>	<b>Date</b>	<b>Amendment No.</b>	<b>Date</b>

<b>15A. Name and Address of Offeror</b>	<b>Code</b>	<b>Facility</b>	<b>16. Name and Title of Person Authorized to Sign Offer (Type or Print)</b>
<b>15B. Telephone Number</b>			<b>17. Signature</b>
<b>Area Code</b>	<b>Number</b>	<b>Ext.</b>	
<b>15C. Check if Remittance Address is</b> <input type="checkbox"/> Different From Above - Enter such Address In Schedule			<b>18. Offer Date</b>

### AWARD (To be completed by Government)

<b>19. Accepted As To Items Numbered</b>	<b>20. Amount</b>	<b>21. Accounting And Appropriation</b>	
<b>22. Authority For Using Other Than Full And Open Competition:</b> <input type="checkbox"/> 10 U.S.C. 2304(c)( ) <input type="checkbox"/> 41 U.S.C. 253(c)( )		<b>23. Submit Invoices To Address Shown In</b> (4 copies unless otherwise specified)	<b>Item</b> 25
<b>24. Administered By (If other than Item 7)</b> <b>Code</b>		<b>25. Payment Will Be Made By</b> <b>Code</b>	
<b>26. Name of Contracting Officer (Type or Print)</b>		<b>27. United States Of America</b>  (Signature of Contracting Officer)	<b>28. Award Date</b>

**IMPORTANT - Award will be made on this Form, or on Standard Form 26, or by other authorized official written notice.**

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b> W56HZV-16-R-0007 <b>PIIN/SIIN</b>	<b>Page 2 of 99</b> <b>MOD/AMD</b>
<b>Name of Offeror or Contractor:</b>		

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: WINSLOW MORROW  
 Buyer Office Symbol/Telephone Number: CCTA-HTM-A/(586)282-9949  
 Type of Contract 1: Firm Fixed Price  
 Kind of Contract: Supply Contracts and Priced Orders

\*\*\* End of Narrative A0000 \*\*\*

EXECUTIVE SUMMARY

A.1 GENERAL OVERVIEW  
 US Army Contracting Command Warren is requesting proposals for the Explosive Hazard Predetonation Roller (EHP Roller) Production program. The purpose of the EHP Roller Production program is to produce EHP Roller Systems and associated hardware in accordance with a Government-owned Level III Technical Data Package (TDP). This effort requires metal fabrication, hydraulic system fabrication and assembly, electrical system fabrication and assembly, and computer electronics fabrication and assembly. This procurement also includes ancillary kits: System Support Package (SSP), Basic Issue Items (BII), Authorized Stockage Lists (ASL) and Prescribed Load Lists (PLL).

A.2 EHP ROLLER PRODUCTION ACQUISITION STRATEGY  
 This Request for Proposal (RFP), W56HZV-16-R-0007 is solicited on a competitive basis as a Small Business Set Aside. The Government intends to award one five year firm-fixed-price Indefinite-Delivery Indefinite-Quantity (IDIQ) contract. The EHP Roller Production contract minimum is 40 EHP Rollers and the maximum is 370 EHP Rollers.

A.3 EHP ROLLER PRODUCTION SUBMISSION AND OTHER REQUIREMENTS  
 Section L of the solicitation describes the proposal requirements. The Government will evaluate proposals in accordance with Section M. The Government will conduct a best value evaluation of price and past performance factors.

A.3.1 ORGANIZATIONAL CONFLICTS OF INTEREST  
 The provisions of FAR 9.5, Organizational Conflict of Interest (OCI), apply to any award(s) made subsequent to RFP. Potential offerors should review current and planned participation in any other Government contracts, subcontracts, consulting, or teaming arrangements where they may be in a position of actual or perceived bias or unfair competitive advantage. A common example with the potential for OCI is where an entity performs work both as a system contractor/subcontractor and as a Government support contractor for Government offices involved in the EHP Roller Production or related programs.

A.3.1.1 CONTROLLED UNCLASSIFIED INFORMATION  
 The EHP Roller Production Level III TDP is export controlled and will be handled in accordance with the controlled unclassified information (CUI) handling procedures. Accordingly, CUI will be made available through an access request via the FedBizOpps (FBO) website at <https://www.fbo.gov/> .

A.4 Projected Schedule

A.4.1 TARGET CONTRACT AWARD  
 The Government intends to award a contract by 28 June 2019.

A.4.2 FIRST ARTICLE TESTING (FAT)  
 The contractor shall be required to deliver up to five EHP Rollers within 200 days after contract award for use in Government conducted FAT, which may take an additional 190 days for completion and disposition.

A.4.3 PRODUCTION  
 The contractor shall be required to start production deliveries 160 days after FAT approval at a rate of 10 units per month.

\*\*\* END OF NARRATIVE A0001 \*\*\*

A.1 Electronic Contracting

- (a) All Army Contracting Command Warren solicitations will be publicized on the Federal Business Opportunities website (<https://www.fbo.gov> ). Any additional attachments, including Technical Data Packages (TDPs) when available electronically, will be separate attachments or links embedded in the solicitation.
- (b) As of 10 August 2015, unless directed to do otherwise in Section L of this solicitation, vendors are required to submit a quote or proposal via the Federal Business Opportunities (FBO) system. Proposals or quotes submitted after this date using any other mechanism,

<p style="text-align: center;"><b>CONTINUATION SHEET</b></p>	<p style="text-align: center;"><b>Reference No. of Document Being Continued</b> W56HZV-16-R-0007</p> <p> <span style="float: left;">PIIN/SIIN</span> <span style="float: right;">MOD/AMD</span> </p>	<p style="text-align: right;"><b>Page 3 of 99</b></p>
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**Name of Offeror or Contractor:**

including the Army Single Face to Industry Bid Response System (ASFI BRS) may be deemed non-responsive.

(c) Requirements for the online FBO bid submission:

- (1) Vendors must log into the FBO System to be able to submit electronic responses for opportunities.
- (2) Vendors must be registered in the System for Award Management (SAM) at ".../.../Documents/SharePoint%20Drafts/www.sam.gov" (a Federal Government owned and operated free web site) and have a CAGE Code and CCR Marketing Partner Identification Number (MPIN).
- (3) Once logged into the FBO System, vendors will be asked to enter basic information and directed to upload one or more files containing the proposal/quote and any additional information as outlined in the solicitation.
- (4) FBO will send an email to vendors registered email address confirming the electronic submission.
- (5) For additional information on submitting electronic bid responses via the FBO system see the FBO Vendor Guide Section 4.3.1 Submitting an Electronic Response ([https://www.fbo.gov/downloads/FBO\\_Vendor\\_Guide.pdf](https://www.fbo.gov/downloads/FBO_Vendor_Guide.pdf) ).

Note to offerors:

- (d) Please pay close attention to the Issued By block location on the cover page of the solicitation for closing date and time. The closing date and time is based on the local time of the listed location of the Issued By office. In accordance with FAR 15.208(a), offerors are responsible for submitting proposals, and any revisions, and modifications, so as to be received by the Government office designated in the solicitation by the time specified.
- (e) It is the responsibility of the Offeror to ensure the proposal/quote is received by the date and time specified on the cover page of this solicitation. In accordance with FAR 15.208, if the proposal/quote was not received at the initial point of entry to the Government infrastructure (in this case, received through FBO) by the exact date and time specified on the cover page of this solicitation, it will be determined late. Proposal/quote is defined to mean ALL volumes or parts required in the solicitation are included in the electronic submission.

Note: There is no "expected" or "target" length of time for proposal submission; size and content may be factors, therefore offerors are strongly cautioned when submitting proposals to allow adequate time for submission.

- (f) Solicitations may remain posted on the FBO after the solicitation closing date. If the response deadline has passed for the solicitation, vendors will no longer be able to submit electronic responses.
- (g) Any award issued as a result of this solicitation will be distributed electronically. In the event of a FOIA request for a copy of any award issued as a result of this solicitation, or any subsequent modifications to the contract, the contract and modifications will be released, including the awarded unit price. This is the notice required by Executive Order 12600 (June 23, 1987) of the Governments intention to release unit prices in response to any request under the Freedom of Information Act (FOIA), 5 USC 552. Unit price is defined as the contract price per unit or item purchased as it appears in Section B of the contract and is NOT referring to nor does it include Cost or Pricing data/information. If an Offeror objects to such release in the base contract or contract modifications, the Offeror must notify the contracting officer in writing prior to the closing date identified in this solicitation and include the rationale for the objection consistent with the provisions of FOIA. A release determination will be made based on rationale given.
- (h) Questions pertaining to this solicitation should be directed to the Contract Specialist identified on the cover page of this solicitation. For technical assistance in doing business with the Government, and doing business electronically, please visit the Procurement Technical Assistance Center (PTAC) website at <http://www.aptac-us.org/> to locate a regional center.

**A.2 ACKNOWLEDGEMENT OF AMENDMENTS**

Acknowledge all the amendments received from the Government by identifying the amendment number and its issue date below:

<u>Amendment Number:</u>	<u>Date:</u>
_____	_____
_____	_____
_____	_____
_____	_____

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b> W56HZV-16-R-0007 <b>PIIN/SIIN</b>	<b>Page</b> 4 <b>of</b> 99 <b>MOD/AMD</b>
<b>Name of Offeror or Contractor:</b>		

A.3 ARMY CONTRACTING COMMAND WARREN (DTA) OMBUDSPERSON

Information regarding the Ombudsperson for this contract is located at the following website:  
<http://acc.army.mil/contractingcenters/acc-wrn/CompMgmtOffice.html>

A.4 DISTRIBUTION AND DESTRUCTION OF EXPORT CONTROL TECHNICAL DATA PACKAGE

- (a) This solicitation and resulting contract contains technical data whose export is restricted by 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. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25. This also applies to distribution of the TDP to all SUBCONTRACTORS at every level.
- (b) To be eligible to gain access to this export controlled TDP (via FedBizOpps) an offeror must have a current DD 2345, Militarily Critical Technical Data Agreement certification on file with the Defense Logistics Information Service (DLIS). To obtain certification, contractors must submit a DD Form 2345 to the United States (U.S.)/Canada Joint Certification Office (JCO), along with a copy of supporting documentation. DD Form 2345 and instructions can be found on the Joint Certification Program website at: <http://www.dla.mil/HQ/InformationOperations/Offers/Products/LogisticsApplications/JCP.aspx> Processing time is estimated at six (6) to ten (10) weeks after receipt. FBO will allow access to export controlled TDPs once certification is confirmed. Upon receipt of certification, an offeror may request the TDP in accordance with the instructions stated in the solicitation's Section C.
- (c) Upon completion of the purposes for which Government Technical Data has been provided, the offeror, and all subcontractors, vendors, and sub-vendors of the offeror, are required to destroy all documents, including all reproductions, duplications, or copies thereof as may have been further distributed.
- (d) 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.

A.5 ALL OR NONE

Offers in response to this solicitation must be submitted for the total quantity of the items identified in the solicitation.

- (1) ONLY ONE AWARD WILL BE MADE AS A RESULT OF THIS SOLICITATION.
- (2) OFFERS SUBMITTED FOR LESS THAN THE TOTAL QUANTITIES OF ALL THE ITEMS IN THIS SOLICITATION WILL BE DEEMED NONRESPONSIVE.

\*\*\* END OF NARRATIVE A0002 \*\*\*

**Name of Offeror or Contractor:**

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p>SUPPLIES OR SERVICES AND PRICES/COSTS:</p> <p>IN THE FOUR DIGIT ITEM NUMBERS (CLINS) THAT FOLLOW, THE NUMBERING SYSTEM THAT IS USED IS AS FOLLOWS:</p> <p>THE FIRST THREE DIGITS SIGNIFY ITEM AND THE FOURTH (LAST) DIGIT SIGNIFIES THE APPLICABLE ORDERING YEAR, i.e., CLIN 0011 IS FOR THE FIRST ITEM - FIRST ORDERING YEAR, CLIN 0012 IS FOR THE FIRST ITEM - SECOND ORDERING YEAR, CLIN 0013 IS FOR THE FIRST ITEM - THIRD ORDERING YEAR, ETC.</p> <p>A CLIN WITH A '0' IN THE FOURTH DIGIT IS NOT SPECIFIC TO AN ORDERING YEAR AND CAN BE ORDERED AT ANY TIME DURING THE FIVE ORDERING YEARS OF THE CONTRACT.</p> <p>*****</p> <p>THE FOLLOWING DEFINITIONS APPLY TO THE ENTIRE SOLICITATION AND RESULTING CONTRACT:</p> <p>FIRST ORDERING YEAR OF THE CONTRACT IS THE DATE OF AWARD PLUS 364 DAYS.</p> <p>SECOND ORDERING YEAR OF THE CONTRACT IS 365 DAYS THROUGH 729 DAYS AFTER CONTRACT AWARD.</p> <p>THIRD ORDERING YEAR OF THE CONTRACT IS 730 DAYS THROUGH 1,094 DAYS AFTER CONTRACT AWARD.</p> <p>FOURTH ORDERING YEAR OF THE CONTRACT IS 1,095 DAYS THROUGH 1,459 DAYS AFTER CONTRACT AWARD.</p> <p>FIFTH ORDERING YEAR OF THE CONTRACT IS 1,460 DAYS THROUGH 1,824 DAYS AFTER CONTRACT AWARD.</p> <p>*****</p> <p>NOTE: THE PRICE APPLICABLE TO AN INDIVIDUAL ORDER IS THE PRICE FOR THE ORDERING YEAR IN WHICH THE ORDER IS ISSUED. THE DELIVERY DATE DOES NOT DETERMINE THE ORDERING YEAR.</p> <p>*****</p> <p>The following minimum and maximum order quantities apply:</p> <p>CLIN 0011-0015 Min 40/Max 370            CLIN 0021-0025 Min 10/Max 78            CLIN 0031-0035 Min 25/Max 121            CLIN 0041-0045 Min 40/Max 370            CLIN 0050 Min 1/Max 5            CLIN 0060 Min 1/Max 5</p>				

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT															
0011	<p>(End of narrative A001)</p> <p><u>PRODUCTION ORDERING PERIOD 1</u></p> <p>NSN: 2590-01-626-9881 COMMODITY NAME: M163 EHP ROLLER CLIN CONTRACT TYPE: Firm Fixed Price Mfr CAGE: 19207 Mfr Part Number: 12579931</p> <p><u>Range Quantities</u></p> <table><tr><th>FROM</th><th>TO</th><th>UNIT PRICE</th></tr><tr><td>1</td><td>50</td><td>\$</td></tr><tr><td>51</td><td>150</td><td>\$</td></tr><tr><td>151</td><td>250</td><td>\$</td></tr><tr><td>251</td><td>370</td><td>\$</td></tr></table> <p>The guaranteed minimum EHP Roller quantity is 40 and the maximum total order quantity is 370.</p> <p>(End of narrative B001)</p> <p>Contractor shall provide supplies and/or services in accordance with C.1.1.2.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>  FOB POINT: Destination  SHIP TO:</p>	FROM	TO	UNIT PRICE	1	50	\$	51	150	\$	151	250	\$	251	370	\$	110 (E)	EA	See Range Pricing	\$ _____
FROM	TO	UNIT PRICE																		
1	50	\$																		
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151	250	\$																		
251	370	\$																		

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT															
0012	(W22PVJ) XU BLUE GRASS ARMY DEPOT BLUE GRASS ARMY DEPOT 431 BATTLEFIELD MEMORIAL HIGHWAY RICHMOND,KY,40475-5070	110 (E)	EA	See Range Pricing	\$_____															
	<u>PRODUCTION ORDERING PERIOD 2</u>																			
	NSN: 2590-01-626-9881 COMMODITY NAME: M163 EHP ROLLER CLIN CONTRACT TYPE: Firm Fixed Price Mfr CAGE: 19207 Mfr Part Number: 12579931																			
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0013	<u>PRODUCTION ORDERING PERIOD 3</u>   <																			

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT															
	<div>COMMODITY NAME: M163 EHP ROLLER</div> <div>CLIN CONTRACT TYPE:</div> <div>Firm Fixed Price</div> <div>Mfr CAGE: 19207</div> <div>Mfr Part Number: 12579931</div> <div><div>Range Quantities</div><table><tr><th>FROM</th><th>TO</th><th>UNIT PRICE</th></tr><tr><td>1</td><td>50</td><td>\$</td></tr><tr><td>51</td><td>150</td><td>\$</td></tr><tr><td>151</td><td>250</td><td>\$</td></tr><tr><td>251</td><td>370</td><td>\$</td></tr></table></div> <div>Contractor shall provide supplies and/or services in accordance with C.1.2.</div> <div>(End of narrative C001)</div> <div><div>Packaging and Marking</div><div>PACKAGING/PACKING/SPECIFICATIONS:</div><div>SEE SECTION D</div><div>LEVEL PRESERVATION: Commercial</div><div>LEVEL PACKING: Commercial</div></div> <div><div>Inspection and Acceptance</div><div>INSPECTION: Origin</div><div>ACCEPTANCE: Origin</div></div> <div><div>Deliveries or Performance</div><div>FOB POINT: Destination</div><div>SHIP TO:</div><div>(W22PVJ) XU BLUE GRASS ARMY DEPOT</div><div>BLUE GRASS ARMY DEPOT</div><div>431 BATTLEFIELD MEMORIAL HIGHWAY</div><div>RICHMOND,KY,40475-5070</div></div>	FROM	TO	UNIT PRICE	1	50	\$	51	150	\$	151	250	\$	251	370	\$				
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0014	<div><div>PRODUCTION ORDERING PERIOD 4</div><div>NSN: 2590-01-626-9881</div><div>COMMODITY NAME: M163 EHP ROLLER</div><div>CLIN CONTRACT TYPE:</div><div>Firm Fixed Price</div><div>Mfr CAGE: 19207</div><div>Mfr Part Number: 12579931</div><div><div>Range Quantities</div><table><tr><th>FROM</th><th>TO</th><th>UNIT PRICE</th></tr><tr><td>1</td><td>50</td><td>\$</td></tr><tr><td>51</td><td>150</td><td>\$</td></tr><tr><td>151</td><td>250</td><td>\$</td></tr><tr><td>251</td><td>370</td><td>\$</td></tr></table></div></div>	FROM	TO	UNIT PRICE	1	50	\$	51	150	\$	151	250	\$	251	370	\$	20 (E)	EA	See Range Pricing	\$ _____
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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT										
0021	<p><u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>  FOB POINT: Destination</p> <p>SHIP TO: (W22PVJ)    XU BLUE GRASS ARMY DEPOT               BLUE GRASS ARMY DEPOT               431 BATTLEFIELD MEMORIAL HIGHWAY               RICHMOND,KY,40475-5070</p>	22    (E)	EA	See Range Pricing	\$ _____										
	<p><u>PRODUCTION ORDERING PERIOD 1</u></p> <p>COMMODITY NAME: AUTHORIZED STOCKAGE LIST -ASL CLIN CONTRACT TYPE:     Firm Fixed Price</p> <p><u>Range Quantities</u></p> <table><tr><td><u>FROM</u></td><td><u>TO</u></td><td><u>UNIT PRICE</u></td></tr><tr><td>1</td><td>10</td><td>\$</td></tr><tr><td>11</td><td>20</td><td>\$</td></tr><tr><td>21</td><td>40</td><td>\$</td></tr><tr><td>41</td><td>68</td><td>\$</td></tr></table> <p>The guaranteed minimum ASL quantity is 10 and the maximum total order quantity is 78.</p> <p>(End of narrative B001)</p> <p>Contractor shall provide supplies and/or services in accordance with C.1.2.3.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS:     SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>  FOB POINT: Destination</p>					<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>	1	10	\$	11	20	\$	21
<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>													
1	10	\$													
11	20	\$													
21	40	\$													
41	68	\$													

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT										
0022	SHIP TO: (W22PVJ) XU BLUE GRASS ARMY DEPOT BLUE GRASS ARMY DEPOT 431 BATTLEFIELD MEMORIAL HIGHWAY RICHMOND, KY, 40475-5070	22 (E)	EA	See Range Pricing	\$ _____										
	<u>PRODUCTION ORDERING PERIOD 2</u>  COMMODITY NAME: AUTHORIZED STOCKAGE LIST -ASL CLIN CONTRACT TYPE: Firm Fixed Price  <u>Range Quantities</u> <table><tr><td><u>FROM</u></td><td><u>TO</u></td><td><u>UNIT PRICE</u></td></tr><tr><td>1</td><td>10</td><td>\$</td></tr><tr><td>11</td><td>20</td><td>\$</td></tr><tr><td>21</td><td>40</td><td>\$</td></tr><tr><td>41</td><td>68</td><td>\$</td></tr></table> Contractor shall provide supplies and/or services in accordance with C.1.2.3.  (End of narrative C001)  <u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A  <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin  <u>Deliveries or Performance</u> FOB POINT: Destination  SHIP TO: (W22PVJ) XU BLUE GRASS ARMY DEPOT BLUE GRASS ARMY DEPOT 431 BATTLEFIELD MEMORIAL HIGHWAY RICHMOND, KY, 40475-5070					<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>	1	10	\$	11	20	\$	21
<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>													
1	10	\$													
11	20	\$													
21	40	\$													
41	68	\$													
0023	<u>PRODUCTION ORDERING PERIOD 3</u>  COMMODITY NAME: AUTHORIZED STOCKAGE LIST -ASL CLIN CONTRACT TYPE: Firm Fixed Price	22 (E)	EA	See Range Pricing	\$ _____										

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<div><div><div><div><div><div>Range Quantities</div></div></div><div><div><div><div>FROM</div><div>TO</div><div>UNIT PRICE</div></div><div><div>1</div><div>10</div><div>\$</div></div><div><div>11</div><div>20</div><div>\$</div></div><div><div>21</div><div>40</div><div>\$</div></div><div><div>41</div><div>68</div><div>\$</div></div></div></div></div><div>Contractor shall provide supplies and/or services in accordance with C.1.2.3.</div><div>(End of narrative C001)</div><div><div>Packaging and Marking</div><div>PACKAGING/PACKING/SPECIFICATIONS:</div><div>SEE SECTION D</div><div>LEVEL PRESERVATION: Commercial</div><div>LEVEL PACKING: A</div></div><div><div>Inspection and Acceptance</div><div>INSPECTION: Origin</div><div>ACCEPTANCE: Origin</div></div><div><div>Deliveries or Performance</div><div>FOB POINT: Destination</div><div>SHIP TO:</div><div>(W22PVJ) XU BLUE GRASS ARMY DEPOT</div><div>BLUE GRASS ARMY DEPOT</div><div>431 BATTLEFIELD MEMORIAL HIGHWAY</div><div>RICHMOND,KY,40475-5070</div></div></div></div>				
0024	<div><div><div><div><div><div>PRODUCTION ORDERING PERIOD 4</div></div></div></div><div>COMMODITY NAME: AUTHORIZED STOCKAGE LIST -ASL</div><div>CLIN CONTRACT TYPE:</div><div>Firm Fixed Price</div></div><div><div><div><div><div>Range Quantities</div></div></div><div><div><div><div>FROM</div><div>TO</div><div>UNIT PRICE</div></div><div><div>1</div><div>10</div><div>\$</div></div><div><div>11</div><div>20</div><div>\$</div></div><div><div>21</div><div>40</div><div>\$</div></div><div><div>41</div><div>68</div><div>\$</div></div></div></div></div><div>Contractor shall provide supplies and/or services in accordance with C.1.2.3.</div><div>(End of narrative C001)</div></div></div>	6 (E)	EA	See Range Pricing	\$

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT													
0025	<p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>  FOB POINT: Destination</p> <p>SHIP TO: (W22PVJ)    XU BLUE GRASS ARMY DEPOT               BLUE GRASS ARMY DEPOT               431 BATTLEFIELD MEMORIAL HIGHWAY               RICHMOND, KY, 40475-5070</p>	6 (E)	EA	See Range Pricing	\$ _____													
	<p><u>PRODUCTION ORDERING PERIOD 5</u></p> <p>COMMODITY NAME: AUTHORIZED STOCKAGE LIST -ASL CLIN CONTRACT TYPE: Firm Fixed Price</p> <table><tr><th colspan="3"><u>Range Quantities</u></th></tr><tr><th><u>FROM</u></th><th><u>TO</u></th><th><u>UNIT PRICE</u></th></tr><tr><td>1</td><td>10</td><td>\$</td></tr><tr><td>11</td><td>20</td><td>\$</td></tr><tr><td>21</td><td>40</td><td>\$</td></tr><tr><td>41</td><td>68</td><td>\$</td></tr></table> <p>Contractor shall provide supplies and/or services in accordance with C.1.2.3.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>  FOB POINT: Destination</p> <p>SHIP TO:</p>					<u>Range Quantities</u>			<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>	1	10	\$	11	20	\$	21
<u>Range Quantities</u>																		
<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>																
1	10	\$																
11	20	\$																
21	40	\$																
41	68	\$																

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT										
0031	(W22PVJ) XU BLUE GRASS ARMY DEPOT BLUE GRASS ARMY DEPOT 431 BATTLEFIELD MEMORIAL HIGHWAY RICHMOND,KY,40475-5070	33 (E)	EA	See Range Pricing	\$ _____										
	<p><u>PRODUCTION ORDERING PERIOD 1</u></p> <p>COMMODITY NAME: PRESCRIBED LOAD LIST (PLL) CLIN CONTRACT TYPE: Firm Fixed Price</p> <p><u>Range Quantities</u></p> <table><tr><td><u>FROM</u></td><td><u>TO</u></td><td><u>UNIT PRICE</u></td></tr><tr><td>1</td><td>15</td><td>\$</td></tr><tr><td>16</td><td>30</td><td>\$</td></tr><tr><td>31</td><td>60</td><td>\$</td></tr><tr><td>61</td><td>121</td><td>\$</td></tr></table> <p>The guaranteed minimum PLL quantity is 25 and the maximum total order quantity is 121.</p> <p>(End of narrative B001)</p> <p>Contractor shall provide supplies and/or services in accordance with C.1.2.4.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u> FOB POINT: Destination SHIP TO: (W22PVJ) XU BLUE GRASS ARMY DEPOT BLUE GRASS ARMY DEPOT 431 BATTLEFIELD MEMORIAL HIGHWAY RICHMOND,KY,40475-5070</p>					<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>	1	15	\$	16	30	\$	31
<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>													
1	15	\$													
16	30	\$													
31	60	\$													
61	121	\$													
0032	<p><u>PRODUCTION ORDERING PERIOD 2</u></p>	33 (E)	EA	See Range Pricing	\$ _____										

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT															
	<p>COMMODITY NAME: PRESCRIBED LOAD LIST (PLL) CLIN CONTRACT TYPE: Firm Fixed Price</p> <p><u>Range Quantities</u></p> <table><tr><th>FROM</th><th>TO</th><th>UNIT PRICE</th></tr><tr><td>1</td><td>15</td><td>\$</td></tr><tr><td>16</td><td>30</td><td>\$</td></tr><tr><td>31</td><td>60</td><td>\$</td></tr><tr><td>61</td><td>121</td><td>\$</td></tr></table> <p>Contractor shall provide supplies and/or services in accordance with C.1.2.4.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u> FOB POINT: Destination</p> <p>SHIP TO: (W22PVJ)    XU BLUE GRASS ARMY DEPOT               BLUE GRASS ARMY DEPOT               431 BATTLEFIELD MEMORIAL HIGHWAY               RICHMOND,KY,40475-5070</p>	FROM	TO	UNIT PRICE	1	15	\$	16	30	\$	31	60	\$	61	121	\$				
FROM	TO	UNIT PRICE																		
1	15	\$																		
16	30	\$																		
31	60	\$																		
61	121	\$																		
0033	<p><u>PRODUCTION ORDERING PERIOD 3</u></p> <p>COMMODITY NAME: PRESCRIBED LOAD LIST (PLL) CLIN CONTRACT TYPE: Firm Fixed Price</p> <p><u>Range Quantities</u></p> <table><tr><th>FROM</th><th>TO</th><th>UNIT PRICE</th></tr><tr><td>1</td><td>15</td><td>\$</td></tr><tr><td>16</td><td>30</td><td>\$</td></tr><tr><td>31</td><td>60</td><td>\$</td></tr><tr><td>61</td><td>121</td><td>\$</td></tr></table> <p>Contractor shall provide supplies and/or services in accordance with C.1.2.4.</p>	FROM	TO	UNIT PRICE	1	15	\$	16	30	\$	31	60	\$	61	121	\$	33    (E)	EA	See Range Pricing	\$ _____
FROM	TO	UNIT PRICE																		
1	15	\$																		
16	30	\$																		
31	60	\$																		
61	121	\$																		

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT															
0034	(End of narrative C001)																			
	<u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A																			
	<u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin																			
	<u>Deliveries or Performance</u>  FOB POINT: Destination  SHIP TO: (W22PVJ)    XU BLUE GRASS ARMY DEPOT BLUE GRASS ARMY DEPOT 431 BATTLEFIELD MEMORIAL HIGHWAY RICHMOND,KY,40475-5070																			
	<u>PRODUCTION ORDERING PERIOD 4</u>	11    (E)	EA	See Range Pricing	\$ _____															
	COMMODITY NAME: PRESCRIBED LOAD LIST (PLL) CLIN CONTRACT TYPE: Firm Fixed Price																			
	<u>Range Quantities</u> <table><tr><td><u>FROM</u></td><td><u>TO</u></td><td><u>UNIT PRICE</u></td></tr><tr><td>1</td><td>15</td><td>\$</td></tr><tr><td>16</td><td>30</td><td>\$</td></tr><tr><td>31</td><td>60</td><td>\$</td></tr><tr><td>61</td><td>121</td><td>\$</td></tr></table>	<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>	1	15	\$	16	30	\$	31	60	\$	61	121	\$				
	<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>																	
	1	15	\$																	
	16	30	\$																	
31	60	\$																		
61	121	\$																		
Contractor shall provide supplies and/or services in accordance with C.1.2.4.																				
(End of narrative C001)																				
<u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A																				
<u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin																				

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT										
0035	<u>Deliveries or Performance</u>  FOB POINT: Destination  SHIP TO: (W22PVJ)   XU BLUE GRASS ARMY DEPOT BLUE GRASS ARMY DEPOT 431 BATTLEFIELD MEMORIAL HIGHWAY RICHMOND,KY,40475-5070	11   (E)	EA	See Range Pricing	\$ _____										
	<u>PRODUCTION ORDERING PERIOD 5</u>  COMMODITY NAME: PRESCRIBED LOAD LIST (PLL) CLIN CONTRACT TYPE: Firm Fixed Price  <u>Range Quantities</u> <table><tr><td><u>FROM</u></td><td><u>TO</u></td><td><u>UNIT PRICE</u></td></tr><tr><td>1</td><td>15</td><td>\$</td></tr><tr><td>16</td><td>30</td><td>\$</td></tr><tr><td>31</td><td>60</td><td>\$</td></tr><tr><td>61</td><td>121</td><td>\$</td></tr></table> Contractor shall provide supplies and/or services in accordance with C.1.2.4.  (End of narrative C001)  <u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A  <u>Inspection and Acceptance</u> INSPECTION: Origin       ACCEPTANCE: Origin  <u>Deliveries or Performance</u>  FOB POINT: Destination  SHIP TO: (W22PVJ)   XU BLUE GRASS ARMY DEPOT BLUE GRASS ARMY DEPOT 431 BATTLEFIELD MEMORIAL HIGHWAY RICHMOND,KY,40475-5070					<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>	1	15	\$	16	30	\$	31
<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>													
1	15	\$													
16	30	\$													
31	60	\$													
61	121	\$													
0041	<u>PRODUCTION ORDERING PERIOD 1</u>	110 (E)	EA	See Range Pricing	\$ _____										

**Name of Offeror or Contractor:**

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT															
0042	COMMODITY NAME: BASIC ISSUE ITEMS (BII) CLIN CONTRACT TYPE: Firm Fixed Price  <div>Range Quantities</div> <table><tr><th>FROM</th><th>TO</th><th>UNIT PRICE</th></tr><tr><td>1</td><td>50</td><td>\$</td></tr><tr><td>51</td><td>150</td><td>\$</td></tr><tr><td>151</td><td>250</td><td>\$</td></tr><tr><td>251</td><td>370</td><td>\$</td></tr></table> The guaranteed minimum BII quantity is 40 and the maximum total order quantity is 370.  (End of narrative B001)  Contractor shall provide supplies and/or services in accordance with C.1.2.2.  (End of narrative C001)  <u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A  <u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin  <u>Deliveries or Performance</u>  FOB POINT: Destination  SHIP TO: (W22PVJ)    XU BLUE GRASS ARMY DEPOT BLUE GRASS ARMY DEPOT 431 BATTLEFIELD MEMORIAL HIGHWAY RICHMOND,KY,40475-5070	FROM	TO	UNIT PRICE	1	50	\$	51	150	\$	151	250	\$	251	370	\$	110 (E)	EA	See Range Pricing	\$ _____
	FROM	TO	UNIT PRICE																	
	1	50	\$																	
	51	150	\$																	
	151	250	\$																	
	251	370	\$																	
	<u>PRODUCTION ORDERING PERIOD 2</u>  COMMODITY NAME: BASIC ISSUE ITEMS (BII) CLIN CONTRACT TYPE: Firm Fixed Price  <div>Range Quantities</div> <table><tr><th>FROM</th><th>TO</th><th>UNIT PRICE</th></tr><tr><td>1</td><td>50</td><td>\$</td></tr><tr><td>51</td><td>150</td><td>\$</td></tr></table>	FROM	TO	UNIT PRICE	1	50	\$	51	150	\$										
	FROM	TO	UNIT PRICE																	
	1	50	\$																	
	51	150	\$																	

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT															
	<div>151250\$</div> <div>251370\$</div> <div>Contractor shall provide supplies and/or services in accordance with C.1.2.2.</div> <div>(End of narrative C001)</div> <div>Packaging and Marking</div> <div>PACKAGING/PACKING/SPECIFICATIONS:</div> <div>SEE SECTION D</div> <div>LEVEL PRESERVATION: Commercial</div> <div>LEVEL PACKING: A</div> <div>Inspection and Acceptance</div> <div>INSPECTION: OriginACCEPTANCE: Origin</div> <div>Deliveries or Performance</div> <div>FOB POINT: Destination</div> <div>SHIP TO:</div> <div>(W22PVJ)XU BLUE GRASS ARMY DEPOT</div> <div>BLUE GRASS ARMY DEPOT</div> <div>431 BATTLEFIELD MEMORIAL HIGHWAY</div> <div>RICHMOND,KY,40475-5070</div>																			
0043	<div>PRODUCTION ORDERING PERIOD 3</div> <div>COMMODITY NAME: BASIC ISSUE ITEMS (BII)</div> <div>CLIN CONTRACT TYPE:</div> <div>Firm Fixed Price</div> <div>Range Quantities</div> <div><table><tr><th>FROM</th><th>TO</th><th>UNIT PRICE</th></tr><tr><td>1</td><td>50</td><td>\$</td></tr><tr><td>51</td><td>150</td><td>\$</td></tr><tr><td>151</td><td>250</td><td>\$</td></tr><tr><td>251</td><td>370</td><td>\$</td></tr></table></div> <div>Contractor shall provide supplies and/or services in accordance with C.1.2.2.</div> <div>(End of narrative C001)</div> <div>Packaging and Marking</div> <div>PACKAGING/PACKING/SPECIFICATIONS:</div> <div>SEE SECTION D</div> <div>LEVEL PRESERVATION: Commercial</div> <div>LEVEL PACKING: A</div>	FROM	TO	UNIT PRICE	1	50	\$	51	150	\$	151	250	\$	251	370	\$	110 (E)	EA	See Range Pricing	\$_____
FROM	TO	UNIT PRICE																		
1	50	\$																		
51	150	\$																		
151	250	\$																		
251	370	\$																		

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT										
0044	<div><div><u>Inspection and Acceptance</u></div><div>INSPECTION: Origin      ACCEPTANCE: Origin</div><div><u>Deliveries or Performance</u></div><div>FOB POINT: Destination</div><div>SHIP TO: (W22PVJ)    XU BLUE GRASS ARMY DEPOT               BLUE GRASS ARMY DEPOT               431 BATTLEFIELD MEMORIAL HIGHWAY               RICHMOND,KY,40475-5070</div></div>	20    (E)	EA	See Range Pricing	\$ _____										
	<div><div><u>PRODUCTION ORDERING PERIOD 4</u></div><div>COMMODITY NAME: BASIC ISSUE ITEMS (BII) CLIN CONTRACT TYPE:     Firm Fixed Price</div><div><div><u>Range Quantities</u></div><table><tr><th>FROM</th><th>TO</th><th>UNIT PRICE</th></tr><tr><td>1</td><td>50</td><td>\$</td></tr><tr><td>51</td><td>150</td><td>\$</td></tr><tr><td>151</td><td>250</td><td>\$</td></tr><tr><td>251</td><td>370</td><td>\$</td></tr></table><div>Contractor shall provide supplies and/or services in accordance with C.1.2.2.</div><div>(End of narrative C001)</div><div><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS:     SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A</div><div><u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin</div><div><u>Deliveries or Performance</u></div><div>FOB POINT: Destination</div><div>SHIP TO: (W22PVJ)    XU BLUE GRASS ARMY DEPOT               BLUE GRASS ARMY DEPOT               431 BATTLEFIELD MEMORIAL HIGHWAY               RICHMOND,KY,40475-5070</div></div></div>					FROM	TO	UNIT PRICE	1	50	\$	51	150	\$	151
FROM	TO	UNIT PRICE													
1	50	\$													
51	150	\$													
151	250	\$													
251	370	\$													

CONTINUATION SHEET	Reference No. of Document Being Continued W56HZV-16-R-0007 PIIN/SIIN MOD/AMD	Page 21 of 99
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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT															
0045	<p><u>PRODUCTION ORDERING PERIOD 5</u></p> <p>COMMODITY NAME: BASIC ISSUE ITEMS (BII) CLIN CONTRACT TYPE: Firm Fixed Price</p> <p><u>Range Quantities</u></p> <table><tr><td><u>FROM</u></td><td><u>TO</u></td><td><u>UNIT PRICE</u></td></tr><tr><td>1</td><td>50</td><td>\$</td></tr><tr><td>51</td><td>150</td><td>\$</td></tr><tr><td>151</td><td>250</td><td>\$</td></tr><tr><td>251</td><td>370</td><td>\$</td></tr></table> <p>Contractor shall provide supplies and/or services in accordance with C.1.2.2.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A</p> <p><u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u> FOB POINT: Destination</p> <p>SHIP TO: (W22PVJ)    XU BLUE GRASS ARMY DEPOT               BLUE GRASS ARMY DEPOT               431 BATTLEFIELD MEMORIAL HIGHWAY               RICHMOND,KY,40475-5070</p>	<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>	1	50	\$	51	150	\$	151	250	\$	251	370	\$	20 (E)	EA	See Range Pricing	\$_____
<u>FROM</u>	<u>TO</u>	<u>UNIT PRICE</u>																		
1	50	\$																		
51	150	\$																		
151	250	\$																		
251	370	\$																		
0050	<p><u>FIRST ARTICLE TEST</u></p> <p>NSN: TBD--- COMMODITY NAME: EHP ROLLER SYSTEM CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>The guaranteed minimum FAT quantity is 1 and the maximum total order quantity is 5.</p> <p>(End of narrative B001)</p>	5 (E)	EA	\$_____	\$_____															

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p>Contractor shall provide supplies and/or services in accordance with C.6.13.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: Commercial</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination Government Approval/Disapproval Days: 190</p> <p><u>Deliveries or Performance</u> FOB POINT: Destination</p> <p>SHIP TO: (W905MY) XU W6X6 USALRCTR YUMA PROVI BLDG 2710 SANCHEZ STREET TRANS MOVEMENT DIVISION YUMA,AZ,85365-9498</p>				
0060	<p><u>SYSTEM SUPPORT PACKAGE</u></p> <p>COMMODITY NAME: EHP ROLLER SYSTEM CLIN CONTRACT TYPE: Firm Fixed Price</p> <p>The guaranteed minimum SSP quantity is 1 and the maximum total order quantity is 5.</p> <p>(End of narrative B001)</p> <p>Contractor shall provide supplies and/or services in accordance with C.1.2.1.</p> <p>(End of narrative C001)</p> <p><u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE SECTION D LEVEL PRESERVATION: Commercial LEVEL PACKING: A</p>	5 (E)	EA	\$ _____	\$ _____

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<u>Inspection and Acceptance</u> INSPECTION: Destination      ACCEPTANCE: Destination  <u>Deliveries or Performance</u>  FOB POINT: Destination  SHIP TO: (W905MY)    XU W6X6 USALRCTR YUMA PROVI BLDG 2710 SANCHEZ STREET TRANS MOVEMENT DIVISION YUMA,AZ,85365-9498				
0070	<u>DATA ITEMS</u>  The contractor shall provide data deliverables in accordance with C.3. Data is not separately priced (NSP).  (End of narrative A001)				
A001	<u>DATA ITEM</u>  SERVICE REQUESTED: MEETING AGENDA  <u>Deliveries or Performance</u>				\$ ** NSP **
A002	<u>DATA ITEM</u>  SERVICE REQUESTED: MEETING MINUTES  <u>Deliveries or Performance</u>				\$ ** NSP **
A003	<u>DATA ITEM</u>  SERVICE REQUESTED: INTERNAL ORGANIZATIONAL LIST  <u>Deliveries or Performance</u>				\$ ** NSP **

**Name of Offeror or Contractor:**

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A004	<u>DATA ITEM</u>  SERVICE REQUESTED: INTEGRATED MASTER SCHEDULE  <u>Deliveries or Performance</u>				\$ ** NSP **
A005	<u>DATA ITEM</u>  SERVICE REQUESTED: CONTRACTOR PERFORMANCE REPORT  <u>Deliveries or Performance</u>				\$ ** NSP **
A006	<u>DATA ITEM</u>  SERVICE REQUESTED: PRODUCTION STATUS REPORT  <u>Deliveries or Performance</u>				\$ ** NSP **
A007	<u>DATA ITEM</u>  SERVICE REQUESTED: WORK INSTRUCTIONS  <u>Deliveries or Performance</u>				\$ ** NSP **
A008	<u>DATA ITEM</u>  SERVICE REQUESTED: FINAL INSPECTION RECORD  <u>Deliveries or Performance</u>				\$ ** NSP **
A009	<u>DATA ITEM</u>				\$ ** NSP **

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A010	SERVICE REQUESTED: BUILD BOOK				
	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
A011	SERVICE REQUESTED: FIRST PROD ASSET INSP PLAN				
	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
A012	SERVICE REQUESTED: FIRST PROD ASSET INSP REPORT				
	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
A013	SERVICE REQUESTED: TECHNICAL ASSET REFURB REPORT				
	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
A014	SERVICE REQUESTED: CORRECTIVE ACTION REPORT				
	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
A014	SERVICE REQUESTED: PROD QLTY DEFICIENCY REPORT				

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A015	<u>Deliveries or Performance</u>				
	DATA ITEM				\$ ** NSP **
	SERVICE REQUESTED: REQUEST FOR VARIANCE				
A016	<u>Deliveries or Performance</u>				
	DATA ITEM				\$ ** NSP **
	SERVICE REQUESTED: ENGINEERING CHANGE PROPOSAL				
A017	<u>Deliveries or Performance</u>				
	DATA ITEM				\$ ** NSP **
	SERVICE REQUESTED: WARRANTIES LIST				
A018	<u>Deliveries or Performance</u>				
	DATA ITEM				\$ ** NSP **
	SERVICE REQUESTED: WARRANTY PERFORMANCE REPORT				
A019	<u>Deliveries or Performance</u>				
	DATA ITEM				\$ ** NSP **
	SERVICE REQUESTED: IUID MARKING LIST				

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A020	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
	SERVICE REQUESTED: IUID MARKING ACTIVITY REPORT				
A021	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
	SERVICE REQUESTED: DMSMS PLAN				
A022	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
	SERVICE REQUESTED: CORROSION CONTROL PLAN				
A023	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
	SERVICE REQUESTED: INVENTORY REPORT				
A024	<u>Deliveries or Performance</u>				
	<u>DATA ITEM</u>				\$ ** NSP **
	SERVICE REQUESTED: SAFETY ASSESSMENT REPORT				
	<u>Deliveries or Performance</u>				

**Name of Offeror or Contractor:**

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
A025	<p><u>DATA ITEM</u></p> <p>SERVICE REQUESTED: WELDING PROCEDURES</p> <p><u>Deliveries or Performance</u></p>				<p>\$_____ ** NSP **</p>

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C-1 TECHNICAL DATA PACKAGE (TDP) INFORMATION

The TDP for this solicitation is a solicitation attachment residing within FedBizOpps (<https://www.fbo.gov> ).

To access the data through FBO:

- a. Log on to the FBO web site.
- b. Enter 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-Withholding of Unclassified Technical Data from Public Disclosure. 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). Currently certified contractors should enter the MPIN which will be verified before proceeding to the next step. To obtain certification, go to <http://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 access to 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 to grant a contractor access. FBO will subsequently automatically generate an email stating when the requesting contractor has permission to view or download TDP items. Allow two (2) to three (3) working days to complete this FBO-TDP access/approval process through the FBO system.
- f. If multiple individuals in the contractors organization 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 <https://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 contractors submit the explicit access request and provide the buyer with the completed Attachment 0001-EHP Roller Production Non-Disclosure Agreement at the same time as the solicitation requires both to gain access to view the TDP.
- h. A user guide for FBO can be found at <https://www.fbo.gov> - on the right is User Guides - click on Vendor

[End of clause]

C-2 USE AND NON-DISCLOSURE AGREEMENT REQUIRMENT

- (a) The Government requires a Use and Non-Disclosure Agreement (NDA) to be signed by an authorized representative of the offeror before the offeror is granted access to the technical data. The appropriate Agreement is available as an attachment to this solicitation, see Section J List of Attachments.

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(b) Follow the instructions on the Agreement, and email it to the buyer at winslow.t.morrow.civ@mail.mil. The buyer will notify the FBO administrator upon receiving the NDA. The administrator will grant approval to view/download the TDP. An email stating approval has been granted will be sent to the vendor. It can take up to 24 hours after approval before the TDP is viewable. Any questions or problems viewing the TDP, contact the contract specialist listed on the face page of the solicitation/contract.

[End of Clause]

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

- C.1 STATEMENT OF WORK
- C.2 APPLICABLE DOCUMENTS
- C.3 DATA
- C.4 MEETINGS AND REVIEWS
- C.5 PROGRAM MANAGEMENT
- C.6 QUALITY ASSURANCE MANAGEMENT
- C.7 CONFIGURATION MANAGEMENT
- C.8 ITEM UNIQUE IDENTIFICATION DESCRIPTOR (IUID)
- C.9 DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES (DMSMS)
- C.10 CORROSION CONTROL
- C.11 SYSTEM SAFETY AND HEALTH HAZARDS
- C.12 ENVIRONMENTAL
- C.13 UNCLASSIFIED//FOR OFFICIAL USE ONLY (U//FOUO) DESIGNATION

C.1 STATEMENT OF WORK

C.1.1 Background. Product Manager, Mine Resistant Ambush Protection Vehicle Systems (PdM MRAP VS) has a requirement for the Explosive Hazard Pre-detonation (EHP) Roller. The EHP Roller is a full width explosive hazard roller capability that consists of two bank assemblies, each having six wheel stations and two wire neutralization blade stations. The EHP capabilities of the roller will counter the full spectrum of conventional and asymmetric explosive hazards, including surface-laid, buried and concealed landmines, Improvised Explosive Devices (IEDs), unexploded ordnance, battlefield munitions, as well as associated trigger mechanisms.

C.1.2 End Items. The EHP Roller is to be procured via a Firm-Fixed-Price, Indefinite Delivery Indefinite Quantity (IDIQ) Contract. The contractor shall deliver EHP Rollers that meet all the technical requirements of the Level III Technical Data Package In Accordance With (IAW) Attachment 0002 - EHP Roller Production TDP. This Statement of Work (SOW) defines contractor managerial and technical tasks required for the EHP Roller production, First Article Test (FAT), and delivery. For purposes of this Statement of Work, in accordance with MIL-STD 31000, the Level III Technical Data Package is the Production Level Technical Data Package.

C.1.2.1. System Support Package (SSP). The contractor shall deliver the SSP with the items listed in Attachment 0003 EHP Roller Production System Support Package. The contractor shall deliver the SSP IAW an awarded delivery order.

C.1.2.2. Basic Issue Item (BII). The contractor shall deliver the BII that includes the items listed on Attachment 0004 EHP Roller Production Basic Issue Item. The contractor shall deliver the BII IAW an awarded delivery order.

C.1.2.3. Authorized Stockage List (ASL). The contractor shall deliver the ASL that includes the items listed on Attachment 0005 EHP Roller Production Authorized Stockage List. The contractor shall deliver the ASL IAW an awarded delivery order.

C.1.2.4. Prescribed Load List (PLL). The contractor shall deliver the PLL that includes the items listed on Attachment 0006 EHP Roller Production Prescribed Load List. The contract PLL minimum is 25 and the contract PLL maximum is 121. The contractor shall deliver the PLL IAW an awarded delivery order.

C.1.3 The Government may purchase miscellaneous parts on an as needed basis. If these parts are required, the PCO will request a proposal, a price will be negotiated and an award will be made on a Delivery Order.

C.2 APPLICABLE DOCUMENTS

C.2.1 The following documents form a part of the SOW to the extent specified. Additional applicable standards can be found in the Attachment 0002 - EHP Roller TDP. While every effort has been made to ensure the completeness of these lists, document users are cautioned that they must also meet all the specified requirements. 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

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<http://www.tradoc.army.mil/tpubs/regndx.htm> .

Document applicability shall be in accordance with specific Section C or each Contract Data Requirements List (CDRL).

#### C.2.1.1 Department of Defense Specifications.

The contractor shall use this guidance in performing the Contract Data Requirements List (CDRLS)-reference Exhibit A in Section J-List of Attachments.

#### C.2.1.2. Department of Defense Standards/Handbooks (as applicable).

The contractor may use these documents in performing this contract.

Document Number	Title	
MIL-STD 129P(4)	Military Marking for Shipment and Storage	
MIL-STD-130N (1)	Identification Marking of U.S. Military Property	
MIL-STD-2073-1E(1)	Standard Practice for Military Packaging	
MIL-HDBK-29612-2B	Training Data Products	
MIL-PRF-63002L	Requirements for Preparation of Modification Work Orders	
MIL-STD-1366E	Interface Standard for Transportability Criteria	
MIL-STD-882E	DoD Standard Practice for System Safety	
MIL-DTL-53072	Chemical Agent Resistant Coating (CARC) System Application Procedures	and Quality
Control Inspection		

#### C.2.1.3. Additional Government Publications (as applicable).

The contractor may use these documents in performing this contract.

Document Number	Title	
DA PAM 700-60	Department of the Army SKO	
DA PAM 700-21	TMDE Register Index	
ASTM D4169	Standard Practice for Performing Testing of Shipping Containers	
CFR 29, 40, 49	Code of Federal Regulations	
TB 750-93-1	Functional Group Codes (FGC) Technical Bulletin	
AR 750-1	Army Material Maintenance Policy	
AR 700-82	Joint Regulation SMR Codes	
AR 700-127	Integrated Product Support	
DA PAM 750-1	Commanders Handbook	
DA PAM 750-8	The Army Maintenance Management Systems (TAMMS) Technical Bulletin	
ISO 9001:2008	International Standards Organization (ISO)	
ISO/IEC 16022	International Standards Organization/International Electro technical Commission (ISO/IEC) 16022	
ISO/IEC 15415	International Standards Organization/International Electro technical Commission (ISO/IEC) 15415	
TM 43-0139	Painting Instructions for Army Materiel	
FED-STD-595	Colors Used in Government Procurement	
CPC Spiral 4	Corrosion Prevention and Control Planning Guidebook Spiral 4	
DoDI 5230.24	Distribution Statements on Technical Documents	
DA Dorm 2404	Equipment Inspection and Maintenance Worksheet	

Note: For all Department of Defense Specifications, the contractor shall use the most recent version in the performance of this contract.

#### C.2.1.4 Definitions.

#### C.2.1.5 The definitions of Form, Fit, and Function are:

a. Form: A given item measures the same major dimensions as the item it replaces (interchangeable, substitutable). A complex item may include sub-components that are of different materials than the replaced component(s), but deviations from the replaced component(s) shall not affect fit or function.

b. Fit: A given item integrates onto, into, or attaches to the equipment exactly as the item it replaces. There is no difference in mounting, interface, or operation between the replaced and replacing parts and no modifications are required for integration and installation.

c. Function: A given item operates exactly as the item it replaces, with no functional difference between the current item and the item

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replacing it. As appropriate, the replacing item may be inspected, replaced, repaired and otherwise maintained in exactly the same method as the item it replaces.

C.2.1.6 The definitions of Class I and Class II Engineering Change Proposals (ECPs):

a. Class I ECPs: An ECP that affects the form, fit or function of an approved configuration baseline and its associated technical documentation, and changes affecting the safety, logistics support, cost, warranties and the contract.

b. Class II ECPs: An ECP that has no effect on any of the factors listed above for the Class I ECP definition.

C.3 DATA

C.3.1 Data Requirements. The contractor is responsible for meeting all of the requirements defined in this contract and within each Delivery Order (DO) throughout the life of the contract and each DOs delivery schedule. The contractor shall furnish all services, materials, and the equipment required for execution of this contract and the DOs. The contractor shall deliver all data in English IAW the requirements established in the CDRLs located in Exhibit A, located in Section J.

C.3.2 The contractor shall validate all documentation prior to delivering it to the Government. Government receipt of data deliverables does NOT constitute acceptance. Government acceptance of data deliverables is dependent upon the completeness, accuracy, compatibility of submitted documentation, and the applicable military standards and specifications. The Procuring Contracting Officer (PCO) will provide notification of acceptance.

C.3.3 Electronic Deliveries: This contract will be supported using this website:  
<https://safe.arl.army.mil/> .

The contractor shall use this site for electronic deliverable(s) and information exchange. If there are technical difficulties, the contractor shall request direction from the Government point of contact on the respective CDRL for a recommended delivery method.

The contractor shall name all electronic submissions in the following manner:

a. Contract CDRL Number Subtitle of CDRL + Submission Number Submission Item Name Date of Submission, defined as follows:  
Contract: The last seven alphanumeric characters of the contract number

b. CDRL Number: Shall appear exactly as it appears on the CDRL

c. Subtitle of CDRL: Shall appear exactly as it appears on the CDRL

d. Submission Number: A four to five digit alphanumeric code indicating submission/resubmission number. An S indicates a first-time submission; an RS indicates a Resubmission. The submission number shall be three digits long (i.e., 001, 010); the resubmission number shall be the same three digits with an extension corresponding to the resubmission number (i.e., 001.1, 010.1, and 001.2).

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

C.3.4 CD-ROM/DVD Deliveries. If CDRL data is submitted on CD-ROM/DVD, the contractor shall annotate it with the following markings:

1. Contract number:
2. Contract Reference
3. CDRL Number and Item:
4. Title/Subtitle of CDRL:
5. Submission Number:
6. Submission Item Name:
7. Date of Submission:
8. Delivery Type (Draft, Final):
9. Unclassified / FOUO:
10. Distribution Statement <insert distribution statement identifier>

Date of Submission: The contractor shall mark it as DDMonthYYYY (the month shall be spelled out alphabetically)  
Example: 13D0013 A0003 Critical Task List S001 Draft CTL 09May2013  
Example: 13D0013 A0019 Special Packaging Instructions (SPI) RS003 Draft Transfer Case Revision 09May2013

C.3.4 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, and receive approval from, the PCO of any request for data from any

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other agency or entity. Prior to public release, all data (to include assembly instructions, photographs, technical manuals, etc.) must undergo Government review and receive PCO approval (see C.3.5.2). Distribution statement information can be found at: [http://dtic.mil/dtic/pdf/distribution\\_statements\\_and\\_reasons.pdf](http://dtic.mil/dtic/pdf/distribution_statements_and_reasons.pdf) .

C.3.4.1 Common Access Card (CAC). The Common Access Card, also commonly referred to as the CAC or CAC card, is a smart card about the size of a credit card. The CAC also satisfies the requirements for digital signature and data encryption technologies: authentication, integrity and non-repudiation. If required, the contractor shall contact the Government to obtain a CAC card.

C.3.5 Distribution Statements. The Government will reference DoDI 5230.24- Distribution Statements on Technical Documents to determine the appropriate Distribution Statement that the contractor shall place on documentation created under this effort. For any distribution statement, other than A, the controlling DoD Office is AMSTA-LCC-MA, Program Name, 6501 E. 11 Mile, Warren, MI 48397-5000. The appropriate Distribution Statements are identified within each CDRL.

C.3.5.1 All references to days in this Scope of Work shall mean calendar days, unless otherwise noted.

C.3.5.2 Program Approval/Authority. Only the Government PCO is authorized to modify or change the terms and conditions of this contract and the individual DOs, prior to implementation. The contractor shall immediately notify the PCO if guidance is provided by any other Government representative. The contractor shall include the Government Contract Specialist on all email submittals to the PCO for documentation and tracking purposes.

C.3.5.3 Facilities and Data Access. The contractor shall provide Government personnel with in-plant access to hardware and all technical data in support of this effort. When meetings are held at the contractor's facility, the contractor shall make the following available for the Government's use: (1) Required technical, logistics or other documentation (including drawings, computer data bases, publications, and other required data); (2) Computer resources, as required; (3) Access to Internet, via a wireless connection; and (4) Access to an EHP Roller.

**C.4 MEETINGS AND MEETING DELIVERABLES**

C.4.1 Meeting Agendas and Meeting Minutes. The contractor and Government will have meetings and reviews throughout the life of this contract. Meetings are used to review progress and provide guidance on technical, contractual or other issues that arise during contract performance. For all meetings and reviews, and audits. The contractor shall develop an agenda and coordinate it with the Government no later than three calendar days prior to each meeting IAW CDRL A001 - Meeting Agenda. When meetings are at the contractor's facility, the contractor will ensure the following are available for the Government's use: required technical, logistics, or other documentation (including drawings, computer data bases, publications, and other data); and computer resources and a working area. The contractor shall submit minutes of each meeting or review and deliver in accordance with CDRL A002 - Meeting Minutes.

C.4.2 Internal Organization List. The contractor shall provide an internal list of all functional contractor personnel involved in this contract in accordance with CDRL A003 - Internal Organization List. The contractor shall update this list within five days of a change to maintain accuracy.

C.4.3 Integrated Master Schedule (IMS). The contractor shall develop an IMS for the EHP Roller Production Assets and scheduled events required in accordance with (IAW) CDRL A004 - Integrated Master Schedule (IMS). The contractor shall maintain the IMS for the life of the contract and throughout DO schedules. The contractor shall immediately notify the Government if it foresees a schedule change. This 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 contractor shall send the proposed changes in a formal letter and email it to the PCO. The Government will review any contractor proposed IMS change submitted IAW CDRL A004-Integrated Master Schedule. The contractor must receive approval prior to incorporating any change. If any contractor changes create delays or impacts to the Governments program plans, the Government may request consideration or an equitable adjustment to the contract IAW Federal Acquisition Regulation (FAR) Part 43.204- Change Orders-Administration.

C.4.4 Start-of-Work (SOW) Meeting. The contractor shall schedule and conduct a Start of Work Meeting within 20 days of base contract award. The contractor shall facilitate this SOW meeting at the contractors facility. For planning purposes, this meeting may last up to two days and will focus on reviewing the following:

- a. Contract terms and conditions
- b. Data requirements
- c. Required specifications
- d. Test requirements and schedules, including the IMS
- e. Program Schedule to include all Engineering, program events and data deliverables

C.4.5 Contract Status Reviews (CSRs). The contractor shall coordinate with the Government to conduct a CSR on a quarterly (every three months) basis via teleconference or videoconference. The purpose of this meeting is to review status and progress of current deliverables performed between each CSR. The contractor shall contribute information and provide CDRL status relative to the IMS. The contractor shall present the current version of the IMS, identify potential risk areas, and define risk mitigation strategies. The

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contractor shall present its performance report quarterly IAW CDRL A005 - Contractor Performance Report. There will be detailed discussion covering schedule, program status, CDRL status, plans for upcoming meetings, potential issues with access to Government systems, facility access, identification of any delays or issues with meeting any submission due dates, an overview of the program status and mitigation plans for any schedule slippage. Additionally, during this meeting the contractor and Government will evaluate the critical program events, and discuss recommendations to present to the decision authority.

C.4.6 In Process Review (IPRs) & Quality Assurance Management Meetings (QAMMs) (see C.6.5). The contractor shall coordinate with the Government to conduct one meeting on a quarterly (every three months) basis at the contractors facility for the IPR & QAMM. The purpose of this meeting is to discuss engineering and quality issues to reach consensus.

C.5 PROGRAM MANAGEMENT

C.5.1 Contractor Management

C.5.1.1 The contractor shall be responsible for meeting all of the defined requirements in this contract, each delivery order, and corresponding CDRL(S). The contractor shall provide a Production Status Report IAW CDRL A006-Production Status Report.

C.6 QUALITY ASSURANCE MANAGEMENT

C.6.1 Quality Management System. The contractor shall implement and maintain a Quality Management System that ensures the functional and physical conformity of all products and services furnished. The contractors Quality Management System shall provide defect prevention and process control to adequately ensure quality controls throughout all areas of performance; continuous process and quality improvement efforts are required. The contractor shall establish, implement, document, and maintain a Quality System that ensures conformance to FAR clause 52.246-11 - Higher-Level Contract Quality Requirement.

C.6.2 Quality Operation Plan. The contractor shall work with PdM MRAP VS Quality Assurance Manager to develop a Quality Control Plan. The contractor shall ensure that the EHP Roller leaves the production line and is delivered with consistent Quality standards IAW Attachment 0007 EHP Roller Production Quality Standards.

C.6.3 Work Instructions. The contractor shall create work instructions for Full Rate Production (FRP) using knowledge gained from the first article production. Work instructions are required to make sure the EHP Roller is built using a repeatable process to ensure uniformity in the build process and the end item. The contractor shall obtain approval from the PdM MRAP VS Quality Manager prior to implementing any changes. The contractor shall utilize these work instructions to build each EHP Roller. The contractor shall complete and deliver work instructions IAW CDRL A007 - Work Instructions and schedule the draft validation prior to First Production Asset Inspection (FPAI) (see C.6.9).

C.6.4 Final Inspection. The contractor shall perform 100% final inspection of the EHP Roller and the Government will witness it. The contractor shall provide the Assistant Product Manager (APM) a 30 day notice prior to the scheduled inspection. The Government will not accept assets until the contractor meets the following conditions:

1. All First Production Asset Inspection (FPAI) requirements (IAW Section C.6.9 through C.6.12) are successfully completed;
2. All equipment deficiencies are corrected to the satisfaction of the Contractors Quality Control and Quality Assurance Plans, policies, and procedures;
3. All non-conforming items are corrected;
4. The initial draft Final Inspection Record (FIR) is approved by the Government; and
5. The FIR is submitted for the test units in conjunction with FPAI.

The contractor shall submit the FIR IAW CDRL A008 - Final Inspection Record. The contractor shall ensure that the FIR captures all inspection points throughout the manufacturing process and documents any changes; all changes must be Government approved. The contractor shall record deficiencies disclosed during final inspection. The contractor shall identify all Item Unique Identification information in the FIR in accordance with DFARS clause 252.211-7003- Item Unique Identification and Valuation (see C.8 IUID Section).

C.6.5 Quality Assurance Management Meetings (QAMMs). The contractor shall coordinate with the Government to conduct QAMMs on a quarterly basis (every three months). It is planned that the QAMM will be held in conjunction with the In Process Review (IPR). Attendees (Government and contractor) should include, but not limited to, the Assistant Product Manager, Engineers, and Quality Personnel.

C.6.6 Coating. The contractor shall clean, pre-treat, prime, and top-coat the systems IAW the Attachment 0001 - EHP Roller Production TDP, MIL-DTL-53072F-Chemical Agent Resistant Coating (CARC) System Application and Quality Control Inspection and TM 43-0139-Painting Instructions for Army Material Manual, if not specified elsewhere. The contractor shall control coating processes so that applied pre-treatments, primers, paints (including top coats) meet the minimum dry film thickness, adhesion, and corrosion resistance requirements of MIL-DTL- 53072F- Chemical Agent Resistant Coating (CARC) System Application and Quality Control Inspection. The contractor shall not use hexavalent chromium containing products and processes; the contractor can use TT-C-490 Type IV and VIII as pretreatments in addition to TT-C-490 Type I as outlined in the TDP; no other paint systems or colors are authorized.

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C.6.7 Certification Requirements. The contractor shall prepare certifications for items identified in the Attachment 0001- EHP Roller Production TDP. Certifications may include all documentation, objective evidence, examinations and test results and will be complete and available for the Government for review at the time of the FPAI. The contractor shall provide the required certification information from the contractor, subcontractor and distributor. If the Government considers any certification unacceptable, the contractor shall conduct additional examinations, tests or provide additional documentation required to validate that certification at no cost to the Government. Acceptable certification information is identified in Section E of this contract.

C.6.7.1 Welding. At the Start of Work meeting, the contractor shall have welding procedures Weld Process Sheets (WPS) available at all welding facilities; these WPS must be tested and qualified IAW standards stated in C.2.1. The contractor shall weld ferrous armor and structural steel with yield strength greater than 80KSI to the welding standard appropriate for the thickness of the material. All weld procedures must be qualified to the provisions contained in AWS D.1.1, and documented in the Weld Process Sheet (WPS) format.

C.6.8 Build Book. The contractor shall generate and maintain a build book for each EHP Roller that is manufactured. The build book is a compilation of all documents that are used throughout the manufacturing and quality review process. The contractor shall deliver a build book with each EHP Roller; each Build Book shall contain, but is not limited to; the FIR, Inspection Check Offs, Authentication of Acceptability, Serial Numbers, and discrepancy identification. The build book shall also include corrective action record(s) if a fault is found during the build process. The contractor shall electronically submit the build book IAW CDRL A009 - Build Book. The Government may request a paper copy at no cost to the Government. The Contractor shall retain this information, electronically, for seven years after the final asset has been delivered.

C.6.9 First Production Asset Inspection (FPAI) Plan. The Contractor shall develop and submit the FPAI Plan IAW CDRL A010 - First Production Asset Inspection Plan. The plan shall consist of the following:

- a) Requirements and verification;
- b) Final Inspection Record (FIR);
- c) Build process(es) (or Build Books for each FPAI);
- d) Integration and assembly (in-process);
- e) Fabrication process(es) (to include paint process records, weld process records/weld process sheets/Non Destructive Testing (NDT) reports;
- f) Complete configuration changes;
- g) Build of Materials (BOM);
- h) Qualified Products List (QPL);
- i) Complete inspection and test data for the build (i.e., suppliers and subcontractors);
- j) specifications (subsystems, components and materials);
- k) certifications;
- l) product and installation drawings; and
- m) purchase orders.

The contractors records that relate to the build process shall be of professional quality, dated, and ready for Government review 30 days prior to the start of the FPAI.

C.6.10 First Production Asset Inspection. The Contractor shall conduct the FPAI at the manufacturing facility, and it will be witnessed by Government representative(s), including Defense Contract Management Agency (DCMA) personnel. The contractor shall notify the APM 30 calendar days prior to the scheduled inspection and submit the FPAI Plan IAW CDRL A010-First Production Asset Inspection Plan. The FPAI shall consist of verification of asset characteristic requirements IAW the approved FPAI Plan and Attachment 0001 - EHP Roller Production TDP. The Government and contractor will agree upon an FPAI date based on completed documentation and when the initial asset is ready for inspection. The FPAI may take up to one week to complete. The Government will examine the end item and its components, review descriptive documentation and certifications, compare characteristics to established criteria, and conduct functional and operational checks to of the end items. The contractor shall coordinate the event and provide the following information: date and time of the event; an area large enough to conduct the event; all on hand components accompanied by inspection records, drawings, and measuring tools; and display parts on tables. If defects/discrepancies/deficiencies are discovered, the FPAI will stop and the contractor shall correct them and reschedule the FPAI at no cost to the Government.

C.6.11 First Production Asset Inspection Report. At the completion of FPAI, the contractor shall submit a FPAI Report IAW CDRL A0011 - First Production Asset Inspection Report. The report shall detail the results of the FPAI and be substantiated by objective quality evidence. The written report shall define all deficiencies for the specific cause(s) and describe all long term corrective actions taken that eliminate the specific cause for the life of the affected items. If the FPAI is disapproved and additional inspections are required, the contractor shall continue to resubmit an inspection and test report until Government approval is received. The contractor shall be responsible for all costs related to additional FPAI inspections, tests, and resubmissions. If there is a non-production period in excess of 90 days, the contractor shall repeat a first production asset inspection.

C.6.12 Final Inspection Record and Acceptance. The contractor shall perform final inspection of each EHP Roller asset using the Final Inspection Record (FIR) (CDRL A008 - Final Inspection Record) along with the contractors Quality Control Program. The Government will not issue final acceptance of assets until all final inspection requirements have been successfully completed by the contractor and all equipment deficiencies and non-conforming items are corrected and approved by Government along with the contractors Quality Control

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Program. The contractor shall develop a FIR to capture all inspection points throughout the manufacturing process. The contractor shall revise, update, and electronically submit the EHP Roller FIR for production asset approval and acceptance IAW CDRL A008 - Final Inspection Record; changes to the FIR require PdM MRAP- VS approval. The contractor shall use the EHP Roller FIR to conduct final inspection for production asset acceptance and document deficiencies on the EHP Roller FIR Deficiency Sheet. The contractor shall conduct a root cause failure analysis(es) for all discovered deficiencies and implement root cause corrective actions to completely eliminate deficiencies, prior to offering EHP Roller assets for Government acceptance. The contractor shall confirm that all assets comply with condition code A as detailed in:

[http://www.dlms.dla.mil/eLibrary/Manuals/MILSTRAP/html/029\\_AP2.05\\_FederalConditionCodes\\_CH4.htm](http://www.dlms.dla.mil/eLibrary/Manuals/MILSTRAP/html/029_AP2.05_FederalConditionCodes_CH4.htm)

C.6.12.1 Final Acceptance: The cognizant DCMA Office will perform final acceptance, as delegated by the PCO.

C.6.13 First Article Test (FAT). The contractor shall produce five first articles prior to initiation of FAT; the Government will select three of these first articles for use in the FAT. The FAT process will be used to verify the manufacturing and quality control processes that are utilized by the contractor to produce EHP Rollers.

C.6.14 First Article Test First Production Asset Inspection (FPAI). The contractor shall conduct this initial part of the FAT at the manufacturing facility, and it will be witnessed by Government representative(s). The FPAI shall consist of asset characteristic verification requirements in accordance with Attachment 0002 - EHP Roller Production TDP. The contractor shall also operate the first articles through a complete function check. If defects and/or failures are discovered, the contractor shall determine the specific cause and correct them at no cost to the Government. The contractor records that relate to the build process shall be readily available for Government review prior to the start of the FPAI.

C.6.15 First Article Test Units. The contractor shall operate the first articles at its manufacturing facility prior to shipment to the Government test site(s) to ensure that each unit is test-ready. The contractor shall determine the specific cause of any defects and/or failures. If any defects and/or failures are discovered, the contractor shall correct them at no cost to the Government.

C.6.16 First Article Test Asset System Shipment. The Contractor shall obtain first article approval IAW Section E of this contract. The contractor shall not ship any test asset from its facility to the test site until a complete inspection has been performed by Government personnel; these inspectors may include DCMA quality personnel, the PdM MRAP VS Quality Assurance Manager and PdM MRAP VS personnel. If required, the contractor shall retest the asset.

C.6.17 Notification of First Article Test. The PCO will provide written notification to the contractor at least 45 days prior to the start of the FAT. This written notification will confirm the requested FAT Test Units and provide information in regard to serial number, location of the FAT, starting date, time and scheduled duration of the FAT. The contractor shall provide system support during the FAT IAW Section E of this contract. It is expected that FAT will be conducted at Yuma Proving Ground (YPG), AZ.

C.6.18 First Article Test (FAT) Conducting the Test. The Government will conduct the FAT with contractor-provided maintenance support. The FAT will include Physical Configuration Audit (PCA), Performance Testing, and Reliability, Availability, and Maintainability (RAM) Scoring (reliability testing).

a. Physical Configuration Audit. The Government will conduct a Physical Characterization of each selected Test Unit to verify conformance of each Test Unit to Attachment 0001 - EHP Roller Production TDP. Physical Characteristics to be measured may include, but are not limited to, Major and Minor dimensions of the first article and its subcomponents, weight, hose and cable routing and orientation, torque indicator on all fasteners.

b. Performance Test. The Government may conduct a performance test of each selected Test Unit to verify its conformance to Attachment 0002 - EHP Roller TDP.

c. Reliability, Availability, and Maintainability (RAM) Scoring. The Government will acquire RAM test data during the FAT. The Government will conduct a scoring conference at the completion of the test IAW Attachment 0008 EHP Roller Production Failure Definition and Scoring Criteria.

C.6.19 FAT Asset Failure. If there is a FAT asset failure, the Government will reject the FAT asset. Any defect found during, or as a result of the FAT, will be considered evidence that all produced assets are similarly deficient. The contractor shall repair all defects at no cost to the Government. The contractor shall provide objective evidence to the PdM MRAP VS Quality Assurance Manager, explaining the corrective action that has been taken to eliminate the defect.

C.6.20 FAT Asset Retest. If first article failures occur, the Government may choose to retest the same asset or another asset; the retest will occur after the contractor corrects the defects. If another asset is selected, the contractor shall be responsible for all deficiencies detected, regardless of relationship to the original test failure, and the contractor shall comply with the FAT requirements. The contractor is responsible for delays in the program test period resulting from asset defects or failure to adequately furnish parts support (within 24 hours on a scheduled test day); the Government may extend the specified program test period accordingly due to the contractor induced delay. The Government may require consideration for any delivery schedule extension and contract price equitable adjustment for any additional costs to the Government related to contractor-induced delays.

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C.6.21 FAT Test Asset Refurbishment. After the FAT completion, the contractor shall complete a detailed inspection and assessment of the five first articles when they are returned to the contractor's facility. The contractor shall submit a detailed inspection and assessment report for each asset IAW CDRL A012-Test Asset Refurbishment Report within 15 calendar days of receipt of the first articles from FAT for Government review IAW CDRL A012 - Test Asset Refurbishment Report.

C.6.22 The contractor shall refurbish first articles IAW an awarded delivery order. The Government and contractor will establish a mandatory replacement item list for all test assets. The contractor will work with the Government to determine cost and schedule impact(s); the PCO will review the circumstances and make a determination on a case by case basis.

C.6.23 System Test Support. The contractor shall provide capable and knowledgeable on-site technical support personnel throughout the completion of the First Article Test (FAT) at Yuma Proving Ground (YPG), the Government test site. The contractor shall provide continuous system test support for 90 days. If testing exceeds the 90 days and the contractor needs to provide extended test support; the PCO will review the situation on a case by case basis.

C.6.23.1 The contractor shall prepare to deliver one SSP 30 days before the start of FAT to Yuma Proving Ground. This SSP will be used in conducting FAT.

C.6.24 The contractor shall correct deficiencies and shortages to keep the SSP and FAT Test Assets up-to-date during the test period; the contractor shall correct deficiencies and shortages at the time of or during the tests within 72 hours of notification. The contractor shall deliver SSP updates to the test site (prior to retest) within seven days of notification.

C.6.24.1 If required, and with the approval of the PdM MRAP VS Systems Engineer, the contractor may remove components from the non-selected first articles to utilize as spares to support the FAT in order to meet the spare parts support timelines. If parts are removed from non-utilized first articles, the contractor shall correct all deficiencies and shortages to keep the non-utilized first articles in condition code A during the test period. The contractor shall address deficiencies and shortages at the time of or during the tests within seven days of parts removal from non-utilized first articles. The contractor shall ensure all assets comply with condition code A as detailed in:

[http://www.dlms.dla.mil/eLibrary/Manuals/MILSTRAP/html/029\\_AP2.05\\_FederalConditionCodes\\_CH4.htm](http://www.dlms.dla.mil/eLibrary/Manuals/MILSTRAP/html/029_AP2.05_FederalConditionCodes_CH4.htm)

C.6.24.2 Test Incident Reports (TIRs). During First Article Tests, the testing agency will generate Test Incident Reports (TIRs). The Government will be responsible for providing all TIR data to the contractor during FAT. The contractor shall address each TIR IAW CDRL A013-Corrective Action Report (CAR). The contractor shall submit a response to the Government in an electronic format IAW CDRL A013-Corrective Action Report (CAR).

Note: The contractor shall coordinate with the PdM MRAP VS Quality Manager and System Engineer for assistance in accessing the TIR databases for the EHP Roller system.

C.6.25 Manufacturing Standard. The contractor will keep an asset at their facility that has successfully passed all First Article Test requirements, along with its respective Build Book, after FAT approval. This asset will become the manufacturing standard for every asset that is produced. In the case of a configuration change approval, this asset will incorporate the approved configuration change(s) and become the new manufacturing standard.

C.6.26 Product Quality Deficiency Report (PQDR). If an issue is discovered or a failure has occurred, the contractor shall investigate and provide long term failure analysis and corrective action for all issues regarding products, supplies, or services provided under this contract. The contractor shall work with the Government to complete PQDRs in accordance with CDRL A014 - Product Quality Deficiency Reports. Once a failure is detected during the production process, the Contractor shall report it to the Government PdM MRAP VS Quality Manager. The contractor shall report any items received through the Government supply system that do not conform to standards (in example: required form, fit, function, and/or manufacturer specification of the received item), through the Product Data Reporting and Evaluation Program (PDREP). Request for access and reporting is performed at the following web site:

[https://www.pdrep.csd.disa.mil/pdrep\\_files/accessforms/useraccess.htm](https://www.pdrep.csd.disa.mil/pdrep_files/accessforms/useraccess.htm)

C.6.26.1 Product Quality Deficiency Reporting (PQDR)/Modifications. The contractor shall report any items received from the supply system that do not conform to standards (in example: required form, fit, function, and/or manufacturer specification of the received item), via PQDR. If an incorrectly delivered part can be modified to conform to the appropriate Government TDP drawing requirement in Attachment 0001-EHP Roller Production TDP, the contractor may be authorized to modify parts with Government approval. If that part is modified, the contractor is not required to complete a PQDR.

C.6.26.2 Corrective Action Report (CAR). The contractor shall submit a CAR IAW CDRL A013 - Corrective Action Report. This report should include all recorded production assembly defects, any items received from suppliers that do not conform to standards (in example: required form, fit, function, and/or manufacturer specification of the received item), all measures used for corrective action, and evidence that the corrective action has been completed. The contractor and the Government shall review all CARs at the quarterly QAMM.

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C.7 CONFIGURATION MANAGEMENT

C.7.1 The Government will be responsible for managing the EHP Roller configuration through delivery of the last asset/deliverable. The Government may require configuration changes due to issues identified during EHP Roller production, test, or evaluation. The Government will determine the impact of any proposed configuration changes to the logistics, technical, and production requirements established for this program. The Government may review, approve, disapprove, and institute changes to the EHP Roller configuration.

C.7.1.1 Configuration Management Requirements. The Government will maintain a management system of configuration control methods and procedures to identify and document the form, fit, function, and other physical characteristics of the EHP Roller and all its assemblies, subassemblies, components, and parts, and maintain the integrity and history of the established baseline. In addition to assuring that all EHP Rollers produced conform to the Government approved configuration, the Government will provide configuration data to the contractor in Attachment 0001- EHP Roller Production TDP. This Government-approved configuration shall be the basis for all production assets produced for the Government under the contract.

C.7.2 Configuration Changes. Manufacturing Standard changes will only be incorporated in accordance with the requirements of this section.

C.7.2.1 Requests for Variance: At any time during the period of performance the contractor may request to temporarily deviate from the Manufacturing Standard by submitting a DD Form 1694- REQUEST FOR VARIANCE. The contractor shall submit this information IAW CDRL A015- Request for Variance (RFV). All permanent changes shall require an Engineering Change Proposal (ECP).

C.7.3 Engineering Changes.

C.7.3.1 Contractor Initiated ECPs. The contractor shall notify the APM and receive approval from the PCO prior to implementing any configuration change that impacts form, fit, or function. The contractor shall submit ECP requests to the APM using a DD form 1692- Engineering Change Proposals for PCO approval at least 60 days before the proposed incorporation date. The request for change shall include the information required IAW CDRL A016 - Engineering Change Proposal (ECP).

C.7.3.1.1 Government Review of Contractor Initiated ECP. The Government may require the contractor to perform additional tests to verify acceptability of any proposed change. The Government will determine the extent of testing, up to and including a complete FAT for the proposed change. Furthermore, any production or delivery delays caused by additional testing and inspection will not be the basis for an excusable delay as defined in FAR Clause 52.249-8 - Default (Fixed-Price Supply and Service) of this contract. The contractor will work with the Government to determine cost and schedule impact(s); the PCO will review the information and make a determination on a case by case basis.

C.7.3.1.2 Responsibility for Failure due to Changes. Government approval of the contractors proposed change does not relieve the contractor from the responsibility to furnish all items IAW the contract requirements.

C.7.4 Government Initiated ECP. If the Government requires a change to the EHP Roller configuration, the PCO will provide written notification to the contractor of the change and request a qualified technical cost/price proposal. The contractor shall furnish the proposal within the timeframe stated in the written request for proposal, which may include retrofit of post-production items and cut-in of future production units. The PCO will review each situation on a case by case basis.

C.7.5 Cost, Schedule and Performance Impacts. Any changes to cost, schedule or performance will be incorporated by a bi-lateral contract modification. This modification may be subject to negotiations. The contractor shall provide data to support proposed costs and the Government may conduct post-change audits. If the Government requires an EHP Roller configuration change or requires a retrofit to already accepted assets, the PCO will direct the contractor to submit a cost proposal and schedule impact for Government evaluation. If the Government requires retrofit to assets already accepted by the Government, the PCO will direct the contractor to submit a cost proposal and schedule impact for Government evaluation.

C.7.5.1 Implementation. The Contractor shall incorporate changes resulting from Government approved ECPs into the product line as directed by a contract modification. Actual cut-in of these changes shall be at a single end item cut-in-point. The contractor shall notify the PCO and the APM, in writing, of the implementation point for each approved ECP.

C.7.6 Warranty

C.7.6.1 For the life of the contract and throughout the delivery schedule of each delivery order, the contractor shall pass through all applicable warranties offered from its subcontractors and vendors. The Contractor shall provide a list of the warranted items and copies of subcontractor and vendor warranties in accordance with CDRL A017- Warranties List.

C.7.6.2 If required, the contractor will provide the Government notification of a pass-through warranty claim IAW CDRL A018-Warranty Performance Report. Once Government reviewed and PCO approved, the contractor shall replace or repair parts and/or assemblies IAW Attachment 0009 EHP Roller Production Warranties. The contractor shall keep Warranty Reports on file throughout the life of the contract and the last delivery, if the Government needs to access the information for reporting purposes.

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C.7.6.3 The contractor shall maintain warranty information in its database, including dates for warranty coverage. The contractor shall ensure that Government representatives have read-only permissions to this data base and possess the capability to access information for reporting purposes.

C.8 ITEM UNIQUE IDENTIFICATION DESCRIPTOR (IUID)

C.8.1 General. The Contractor shall apply IUIDs to those items specified Attachment 0010 EHP Roller Production IUID Marking Plan. IUID application shall be as specified in the DFARS 252.211-7003-Item Unique Identification and Valuation, MIL-STD 130N -Identification Marking of U.S. Military Property and the DoD Guide to Uniquely Identifying Items. Packaging of items bearing IUIDs shall be marked as specified in MIL-STD 129 -Military Marking for Shipment and Storage.

To access these publications, refer to:  
<http://dodprocurementtoolbox.com/site-pages/unique-id-tools>

C.8.2 IUID Candidate Items. The Government will provide the Contractor a candidate list based on AR 700-145-Item Unique Identification, para 2.2 (18 Feb 2016), DFARS 211.274-2, Army Directive 2016-21, HQDA PARC Policy Alert #18-39, DODI 8320.04 in Attachment 0010 EHP Roller Production IUID Marking Plan. This plan shall include all end items and components deemed to require either serialization or unique item level traceability at any time during their life cycles. The DFARS Clause 211.274-1-Item Identification and Valuation Requirements, and The DoD Guide for Uniquely Identifying Assets provide the criteria. If an IUID item is modified or added, the Contractor shall submit an IUID Marking List IAW CDRL A019-IUID Marking List.

References can be located at the following link:  
<http://dodprocurementtoolbox.com/site-pages/unique-id-tools> .

For each IUID item, the Contractor shall furnish the manufacturer Contractor and Government Entity (CAGE), part number, nomenclature, approximate unit price, whether the item can be marked with a label or data plate, and the reason for the recommendation for serialization and unique identification for addition to Appendix A in accordance with CDRL A019-IUID Marking List.

C.8.2.1 The approved Candidate IUID Items List is in Attachment 0010- EHP Roller Production IUID Marking Plan.

C.8.3 IUID Construct and Method. The Contractor shall use Attachment 0010-EHP Roller Production IUID Marking Plan-Construct 2 for guidance on IUID construct and method. The contractor shall use Construct 2, Format Code 12, with the following Text Element Identifiers MFR, PNO, and SEQ. The IUID marking shall include the UII on the IUID plate or label, or on the item identification plate, or directly on the item in 2D Data Matrix barcode symbology. The end item IUID marking shall be embedded on the system data plate. The 2D symbol shall be the Data Matrix, ECC 200 IAW International Organization for Standardization/International Electro technical Commission (ISO/IEC) 16022. A 2D Data Matrix, ECC 200 compliant bar code (ISO/IEC 16022) shall be used to carry the IUID data elements. The Machine Readable Information (MRI) shall contain discrete elements including: Unique Item Identifier (Construct 2); Enterprise Identifier; Original Part Number; and Serial Number.

C.8.3.1 Identification/Data Plate for End Items. The Contractor shall use MIL-STD-130N-Identification Marking of U.S. Military Property as a guide when developing the System data plate. The end item IUID marking shall be embedded on the system data plate. The End Item data plate 2D matrix shall contain human and machine-readable markings and shall be no less than 1 cm wide and no less than the quality grade contrast defined in MIL-STD-130N- Identification Marking of U.S. Military Property and ISO/IEC 15415- Requirements for Data Matrix Symbols. The data plate information for the Parent End Item is listed below:

- a) Nomenclature
- b) National Stock Number (NSN)
- c) Design Activity: (MFR ID CAGE Code)
- d) Government Ownership Designation: US Government Property
- e) Contract Number
- f) 2-dimensional IUID data matrix
- g) Unique Item Identifier (UII)
- h) Part Number
- i) Serial Number

C.8.3.2 Data Plates for Subassemblies, Components, or Other Parts. The Contractor shall mark all Appendix A candidates described in DFARS clause 252.211-7003 -Item Unique Identification and Valuation with the IUID prior to delivery to the Government. The contractor shall use MIL-STD-130N-Change 1,- Identification Marking of U.S. Military Property, Figure 10 as a guide when developing the IUID marking for subassembly, component or parts. The child End Item 2D matrix mark shall contain human and machine-readable markings as defined in MIL-STD-130N- Identification Marking of U.S. Military Property and ISO/IEC 15415 Requirements for Data Matrix Symbols. If the item has a data plate, the IUID marking must be embedded on the data plate.

C.8.4. IUID Location and Marking. The Contractor shall use MIL-STD-130N- Identification Marking of U.S. Military Property, Section 4 and

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this SOW as a guide for methods of applying, proper location, and marking criteria. The locations and marking methods selected should bear no impact on the performance of the part and minimal configuration change(s) to the part. All 2D data matrix shall be permanently affixed and have the ability to withstand and perform within the same environmental conditions as the SYSTEM. The Contractor shall perform engineering analysis to determine the appropriate method for marking each item that requires IUID. The Contractor shall ensure that the IUID marking location will be optimized for ease of scanning, and shall avoid applying IUID markings on curved or rounded surfaces. The IUID (including 2D Matrix) should be incorporated onto the existing data plate when possible. The end item IUID marking shall always be embedded on the system/item data plate. If the above cannot be accomplished, a separate data plate can be attached and shall contain the 2D Matrix plus the human readable characters for the Part Number, Serial Number and CAGE. This added data plate should be attached in close proximity to the main data plate. The Contractor shall document the location and marking method on the engineering technical documentation (e.g. drawings).

C.8.5 IUID Registration. The Contractor shall report IUID pedigree data and acquisition data into the DoD IUID registry through WAWF within the Wide Area Work Flow e-Business Suite of tools, located at the following link:

<https://wawf.eb.mil> .

The Contractor shall ensure all item parent and child relationships are accurately recorded in the IUID Registry. All new acquisition items with UIIs are submitted to the IUID Registry at the time of acceptance. Additional information regarding data submission as well as the actual marking can be found at:

<http://dodprocurementtoolbox.com/site-pages/overview-data-submission>

The contractor may contact the local Defense Contract Management Agency (DCMA) office for additional assistance.

C.8.6 IUID Quality Assurance.

C.8.6.1 Item Mark Quality Assurance. The Contractor shall conduct quality assurance of item marks as prescribed by DFARS 252.211-7003-Item Unique Identification and Valuation and MIL-STD-130N -Identification Marking of U.S. Military Property. Quality assurance shall include verification and validation of marks, as described in MIL-STD-130N-Identification Marking of U.S. Military Property. Sampling is acceptable as long as applied to the marks on each type of item. Verification and validation shall be conducted using a verifier apparatus. A copy of the validation and verification report produced by the verifier apparatus for the first instance of each CLIN, SLIN and component delivered under the contract that is designated by DFARS 252.211-7003-Item Unique Identification and Valuation and this SOW as requiring IUID shall be provided to the APM within 7 days of the date the uniquely identified item is shipped. The contractor shall maintain the additional reports of verification and validation as required by DFARS 252.211-7003 and MIL-STD-130N.

C.8.6.1.1 The contractor shall provide a raw scan of all Unique Item Identifiers required for this contract IAW CDRL A020 Unique Identification (IUID) Marking and Verification Report.

C.8.6.2 Validation and Verification Report. This data shall be reported IAW CDRL A020- Individual Unique Identification Marking Activity, Validation & Verification Report. The Contractor shall provide the Government with a Validation/Verification report along with a PDF of data plates.

C.8.6.3 IUID Validation. Validation is a means of ensuring the data is encoded correctly in the 2D Matrix. The Contractor shall validate each IUID data plate in accordance with MIL-STD-130N-(latest version)-Identification Marking of U.S. Military Property and Attachment 0010-EHP Roller Production IUID Marking Plan. Validation is the process for determining that the machine-readable symbol contains the required information and has been encoded correctly with the proper semantics and syntax. Validation is performed using an electronic and optical imaging device capable of reading the MRI IAW Department of Defense Guide to Item Unique Identification Quality Assurance. The Contractor shall report this data IAW CDRL A020-Individual Unique Identification Marking Activity, Validation & Verification Report Validation.

C.8.6.4 IUID Verification. The Contractor shall verify each IUID data plate is IAW MIL-STD-130N-Identification Marking of U.S. Military Property and Attachment 0010-EHP Roller Production IUID Marking Plan. Verification is the process to assess the quality of a machine-readable symbol and assigning a grade to the results; this determines acceptance in accordance with the applicable specification or material readable information (MRI) protocol quality control document. Verification is performed using an electronic and optical imaging device capable of reading the MRI IAW Department of Defense Guide to Item Unique Identification Quality Assurance. The Contractor shall report this data CDRL A020 Individual Unique Identification Marking Activity, Validation & Verification Report Validation.

C.8.7 Hardware Changes in IUID. The Contractor shall recommend a course of action for any hardware change that results from an ECP. The Government may accept or decline determination of tag locations and provide a course of action. As changes are made to the end item, the Contractor shall use the above information in determining if changes need to be made or revised to the IUID tag marking.

C.9 DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES (DMSMS)

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C.9.1. Diminishing Manufacturing Sources and Material Shortages (DMSMS) Management Plan. The contractor shall develop and maintain a DMSMS management plan IAW CDRL A021-DMSMS Plan. This plan is to manage the loss or impending loss of parts and material manufacturers or suppliers as required by DoD 4140.1-R, DoD Supply Chain Management Material Regulation. The contractor shall plan to address issues such as long-lead material, unique processes, tooling, parts and material obsolescence. The contractor shall use a proactive DMSMS Program to insure all DMSMS issues are appropriately mitigated throughout the entire life cycle of the items. The contractor shall immediately inform the Government when a part has been identified as DMSMS or obsolete, and provide recommendation(s) to resolve the issue. The contractor shall investigate alternatives when there is an issue with DMSMS or obsolescence; alternative resolutions may include alternate sources, replacement parts and aftermarket parts. 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 that may severely impair system life cycle cost or readiness at the scheduled CSR & IPR meetings and offer resolution options.

C.9.2 The contractor shall identify any sourcing issues that will adversely affect cost, schedule, and performance for evaluation and discuss potential mitigation strategies. When possible, these sources will be tied to current National Item Identification Number (NIIN)/National Stock Number (NSNs) of components or assemblies. These sourcing issues may be resolved by a decision to identify suitable alternate sources and the contractor may conduct a complete reverse engineering of the component. The criteria for determining whether alternate sourcing or reverse engineering methods are necessary will be linked to the critically of the part and testing required, in addition to the impact on the cost, schedule and performance. The Government will evaluate each situation on a case by case basis.

C.9.2.1 DMSMS Forecasting and Notifications. The contractor shall establish a process for identifying and notifying the Government of forecasted and identified DMSMS issues to the PdM MRAP VS. The contractor shall use predictive tools and methods to proactively forecast and monitor parts. The contractor shall provide access to all DMSMS information for Government review; a Government representative will have full access to the contractors DMSMS data and information. The contractor shall provide the Government, at no additional cost to the Government, all current and historical DMSMS data and information upon declaration of discontinuance of production and exit from the program.

C.9.2.2 Alternate Sourcing. If alternate sourcing becomes necessary, the contractor shall attempt to identify additional sources of supply and provide information to the Government proving that the suggested source is capable of producing the item. This information should include any available technical data, specifications, or testing data. In the special case that the an alternate source is the actual Original Equipment Manufacturer (OEM) of the component, no necessary fit up is required. If the alternate source is not the OEM, a sample item may be requested to verify form, fit, and function; if issues arise during fit-up or verification, the proposed source will not be considered and the part must be re-evaluated. The Government will provide a written response in regard to approval or disapproval of the alternate source. The Government may request additional information depending on the situation. Upon Government approval, the contractor shall provide Engineering Drawings for Provisioning (EDFP) that include the vendor CAGE Code, and Part Number (P/N) for all qualifying sources.

C.10 CORROSION CONTROL

C.10.1 Corrosion Prevention and Control Plan (CPCP). The Contractor shall develop, maintain, and implement a CPCP to for the EHP Roller in accordance with CDRL A022 - Corrosion Control and Protection Plan. The contractor shall identify corrosion risks and implement mitigation measures and processes to prevent corrosion. The contractor shall minimize corrosion risks related to system production, storage, and transport. The contractor shall immediately inform the Government PCO via e-mail of corrosion issues that have the potential to degrade performance if they arise during the execution of this contract.

C.10.2 Storage. If items are inventoried, the contractor shall submit an Inventory Report IAW CDRL A023-Inventory Report.

C.11 SYSTEM SAFETY AND HEALTH HAZARDS

C.11.1 The contractor shall provide a Safety Assessment Report IAW CDRL 024-Safety Assessment Report. The contractor shall not degrade existing safety related design features. The Contractor shall consider the following in while updating system, operational, and procedural designs:

C.11.1.1 Identifying production hazards associated with the assets by conducting safety analyses and hazard evaluations.

C.11.1.2 Eliminating or reducing significant hazards by appropriate production methods.

C.11.1.3 Controlling or minimizing hazards to personnel which cannot be avoided or eliminated.

C.12 ENVIRONMENTAL

C.12.1 Environmental, Safety and Occupational Health. The contractor shall perform Environmental, Safety, and Occupational Health (ESOH) activities.

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C.12.2 Environmental Compliance. The contractor shall ensure that all aspects of contract execution and DOs are in compliance with applicable International, United States Federal, State, and Local environmental regulations and requirements including activities associated with design, prototype build, test, storage, and disposal. The contractor shall immediately notify the PCO if the Government gives any direction that may result in violation of law or regulation.

C.12.3 Hazardous Materials Management  
For the purposes of this contract, hazardous materials shall be defined by FED-STD-313- Material Safety Data, Transportation Data, and Disposal Data for Hazardous Materials Furnished to Government Activities. A Radioactive material is defined as any source material, as defined by Title 10, Code of Federal Regulations, Part 40, Domestic Licensing of Source Material, in excess of 0.05 percent by weight. Prohibited materials restrictions shall apply to all components, parts, and materials provided under this contract, including items purchased through a subcontractor or supplier, Commercial off the Shelf components, Original Equipment Manufactured parts, and manufactured parts.

C.12.3.1 Prohibited Materials  
The system shall not have prohibited materials (including alloys containing prohibited materials) present in or on any delivered materials, required for operation or sustainment of the system, or used in final manufacture and assembly processes. The following are prohibited materials: asbestos, beryllium, Class I and Class II Ozone Depleting Substances (ODS), hexavalent chromium, cadmium, mercury, lead, radioactive materials, and other Group 1 Agents classified as "carcinogenic to humans" by the International Agency for Research on Cancer (IARC) Monographs.

The following exceptions are allowed without prior approval from the Government:

- Cadmium and hexavalent chromium on electrical connectors and back shells used to mate with cadmium electrical connectors on Government Furnished Equipment (GFE) or used in an Automatic Fire Extinguishing System (AFES)
- Products listed under "Priming" and "Topcoating" in MIL-DTL-53072, Table I
- Lead-acid batteries
- Lead solder
- Leaded battery terminal adaptors/clamps
- Steel containing up to 0.35 % lead by weight
- Aluminum containing up to 0.4 % lead by weight
- Copper and Brass alloys containing up to 4 % lead by weight
- Beryllium and Beryllium alloys used in electrical components
- Mercury containing components compliant with European Union (EU) Directive 2011/65/EC (RoHS2)
- Trace amounts of identified restricted materials contained in base materials and/or alloys. For the purposes of this contract trace amounts are defined as <0.1% by weight for carcinogens and <1% by weight for all other materials.

C.12.3.2 Prohibited Materials Waivers  
Prohibited materials requirements waivers will not be permissible unless a suitable alternative does not exist. If required, the contractor shall submit waiver requests to the APM no later than the end of Q2 FY19 or delivery of the first unit, whichever is earlier, using the Attachment 0013- Request for Use of Prohibited Materials Waiver requests; shall include detailed technical justification for the use of prohibited hazardous materials. The Government will make the final determination on whether sufficient justification has been provided to support approval of any waiver requests. Government response will be provided to the contractor within 30 days of receiving sufficient justification for the waiver request. The contractor shall not deliver any items containing prohibited materials without the Government approval of the waiver request. This includes purchased parts or components such as fasteners, electrical connectors, and hydraulic fittings.

C.13 UNCLASSIFIED//FOR OFFICIAL USE ONLY (U//FOUO) DESIGNATION

C.13.1 The UNCLASSIFIED//FOR OFFICIAL USE ONLY (U//FOUO) marking is assigned to information at the time of its creation in a DOD User Agency. It is not authorized as a substitute for a security classification marking but it is used on official government information that may be withheld from the public under exemptions 2 through 9 of the Freedom of Information Act.

C.13.2 Control, marking, and protection of U//FOUO information will be in accordance with this document and Army Regulation (AR) 380-5- Safeguarding Military Information, Chapter 5, para 5-1 through 5-6. For additional guidance presented in AR-380-5-Safeguarding Military Information, please refer to this website:

<https://cs.signal.army.mil/docs/AR380-5/main.htm>

C.13.3 The contractor may disseminate "UNCLASSIFIED//FOR OFFICIAL USE ONLY" (U//FOUO) information only to their employees who have a need to know for the information in connection with the contract.

C.13.3.1 Destruction. U//FOUO material will be destroyed by tearing or shredding to make unreadable. Electronic media will be purged

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with approved software or destroyed through a physical process. The contractor shall purge all U//FOUO information related to this contract stored on the contractor's computer system not later than one year after the end of this contract. If the Contractor needs to retain the information for a longer period of time must receive written permission from the PCO. The contractor shall refer to the guidance for sanitizing the computer in the Department of Defense Instruction Number 8582.01. The contractor may contact PDM MRAP VS for further assistance.

C.13.3.2 Storage. During working hours U//FOUO information shall be placed in an out-of-sight location if the work area is accessible to persons who do not have a need for the information. During non-working hours, the information shall be stored to preclude unauthorized access. Filing such material with other unclassified records in unlocked files for desks is adequate when internal building security is provided during non-working hours. When such internal security control is not exercised, locked buildings, or rooms will provide adequate after hours protection or the material can be stored in locked receptacles such as file cabinets, desks or bookcases.

C.13.3.3 Electronic Communications. All sensitive information (U//FOUO, proprietary, operational information, Freedom of Information Act exemptions, etc.) must be protected and may be sent over an installation Local Area Network (LAN) that is protected with a firewall, user ID, and passwords. However, this same information must be CAC encrypted when sent from an installation LAN to individuals/organizations that are located at a different installation or a contractor location. When no longer needed, this information must be shredded.

\*\*\* END OF NARRATIVE C0001 \*\*\*

CS7520

C.1 ACCESS AND GENERAL PROTECTION/SECURITY POLICY AND PROCEDURES

(a) 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 (FAR clause 52.204-9 Personal Identity Verification of Contractor Personnel) 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.

(b) For contractors requiring Common Access Card (CAC). Before CAC issuance, the contractor employee requires, at a minimum, a favorably adjudicated National Agency Check with Inquiries (NACI) or an equivalent or higher investigation in accordance with Army Directive 2014-05, The contractor employee will be issued a CAC only if duties involve one of the following: (1) Both physical access to a DoD facility and access, via logon, to DoD networks on-site or remotely; (2) Remote access, via logon, to a DoD network using DoD-approved remote access procedures; or (3) Physical access to multiple DoD facilities or multiple non-DoD federally controlled facilities on behalf of the DoD on a recurring basis for a period of six (6) months or more. At the discretion of the sponsoring activity, an initial CAC may be issued on a favorable review of the FBI fingerprint check and a successfully scheduled NACI at the Office of Personal Management.

(c) For contractors that do not require CAC, but require access to a DoD facility or installation. Contractor and all associated subcontractors employees shall comply with adjudication standards, and procedures using the National Crime Information Center Interstate Identification Index (NCIC-III) and Terrorist Screening Database (TSDB) (Army Directive 2014-05/AR 190-13), applicable installation, facility and area commander installation/facility access and local security policies and procedures elsewhere in Section C; Non-disclosure Statement; for OCONUS locations, refer to the Status of Forces Agreement and other theater regulations

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CS6600

C.2 TRUSTED ASSOCIATE SPONSORSHIP SYSTEM (TASS) PROGRAM

(a) The contractor is responsible for processing applications for Common Access Cards (CAC) for every contractor employee who deploys with the military force, OR who has need to access any government computer network in accordance with FAR 52.204-9, Personal Identity Verification of Contractor Personnel.

(b) The contractor is responsible for managing requests for new or renewal CAC cards in sufficient time to ensure that all contractor employees have them when needed to perform work under this contract. The norm is at least ten calendar days advance notice to the Trusted Agent\* (TA), unless there are extenuating circumstances approved by the Contracting Officers Representative (COR) or Contracting Officer. \*The COR will be the TA for this contract.

(c) The contractor shall obtain an Army Knowledge Online (AKO) email address for each applicant, including subcontractors, who may be deployed or require logical access to a government computer network. This can be done by going to <http://www.us.army.mil> and register

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as an Army Guest with the sponsor being the COR. Note: If a contractor employee loses the privilege to access AKO, they lose the ability to renew their CAC. Therefore, it is critical that contractor employees maintain their AKO accounts.

(d) It is recommended that a Corporate Facility Security Officer (FSO) be established to serve as the firms single point of contact for Trusted Associate Sponsorship System (TASS). If a FSO is not established, each contractor employee requiring a CAC card will be required to process their own applications.

(e) CAC applications must be processed through the DODs TASS. The contractors FSO or contractor employee shall submit requests for a CAC via email to the TASS Trusted Agent (TA) at (TBD) before accessing the TASS website.

(f) The government will establish a TASS application account for each CAC request and will provide each contractor employee a USER ID and Password via email to the FSO. The FSO or contractor employee shall access the TASS account and complete the CAC application (entering/editing contractor information as applicable) at <https://www.dmdc.osd.mil/tass/operator/consent?continueToUrl=%2Ftass%2Findex.jsp> .

(g) The FSO or contractor employee will submit completed applications in TASS, and will follow up to ensure that the TA is processing the request.

(h) The government will inform the contractors applicant via email of one of the following:

- Approved\*. Upon approval, the information is transferred to the Defense Enrollment Eligibility Reporting System (DEERS) database and an email notification is sent to the contractor with instructions on obtaining their CAC. The contractor proceeds to a Real-Time Automated Personnel Identification System (RAPIDS) station (<https://www.dmdc.osd.mil/rs1/> provides RAPIDS locations).
- Rejected\*. Government in separate correspondence will provide reason(s) for rejection.
- Returned. Additional information, or correction to the application, required by the contractor employee.

\*The contractor will maintain records of all approved and rejected applications.

(i) At the RAPIDS station, the RAPIDS Verification Officer will verify the contractor by SSN, and two forms of identification, one of which must be a picture ID. The Verification Officer will capture primary and alternate fingerprints and picture, and updates to DEERS and will then issue a CAC.

(j) Issued CACs shall be for a period of performance not longer than three (3) years or the individuals contract end date (inclusive of any options) whichever is earlier.

(k) The contractor shall return issued CACs to the DEERS office upon return from deployment, departure or dismissal of each contractor employee. A receipt for each card must be obtained and provided to the TA/COR.

(l) A CAC cannot be issued without evidence that a National Agency Check with Written Inquires (NACI) has at least been initiated by the FSO. TASS will be linked to the Joint Personnel Adjudication System (JPAS) in the near future. The TA will have to verify via JPAS that the NACI has been initiated by the FSO before he/she can approve a contractor request for a CAC.

(m) Details and training on TASS are available on AKO at <https://www.us.army.mil/suite/portal/index.jsp> or by contacting the CAC helpdesk at [cacsupport@mail.mil](mailto:cacsupport@mail.mil) or 866-738-3222.

CS7998

**C.3 ACCESS TO THE DETROIT ARSENAL; IDENTIFYING CONTRACTOR EMPLOYEES; NON-DISCLOSURE STATEMENT**

(a) APPLICABILITY. This requirement is only applicable to contractor employees working at, or visiting, Detroit Arsenal. The term contractor employee includes employees, agents, or representatives and all employees, agents, or representatives and all employees, agents or representatives of all subcontractors, suppliers and consultants.

(1) DETROIT ARSENAL ACCESS.

All contractor personnel entering the installation and requiring unescorted access must have a valid purpose to enter and be sponsored by a U.S. government organization or a contractor providing support on the installation. They must have their identity proofed and vetted through the National Crime Information Center (NCIC) database, and be issued, or in possession of an authorized and valid access credential from the Detroit Arsenal installation. At the discretion of the Senior Commander, U.S. Army Garrison Detroit

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Arsenal, any individual known to have a criminal background involving violence or meets the disqualifying standards in the Final Credentialing Standards for Issuing Personal Identity Verification Cards under HSPD-12 (31 Jul 2008), may be denied access to the Detroit Arsenal. Fingerprinting of employees and any other security procedures deemed necessary for the security of Detroit Arsenal (vehicle searches or x-raying packages, bags, briefcases) may be required based on the Force Protection Condition level at the time of access and whether the installation or building location is identified as a Restricted Area or Mission Essential Vulnerable Area (MEVA).

(2) BADGES/PASSES.

(a) Contractor employees entering the Detroit Arsenal are responsible for obtaining, and then returning, security identification badges/passes and vehicle registration decals/passes. Badges are valid only for the date spans indicated, by the government, on each badge application form (STA Form 17).

(i) Obtaining Badges. Government sponsor must prepare and submit a properly completed STA Form 17 (Visitor Notification and/or Temporary Security Identification Badge Application) to the Detroit Arsenal Visitor Control Center not less than 96 hours prior to scheduled visit.

(ii) Returning Badges. The government sponsor is responsible to ensure the security identification badges are returned to the Visitor Control Center, Bldg 232, upon expiration or termination of the contract relationship with the contract employee. Failure to comply with the requirements in this paragraph may be grounds for withholding any funds due the contractor until completion of the requirement, notwithstanding any other clause or requirements in the contract. Failure to comply may also be taken into account by the government in evaluating the contractors past performance on future acquisitions.

Badge Guidance.

(b) All contractor employees, while on the premises at the Detroit Arsenal, shall continually wear the badge, which shall be visible at all times between the neck and waist of the individual. Badges will be secured from public view when off post and will not be left in privately owned or contractor vehicles unattended. Stolen or lost badges will be promptly reported to DES, USAG Detroit.

(c) The identification badge or pass issued to contractor employee(s) is for their own use only. Misuse of badge or pass, such as permitting others to use it can result in criminal charges under Title 18 USC 499 and 701, and barring the employee from the Detroit Arsenal property.

(d) If the contractor obtains a new or follow-on contract that again requires physical access to the Detroit Arsenal property, he shall obtain new badges for his employees, indicating the new or follow-on contract number. The security policies described in this clause apply to any contractor employee on base in connection with any contract with TACOM-Warren.

(3) MEETING ATTENDANCE. Any contractor employee attending meetings with Government employees within or outside the Detroit Arsenal boundaries, shall, at the beginning of the meeting, announce that he/she is a contractor employee. He/she must state the Contractor's name and address, and state the name of all other companies or persons that (a) currently employ him, or (b) that he currently represents. In addition, for the duration of the meetings, the contractor employee shall wear a second visible badge that displays the contractor's company name.

(4) CLASSIFIED ACCESS. If a visiting contractor is working on a classified contract, his/her visit request, with security clearance information, must be sent to the G2, TACOM LCMC (SMO Code W4GGAA\* or W4GGAA5, AMSTA-CSS, Office Phone 586-282-6262, Fax 586-282-6362) and their sponsoring activity. Government employees hosting meetings will verify contractor employees security clearance information with their supporting Security Coordinator or G2, TACOM LCMC using JPAS or the TACOM LCMC Access Roster prior to providing contractor access to classified information based on the approved DD254.

(5) REGULATORY COMPLIANCE. All contractor employees working on the U.S. Army installation, Detroit Arsenal, in the State of Michigan, in connection with this contract, shall conform to all applicable federal or state laws, and published rules and regulations of the Departments of Defense and Army. Also, they must comply with any existing applicable regulations promulgated by Detroit Arsenal, TACOM LCMC, or the Senior Commander. Additionally, all contractor employees working on classified contracts shall comply with the requirements of the National Industrial Security Program (NISPO) and Army Regulation 380-5, Department of the Army Information Security Program and their approved DD254.

(6) NON-DISCLOSURE AGREEMENT. Each contractor employee working at the Detroit Arsenal property under this contract shall sign a Non-disclosure Agreement on their company's letterhead prior to commencing work under the contract or obtaining the badges permitting access to the property. There will be one Non-disclosure Agreement for each employee. The Non-disclosure Agreement shall be in the format indicated below. A copy of the agreement will be made a part of the contract file.

FORMAT FOR  
NON-DISCLOSURE AGREEMENT

I, \_\_\_\_\_, an employee of \_\_\_\_\_, a Contractor providing support services/supplies to Detroit Arsenal, TACOM LCMC, or other tenant organizations (hereinafter Detroit Arsenal), and likely to have access to nonpublic information (hereinafter RECIPIENT), under contract number \_\_\_\_\_, agree to and promise the following:

Name of Offeror or Contractor:

WHEREAS RECEIPIENT is engaged in delivery support services to Detroit Arsenal under contract; and

WHEREAS, It is the intention of Detroit Arsenal to protect and prevent unauthorized access to and disclosure of nonpublic information to anyone other than employees of the United States Government who have a need to know; and, WHEREAS, Detroit Arsenal acknowledges that RECIPIENT will from time to time have or require access to such nonpublic information in the course of delivering the contract services; and,

WHEREAS, RECIPIENT may be given or other have access to nonpublic information while providing such services; and,

WHEREAS, "nonpublic information" includes, but is not limited to such information as:

Proprietary information (e.g., information submitted by a contractor marked as proprietary. However please note: THIS NON-DISCLOSURE STATEMENT IS NOT SUFFICIENT TO ALLOW CONTRACTORS ACCESS TO ANOTHER CONTRACTORS PROPRIETARY INFORMATION. FOR THAT, A SEPARATE CONTRACTOR TO CONTRACTOR AGREEMENT IS REQUIRED.);

Advanced procurement information (e.g., future requirements, statements of work, and acquisition strategies);

Source selection information (SSI) (e.g., bids before made public, source selection plans, and rankings of proposals) (PLEASE NOTE: THIS AGREEMENT ALONE DOES NOT AUTHORIZE ACCESS TO SSI--ONLY PCO OR SOURCE SELECTION AUTHORITY CAN AUTHORIZE SUCH ACCESS.);

Trade secrets and other confidential business information (e.g., confidential business information submitted by the contractor);

Attorney work product;

Information protected by the Privacy Act (e.g., social security numbers, home addresses and telephone numbers); and

Other sensitive information that would not be released by Detroit Arsenal under the Freedom of Information Act (e.g., program, planning and budgeting system information);

NOW THEREFORE, RECIPIENT agrees to and promises as follows:

RECIPIENT shall not seek access to nonpublic information beyond what is required for the performance of the support services contract;

RECIPIENT will ensure that his or her status as a contractor employee is known when seeking access to and receiving such nonpublic information of Government employees;

As to any nonpublic information to which RECIPIENT has or is given access, RECIPIENT shall not use or disclose such information for any purpose other than providing the contract support services, and will not use or disclose the information to any unauthorized person or entity for personal, commercial, or any unauthorized purposes; and

If RECIPIENT becomes aware of any improper release or disclosure of such nonpublic information, RECIPIENT will advise the contracting officer verbally within two business days, followed up in writing within five business days.

The RECIPIENT agrees to return any nonpublic information given to him or her pursuant to this agreement, including any transcriptions by RECIPIENT of nonpublic information to which RECIPIENT was given access, if not already destroyed, when RECIPIENT no longer performs work under the contract.

RECIPIENT understands that any unauthorized use, release or disclosure of nonpublic information in violation of this Agreement will subject the RECIPIENT and the RECIPIENT's employer to administrative, civil or criminal remedies as may be authorized by law.

RECIPIENT: \_\_\_\_\_ (signature)  
PRINTED NAME: \_\_\_\_\_  
TITLE: \_\_\_\_\_  
EMPLOYER: \_\_\_\_\_

CS7525

C.4 CONTRACTOR EMPLOYEES WHO REQUIRE ACCESS TO GOVERNMENT INFORMATION SYSTEMS

All contractor employees shall be registered in the ATCTS (Army Training Certification Tracking System) at commencement of services and must successfully complete the DoD Information Assurance Awareness training prior to access to the information system, and annually

Name of Offeror or Contractor:

thereafter.

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CS7990

C.5 ARMY INFORMATION SYSTEM (IS) SECURITY REQUIREMENT

CONTRACTOR INVESTIGATION/CLEARANCE. Reference AR25-2, AR 380-67, DoD 5200.2-R and Final Credentialing Standards for Issuing Personal Identity Verification Cards under HSPD-12 (31 Jul 2008). All contractors and consultants that access government owned or operated automated information systems, networks, or databases and to safeguard controlled unclassified information shall have a favorable background investigation as required above references positions designated as IT-I, IT-II or IT-III to perform functions stipulated in contract scope of work. The minimum investigative requirements are as follows: IT-I (Privileged Access) = Single Scope Background Investigation (SSBI); IT-II (Limited Privileged Access) = National Agency Check with Law and Credit Check (NACLC); IT-III (Non-Privileged Access) = National Agency Check with Inquiries (NACI). An investigation in-process is acceptable if the 7th Signal Command Designated Approval Authority (DAA) has granted an IT Waiver. Investigations will be coordinated with the G2, TACOM LCMC (AMSTA-CSS / 586-282-6262) and investigations will be through the Personnel Security Investigations Portal Center of Excellence (PSIP COE). Non-U.S. citizens shall be Permanent Resident Aliens with requisite investigation. All personnel shall receive and certify to an Information Systems Security Briefing.

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CS7524

C.6 INFORMATION ASSURANCE (IA)/INFORMATION TECHNOLOGY (IT) TRAINING

All contractor employees and associated subcontractor employees must complete the DoD IA awareness training before issuance of network access and annually thereafter. All contractor employees working IA/IT functions must comply with DoD and Army training requirements in DoD 8570.01, DoD 8570.01-M, and AR 25-2 within six months of employment. Within 10 days of completing the training, the Contractor shall provide certificates/proof of completion to the Contracting Officers Representative (COR), if assigned to the contract, or the Procuring Contracting Officer (PCO).

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CS7523

C.7 OPSEC TRAINING REQUIREMENT

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. OPSEC awareness training is available at: <https://securityawareness.usalearning.gov/opsec/index.htm> . Within 10 days of completing the training, the Contractor shall provide certificates/proof of completion to the Contracting Officers Representative (COR), if assigned to the contract, or the Procuring Contracting Officer (PCO).

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CS7522

C.8 REQUIREMENT FOR AN OPSEC STANDING OPERATION PROCEDURE/PLAN

- (a) The contractor is subject to provisions of the TACOM LCMC OPSEC Standing Operating Procedures (SOP/Plan), or other U.S. Government OPSEC plan, per AR 530-1, Operations Security. This SOP/Plan specifies the governments critical information, why it needs to be protected, where it is located, who is responsible for it, and how to protect it.
- (b) The contractor will receive a copy of the SOP/Plan at time of award. Local form STA Form 7114 (or similar) will be used to document and record security OPSEC reviews which are conducted by G2, TACOM LCMC or individual organizations supporting OPSEC Officers.
- (c) The contractor shall identify an individual who will be an OPSEC Coordinator. The contractor will ensure that this individual is OPSEC Level I.

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**Name of Offeror or Contractor:**

SECTION D - PACKAGING AND MARKING

D.1 PRESERVATION AND PACKAGING

D.1.1 Delivery of Hardware:

D.1.1.1 The contractor shall preserve any exposed bare ferrous surfaces of the EHP WNS with MIL-PRF-16173, Grade 4 preservative. The contractor shall ensure that preservative is NOT placed on any hydraulic cylinders or hydraulic lines of the EHP WNS.

The contractor shall separately pack the System Support package (SSP), Basic Issue Items (BII), Authorized Stockage List (ASL), and Prescribed Load List (PLL) and place each into an appropriately sized ASTM D6251, Type III, and Class 2 shipping container. The contractor shall cushion any SSP, BII, ASL, or PLL items requiring waterproof protection as appropriate to prevent puncture. The contractor shall put the items in a heat sealed waterproof bag conforming to MIL-DTL-117, Type III, Class B, and Style 2 and placed inside of ASTM D6251 shipping container.

D.1.2 The contractor shall preserve SSP, BII, ASL, or PLL items as necessary and packed as follows:

D.1.2.1 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.

D.1.2.2 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.

D.1.2.3 Preservation: Items susceptible to corrosion or deterioration shall be provided protection by means of preservative coatings, volatile corrosion inhibitors, desiccants, waterproof and/or water vapor proof barriers.

D.1.2.4 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, blocking, anchoring and immobilization, or by other means to prevent damage during handling and shipment.

D.1.3 Unit Package: The contractor shall ensure that each unit package is designed and constructed so that the contents will: have no damage to the contained item(s), have 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. The contractor shall design unit packs to conserve weight and cube, yet retain the protection required.

D.1.4 Unit Package Quantity: The unit package quantity shall be one each part, set, assembly, or kit.

D.1.5 HAZMAT:

For each hazardous material item shipped under this contract, the contractor shall place a copy of the Material Safety Data Sheet (MSDS) into a sealed pouch and attach it to the outside surface area of the Unit Container and Intermediate Container which contains the hazardous material item. The contractor shall comply with these applicable codes and standards: (1) Code of Federal Regulation Titles 29, 40 and 49; (2) International Maritime Dangerous Goods Code, for vessel transport; (3) AFMAN 24-204, Preparing Hazardous Materials for Military Air Shipments; (4) International Air Transport Association (IATA); (5) FAR 52.223-3 -- Hazardous Material Identification and Material Safety Data; and (6) DFARS 252.223-7001 -- Hazard Warning Labels.

D.2 MARKING

D.2.1 For the items processed in accordance with Paragraphs D.1.1 & D.1.2, the contractor shall mark the container in accordance with MIL-STD-129.

D.3 HEAT TREATMENT AND MARKING OF WOOD PACKAGING MATERIALS

D.3.1 In accordance with DOD 4140.625-M and the requirements of the International Standards for Phytosanitary Measures 15 (ISPM15)-Regulation of Wood Packaging Material in International Trade, current edition, (ISPM 15), the following commercial heat treatment and marking process has been approved by the American Lumber Standards Committee (ALSC) and is required for all Wood Packaging Material (WPM). Foreign manufacturers shall comply with ISPM 15, and have the WPM heat treatment and marking verified in accordance with their National Plant Protection Organizations compliance program.

D.3.2 The contractor shall heat-treat boxes/pallets and any wood used as inner packaging made of non-manufactured wood using a conventional steam or dry kiln heat chamber (treatment code for the mark: HT) on all WPM. The contractor shall heat treat WPMs to a minimum core temperature of 56 degrees Celsius for a minimum of 30 minutes, and have it certified by an agency accredited by the ALSC in accordance with Wood Packaging Material Policy and Wood Packaging Material Enforcement Regulations (see URL: <http://www.alsc.org> ). WPM heat treated wood using dielectric heating (treatment code for the mark: DH) shall follow the requirements IAW ISPM 15, and be certified by an agency accredited by the ALSC in accordance with Wood Packaging Material Policy and Wood Packaging Material Enforcement

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Regulations (see URL: <http://www.alsc.org> ). The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall ensure the materials used in manufacture can be traced to the original source of heat treatment, and that the original source of the heat treatment obtained the necessary certifications.

D.3.3 Marking. The contractor shall mark each box/pallet to show the conformance to the International Plant Protection Convention Standard. The contractor shall ensure the ALSC approved quality mark shall be placed on both ends of the outer packaging, between the end cleats or end battens. The contractor shall apply pallet markings to the side of the stringer or end of the 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.

\*\*\* END OF NARRATIVE D0001 \*\*\*

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SECTION E - INSPECTION AND ACCEPTANCE

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
E-1	52.246-2	INSPECTION OF SUPPLIES--FIXED-PRICE	AUG/1996
E-2	52.246-16	RESPONSIBILITY FOR SUPPLIES	APR/1984
E-3	52.246-11	HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT	DEC/2014

(a) The contractor shall comply with the higher-level quality standard(s) listed below.

- (1) International Standards Organization (ISO) 9001-2015 or an equivalent
- (2) American Welding Society Sections D1.1, D1.2, D1.3, and 19207-12479550 (REV A) TACOM Ground Combat Vehicle Welding Code Steel.

(b) The contractor shall include applicable requirements of the higher-level quality standard(s) listed in paragraph (a) of this clause and the requirement to flow down such standards, as applicable, to lower-tier subcontracts in--

- (1) Any subcontract for critical and complex items (see 46.203(b) and (c)); or
  - (2) When the technical requirements of a subcontract require--
    - (i) Control of such things as design, work operations, in-process control, testing and inspection; or
    - (ii) Attention to such factors as organization, planning, work instructions, documentation control, and advanced metrology.
- (End of clause)

E.1 WELDING PROCEDURES/INSPECTION/WELDER CERTIFICATION

E.1.1 Welding Design. The contractor shall ensure that all steel and aluminum weldments meet the most current design and fabrication requirements in American Welding Society (AWS) Sections D1.1 and AWS D1.2; AWS D1.3, and 19207-12479550 (REV A) TACOM Ground Combat Vehicle Welding Code Steel.

E.1.2 Welder Qualification. Before the contractor or the contractor's suppliers assign any welder or welding operator to perform manual, semi-automatic or automatic welding work, or use any automatic welding equipment for work required by this contract, the contractor shall ensure that all welding equipment to include gauges and meters have been certified. The contractor shall also ensure that the welders or welding operators have passed qualification testing, as prescribed by the applicable weld qualification standard. The contractor shall identify the guidelines utilized for qualifying welding processes and personnel. The contractor shall make Welding Qualifications available for Government review at any time during the performance of this contract.

E.1.3 Welding Procedures & Weld Repairs. Prior to manufacturing, the contractor shall prepare welding procedures in accordance with American Welding Society (AWS) weld code requirements and submit them IAW CDRL A025-Welding Procedures. The use of pre-qualified weld joints as specified in AWS D1.1 does not preclude submittal of welding procedures. Repair welding of defective parts shall require Government approval and a written procedure identifying proper technique and approach to correct defective product.

E.1.4 Visual Weld Inspection.

E.1.4.1 Welding Inspectors. The contractor shall verify weld quality and workmanship using qualified inspectors trained to perform these inspection functions. In addition to the contractors submission of CDRL A025-Welder Qualification Records, the Government may request to review and inspect the personnel qualification records at any time in performance of this contract. The contractor shall ensure that the weld inspectors meet these requirements:

- (a) Inspectors are certified in accordance with American Welding Society (AWS), Certified Welding Inspector (CWI), qualified and certified in accordance with provisions of AWS QC1, Standard for AWS Certified Welding Inspector;
- or
- (b) AWS Certified Associate Welding Inspector under the supervision of a CWI or a Level III;
- or
- (c) A welding inspector certification program that is substantially the same as offered by AWS. In this case, the inspector certification program must be reviewed and approved by a Government Quality Assurance Representative prior to approval;
- or
- (d) Inspection performed by a Welding Engineer who is certified in the use of weld inspection techniques and equipment, on the basis of formal training, experience, or both, in metals fabrication, inspection, and testing. In this case, the rules that apply for experience as specified for a CWI will apply.

E.1.4.2 Visual Weld Acceptance Criteria. Prior to Nondestructive testing, all weld quality shall pass visual inspection in accordance with the applicable AWS code titled "Quality of Welds, Visual Inspection." The acceptance criteria differs based on the design loads. The contractor's Design Engineer shall state what joints are critical load-bearing members and clearly identify these weldments for inspection purposes. In the case of critical structures, the visual acceptance criteria will be used as stated in AWS D1.1 and Class II structures for aluminum welds in accordance with AWS D1.2.

E.1.5 Nondestructive (NDT) Inspection. The contractor shall clearly identify all critical joints required for NDT other than visual inspection. The contractor shall provide welding procedures IAW CDRL A026-Welding Procedures.

E.1.5.1 Nondestructive Inspector. When NDT is required, the NDT inspector shall be qualified in accordance with the current addition of American Society for Nondestructive Testing Recommended Practice No. SNT-TC-1A. Only individuals qualified for NDT LEVEL I and working under the NDT LEVEL II or individuals qualified for NDT LEVEL II may perform nondestructive testing except visual examination. The NDT personnel need not be an AWS CWI. The contractor shall make available all NDT personnel qualification records upon request by the Government.

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E.1.6.2 Nondestructive Testing Acceptance Criteria. When NDT is required, the acceptance criteria shall be as stated in the applicable code. The acceptance criteria differ based on the design loads. The contractor shall state what joints are critical load bearing members and clearly identify these weldments for inspection purposes. In the case of critical structures, the acceptance criteria will be used as stated in AWS D1.1 and Class II structures for Aluminum welds in accordance with AWS D1.2

E.2 Inspection. The contractor shall allow Government representatives to witness any and all examinations and tests performed by the contractor under this contract.

E.3 Government First Article Testing (FAT)

The contractor shall deliver five FAT assets within 200 calendar days from the award date to the Government at Yuma Providing Grounds, Yuma, AZ 85365 for FAT units. The contractor shall ensure that the shipping documentation contains this contract number and the Lot/Item identification information. The FAT will consist of a Physical Configuration Audit, Performance Testing, and Reliability, Availability and Maintainability (RAM). Within 30 calendar days after receipt of test report, the PCO will send written notification to the contractor, to advise of conditional approval, approval, or disapproval of FAT assets.

a. Physical Configuration Audit. Physical Characterization of each selected Test Unit will be performed to verify conformance of each Test Unit to Attachment 0001- EHP Roller TDP. Physical Characteristics to be measured include but are not limited to: Major and Minor dimensions, weight, hose and cable routing and orientation, torque indicator on all fasteners.

b. Performance Test. The Government reserves the right to conduct a performance test of each selected Test Unit to verify conformance of each Test Unit to Attachment 0001- EHP Roller TDP.

c. Reliability, Availability, and Maintainability (RAM). RAM test data will be acquired during the FAT and scored following completion of up to 3000 miles per asset. The Government will conduct a scoring conference at the completion of the test. (See Attachment 0008- Roller Production Failure Definition and Scoring Criteria).

E.4 Contractor First Article Test

E.4.1 All FAT assets will be inspected to the TDP. The contractor shall correct any deficiency detected during FAT examination and testing at no cost to the Government prior to delivery of the EHP Roller to the Government test site for the Government FAT. Government acceptance of the FAT test assets shall not imply that the assets meet the performance requirements. Additionally, the requirement for the contractor to correct any deficiencies shall not excuse the contractor from meeting the required delivery schedule. The contractor shall not deliver any EHP Roller for Government FAT testing without successfully completing these requirements.

E.4.2 First Article Shipment

The contractor shall not ship any test EHP Roller from the contractors facility to the test site until:

(a) Government personnel has performed a complete inspection; and

(b) All deficiencies revealed by the Government inspection have been corrected by the contractor at no cost to the Government and these correction have been approved by the Government.

E.5 Government First Article Test.

E.5.1 The Government FAT will consist of a Physical Configuration Audit, Performance Testing, and RAM.

E.5.2 If the system fails the Government FAT, the contractor shall make all necessary changes to the failed system or select additional units for retesting at no cost to the Government. The Government may require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional cost to the Government related to retesting; the PCO will evaluate the circumstances on a case by case basis.

E.5.3 The contractor shall produce both the FAT and production EHP Rollers at the same facility. Any location change will require recertification of the production line.

E.6 Quality Conformance Inspection.

The contractor shall perform a Quality Conformance Inspection on each production EHP Roller to ensure it meets specification requirements prior to acceptance by the Government. Quality Conformance Inspection shall include all examinations and tests identified. Inspection records shall include a description of the inspection procedure, sequence of inspections, item identified by unique identification number, date of inspection, and clear indication that the EHP Roller passed or failed inspection. If failed, the contractor shall add a detailed note to the Inspection Record fully describing all actions taken to correct the failure. The contractor shall repeat the previously failed Quality Conformance inspection procedure and document the results on the Inspection record. Quality Conformance Inspection records shall be provided to the Government in accordance with CDRL A008-Final Inspection Report (FIR).

E.7 Manufacturing Standard

The contractor shall keep a representative EHP Roller at the manufacturing facility the manufacturing standard. The contractor shall maintain this asset in a serviceable condition and it shall

be representative of the approved product configuration baseline. The contractor shall use this manufacturing standard EHP Roller and make it the last EHP Roller shipped on an awarded Delivery Order. A manufacturing standard EHP Roller is one that has the most current updates, modifications or changes. If there are any updates or modifications made to the manufacturing standard, the contractor shall ensure all subsequent production EHP Rollers follow that standard in accordance with a modification to the base contract and affected Delivery Order.

E.8 Follow-On Production Test (FPT)

E.8.1 The Government may select any production EHP Roller for test at any time during the contract production period and subject test units to any and all examinations and required tests. The Government will perform the examinations and tests at a site. The Government may randomly select the test units that have already been accepted. NOTE: This unit selection will not include the previously accepted FAT units.

E.8.2 Follow on production test failure of the assets to meet any requirements shall be cause for rejection of the assets. The contractor shall document failures in a Corrective Action Report IAW CDRL A013. Additionally, the Government may refuse to continue acceptance of production assets until the contractor provides sufficient evidence that acceptable corrective action has been taken to eliminate the deficiency. The contractor shall correct deficiencies in subsequent production units at no cost to the Government.

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E.8.3 During the FPT, the contractor shall be responsible for the replacement of those parts which fail to satisfactorily perform during functional testing. The contractor shall furnish parts that have failed within 48 hours after notification at no cost to the Government.

E.8.4 At the Governments transportation expense, the FPT units which have successfully completed the test(s) may be returned to the contractor's facility for refurbishment. The contractor and the Government shall review the refurbishment requirements; the PCO may require the contractor to submit a proposal. If required, the parties shall negotiate and agree to the refurbishment costs on a case by case basis.

**E.9 Definition of Failure**

E.9.1 Failure for the purpose of First Article Testing (FAT) is defined as any incident resulting in:

- (1) Inability of the end item to meet all requirements.
- (2) Any item, part, assembly, or subassembly on the end item that does not function or operate as it is designed or intended; or
- (3) Damage to the item by continued operation not chargeable to operator error; or
- (4) Personnel safety hazard; or
- (5) Reduced item performance or interruption of test.

E.9.2 In the event of an EHP Roller or component test failure, the Government may require the contractor retest the failed asset or component. After a correction is made. The contractor may retest the failed asset or complete to test program requirements or to a lesser extent; the Government will advise the contractor in a written determination as approved by the PCO. The contractor shall be responsible for delays in the program test period resulting from EHP Roller or component failures or for failing to adequately or timely furnish parts. As a result, the Government may extend the specified program test period accordingly at no increase in contract price.

E.9.3 The contractor, when directed by PCO approval, shall correct on-site any failure of the system which occurs during testing. Resultant contract delivery schedule delays will not be a basis for contract schedule or price adjustments.

E.9.4 Failure for the purpose of FAT testing is defined as any incident resulting in noncompliance with applicable specification performance requirements, or reduced item performance or interruption of test. If failures are discovered during, or as a result of FAT testing, the Government will presume that all EHP Roller and components already produced prior to completion of FAT testing are similarly deficient. The contractor shall correct these deficiencies on all EHP Roller or components at no additional cost to the Government.

\*\*\* END OF NARRATIVE E0001 \*\*\*

**E.1 INSPECTION AND ACCEPTANCE POINTS: ORIGIN**

The Government's inspection and acceptance of the supplies offered under this contract/purchase order shall take place at ORIGIN. Offeror must specify below the exact name, address, and CAGE of the facility where supplies to be furnished under this contract/purchase order will be available for inspection/acceptance.

INSPECTION POINT: \_\_\_\_\_

(Name)	(CAGE)
(Address)	(City) (State) (Zip)

ACCEPTANCE POINT: \_\_\_\_\_

(Name)	(CAGE)
(Address)	(City) (State) (Zip)

**E.2 REQUIREMENTS FOR PRETREATMENTS AND CHEMICAL AGENT RESISTANT COATINGS LOCAL WARREN - PAINTED MATERIEL**

**(a) Scope**

(1) This clause applies to contracts requiring Chemical Conversion Coatings and Pretreatments for Metallic Substrates, Chemical Agent Resistant Coating (CARC), and their related materials. The requirements in this clause clarify and supplement those in the contract, unless nullified elsewhere in the contract or through an approved Request for Deviation.

(2) Coating qualification, spot paint repair, and MIL-DTL-16232 Phosphate Coating, Heavy, Manganese or Zinc Base coatings are not within the scope of this clause.

**(b) Definitions**

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(1) The contracting agency, appropriate agency, procuring authority, engineering authority, procuring agency, and procuring activity is the PCO or designee.

(2) The prime contractor is the company awarded this contract, and the subcontractors comprise all companies involved in providing coated parts to the prime contractor, including companies that apply the coatings.

(c) General Requirements Clarifications

(1) The government retains the right for onsite verification of the prime contractors and its subcontractors products, processes, procedures, and test reports.

(2) The prime contractor shall be responsible for itself and its subcontractors to produce and maintain detailed process control plans, process control data, pre-production approval testing, ongoing quality control & quality control testing, and test reports. This information shall be available upon government request.

(3) The prime contractor shall immediately notify the PCO and the Defense Contract Management Agency (DCMA) of any failure to meet preproduction and production requirements.

(4) Each cleaning method shall be treated as a separate step in the process documentation.

(5) The Gage Repeatability and Reproducibility (Gage R&R) error shall be less than 30 percent for all process and product measurement systems.

(6) Products with hexavalent chromium, including but not limited to certain fastener finishes, shall not be used. Additionally, CARC topcoats containing siliceous additives to control gloss are prohibited.

(7) CARC primer and CARC topcoat shall not be applied directly to bare metal or plastic, except as provided for in MIL-DTL-53072.

(8) If the contract specifies application of CARC materials over a non-CARC coating, then both CARC primer and CARC topcoat are required. The complete coating system shall meet the requirements for CARC defined in TT-C-490.

(9) Neutral salt spray (NSS) testing shall not be used to validate compliance with materiel life cycle requirements; NSS is a production quality test and does not predict field performance.

(d) Pre-Production Approval Clarifications

(1) Pre-production testing shall include:  
(i) Thickness of each layer of the coating system;  
(ii) Coating system adhesion;  
(iii) Salt spray performance; and  
(iv) For phosphate pretreatments, the phosphate coating weight, crystal size and shape, and scanning electron microscope photos of the phosphate coatings at 500x and 1000x magnification.

(2) Pre-production test samples shall be from the material used for production parts, pieces cut from production representative parts, or production representative parts. Standardized test coupons shall not be used.

(3) Nine samples shall be produced for the required testing and shall include: three cleaned and pretreated test samples, three samples with the complete paint system and, depending on the CARC paint system, either three samples with pretreatment plus primer or three samples with metal-rich primer plus primer.

(4) One or more ISO 17025 laboratories shall conduct pre-production testing on the nine test samples in accordance with (IAW) the applicable test method accreditations. The applicable ISO 17025 test method accreditations include ASTM B117 Salt Spray, ASTM B244 Thickness of Non-Conductive Coatings on Non-Magnetic Metals, ASTM B487 Measurement of Metal and Oxide Coating Thickness, ASTM B499 Thickness of Non-Conductive Coatings on Magnetic Metals, and ASTM D3359 Measuring Adhesion by Tape Test.

(5) Unless required elsewhere in the contract and specifications, the CARC coating system applied to hot and cold rolled steel shall meet a minimum of 336 hours neutral salt spray resistance IAW ASTM B117.

(6) Test procedures shall be submitted IAW the Contract Data Requirements List (CDRL) DI-NDTI-80603 documenting Pretreatment and Chemical Agent Resistant Coating procedures when this CDRL is included in the contract.

(7) Test reports from the ISO 17025 accredited labs shall be submitted for Pretreatment and Chemical Agent Resistant Coating testing specified in paragraph (d)(4) of this clause IAW the Contract Data Requirements List (CDRL) DI-NDTI-80809 when this CDRL is included in the contract.

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(e) Production Testing Clarifications

(1) At a minimum, ongoing production quality tests shall conducted and recorded daily for coating adhesion and coating thickness, and monthly for salt spray testing. Use of ISO accredited laboratories is optional for these ongoing tests of production parts.

(2) Production parts or pieces cut from production parts shall be used for ongoing production quality testing. Standardized test coupons shall not be used.

(3) Unless specified elsewhere in the contract and specifications, the CARC coating system applied to hot and cold rolled steel shall meet a minimum of 336 hours neutral salt spray resistance IAW ASTM B117.

E.3 NOTICE REGARDING FIRST ARTICLE

(a) Notwithstanding the provisions for waiver of first article, an additional first article sample (or portion thereof) may be ordered by the Contracting Officer in writing when (i) a major change is made to the technical data, (ii) whenever there is a lapse in production for a period in excess of one year, or (iii) whenever a change occurs in place of performance, manufacturing process, material used, drawing, specification or source of supply.

(b) When any of the conditions above occurs, the Contractor shall notify the Contracting Officer so that a determination can be made concerning the need for the additional first article sample (or portion thereof), and instructions can be provided concerning the submission, inspection, and notification of results.

(c) Costs of any additional testing and inspection resulting from conditions specified above shall be borne by the Contractor, unless the change was directed by the Government. Further, any production delays caused by additional testing and inspection will not be the basis for an excusable delay as defined in the default clause of this contract. Such delays shall not form the basis for adjustment in contract price or delivery schedule.

\*\*\* END OF NARRATIVE E0002 \*\*\*

**Name of Offeror or Contractor:**

## SECTION F - DELIVERIES OR PERFORMANCE

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
F-1	52.211-17	DELIVERY OF EXCESS QUANTITIES	SEP/1989
F-2	52.242-15	STOP-WORK ORDER	AUG/1989
F-3	52.242-17	GOVERNMENT DELAY OF WORK	APR/1984
F-4	52.247-34	F.O.B. DESTINATION	NOV/1991
F-5	52.247-48	F.O.B. DESTINATION--EVIDENCE OF SHIPMENT	FEB/1999
F-6	252.211-7008	USE OF GOVERNMENT-ASSIGNED SERIAL NUMBERS	SEP/2010
F-7	52.211-8	TIME OF DELIVERY	JUN/1997

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

### REQUIRED DELIVERY SCHEDULE

ITEM NO.	QUANTITY	WITHIN DAYS AFTER DATE OF CONTRACT
0011-0015	10/month	160 (subject to First Article Test (FAT) approval)
0021-0025	2/month	160 (Subject to FAT approval)
0031-0035	3/month	160 (Subject to FAT approval)
0041-0045	10/month	160 (subject to FAT approval)
0050	5	200
0060	5	200

The Government will evaluate equally, as regards time of delivery, offers that propose delivery of each quantity within the applicable delivery period specified above. Offers that propose delivery that will not clearly fall within the applicable required delivery period specified above, will be considered nonresponsive and rejected. The Government reserves the right to award under either the required delivery schedule or the proposed delivery schedule, when an offeror offers an earlier delivery schedule than required above. If the offeror proposes no other delivery schedule, the required delivery schedule above will apply.

## OFFERORS PROPOSED DELIVERY SCHEDULE

ITEM NO.	QUANTITY	WITHIN DAYS AFTER DATE OF CONTRACT
_____	_____	_____
_____	_____	_____

(b) Attention is directed to the Contract Award provision of the solicitation that provides that a written award or acceptance of offer mailed, or otherwise furnished to the successful offeror, results in a binding contract. The Government will mail or otherwise furnish to the offeror an award or notice of award not later than the day award is dated. Therefore, the offeror should compute the time available for performance beginning with the actual date of award, rather than the date the written notice of award is received from the Contracting Officer through the ordinary mails. However, the Government will evaluate an offer that proposes delivery based on the Contractor's date of receipt of the contract or notice of award by adding

(1) five calendar days for delivery of the award through the ordinary mails, or

(2) one working day if the solicitation states that the contract or notice of award will be transmitted electronically. (The term working day excludes weekends and U.S. Federal holidays.) If, as so computed, the offered delivery date is later than the required delivery date, the offer will be considered nonresponsive and rejected.

(End of Clause)

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F-8 252.211-7003 ITEM UNIQUE IDENTIFICATION AND VALUATION MAR/2016

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

"Automatic identification device" means a device, such as a reader or interrogator, used to retrieve data encoded on machine-readable media.

"Concatenated unique item identifier" means

(1) For items that are serialized within the enterprise identifier, the linking together of the unique identifier data elements in order of the issuing agency code, enterprise identifier, and unique serial number within the enterprise identifier; or

(2) For items that are serialized within the original part, lot, or batch number, the linking together of the unique identifier data elements in order of the issuing agency code; enterprise identifier; original part, lot, or batch number; and serial number within the original part, lot, or batch number.

"Data matrix" means a two-dimensional matrix symbology, which is made up of square or, in some cases, round modules arranged within a perimeter finder pattern and uses the Error Checking and Correction 200 (ECC200) specification found within International Standards Organization (ISO)/International Electrotechnical Commission (IEC) 16022.

"Data qualifier" means a specified character (or string of characters) that immediately precedes a data field that defines the general category or intended use of the data that follows.

"DoD recognized unique identification equivalent" means a unique identification method that is in commercial use and has been recognized by DoD. All DoD recognized unique identification equivalents are listed at [http://www.acq.osd.mil/dpap/pdi/uid/iuid\\_equivalents.html](http://www.acq.osd.mil/dpap/pdi/uid/iuid_equivalents.html) .

"DoD item unique identification" means a system of marking items delivered to DoD with unique item identifiers that have machine-readable data elements to distinguish an item from all other like and unlike items. For items that are serialized within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier and a unique serial number. For items that are serialized within the part, lot, or batch number within the enterprise identifier, the unique item identifier shall include the data elements of the enterprise identifier; the original part, lot, or batch number; and the serial number.

"Enterprise" means the entity (e.g., a manufacturer or vendor) responsible for assigning unique item identifiers to items.

"Enterprise identifier" means a code that is uniquely assigned to an enterprise by an issuing agency.

"Governments unit acquisition cost" means

(1) For fixed-price type line, subline, or exhibit line items, the unit price identified in the contract at the time of delivery;

(2) For cost-type or undefinitized line, subline, or exhibit line items, the Contractors estimated fully burdened unit cost to the Government at the time of delivery; and

(3) For items produced under a time-and-materials contract, the Contractors estimated fully burdened unit cost to the Government at the time of delivery.

"Issuing agency" means an organization responsible for assigning a globally unique identifier to an enterprise, as indicated in the Register of Issuing Agency Codes for ISO/IEC 15459, located at [http://www.aimglobal.org/?Reg\\_Authority15459](http://www.aimglobal.org/?Reg_Authority15459) .

"Issuing agency code" means a code that designates the registration (or controlling) authority for the enterprise identifier.

"Item" means a single hardware article or a single unit formed by a grouping of subassemblies, components, or constituent parts.

"Lot or batch number" means an identifying number assigned by the enterprise to a designated group of items, usually referred to as either a lot or a batch, all of which were manufactured under identical conditions.

"Machine-readable" means an automatic identification technology media, such as bar codes, contact memory buttons, radio frequency identification, or optical memory cards.

"Original part number" means a combination of numbers or letters assigned by the enterprise at item creation to a class of items with the same form, fit, function, and interface.

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"Parent item" means the item assembly, intermediate component, or subassembly that has an embedded item with a unique item identifier or DoD recognized unique identification equivalent.

"Serial number within the enterprise identifier" means a combination of numbers, letters, or symbols assigned by the enterprise to an item that provides for the differentiation of that item from any other like and unlike item and is never used again within the enterprise.

"Serial number within the part, lot, or batch number" means a combination of numbers or letters assigned by the enterprise to an item that provides for the differentiation of that item from any other like item within a part, lot, or batch number assignment.

"Serialization within the enterprise identifier" means each item produced is assigned a serial number that is unique among all the tangible items produced by the enterprise and is never used again. The enterprise is responsible for ensuring unique serialization within the enterprise identifier.

"Serialization within the part, lot, or batch number" means each item of a particular part, lot, or batch number is assigned a unique serial number within that part, lot, or batch number assignment. The enterprise is responsible for ensuring unique serialization within the part, lot, or batch number within the enterprise identifier.

"Type designation" means a combination of letters and numerals assigned by the Government to a major end item, assembly or subassembly, as appropriate, to provide a convenient means of differentiating between items having the same basic name and to indicate modifications and changes thereto.

"Unique item identifier" means a set of data elements marked on items that is globally unique and unambiguous. The term includes a concatenated unique item identifier or a DoD recognized unique identification equivalent.

"Unique item identifier type" means a designator to indicate which method of uniquely identifying a part has been used. The current list of accepted unique item identifier types is maintained at [http://www.acq.osd.mil/dpap/pdi/uid/uii\\_types.html](http://www.acq.osd.mil/dpap/pdi/uid/uii_types.html) .

(b) The Contractor shall deliver all items under a contract line, subline, or exhibit line item.

(c) Unique item identifier.

(1) The Contractor shall provide a unique item identifier for the following:

(i) Delivered items for which the Government's unit acquisition cost is \$5,000 or more, except for the following line items:

Contract Line, Subline, or Exhibit Line	Item Number	Item Description
____	N/A	____

(ii) Items for which the Government's unit acquisition cost is less than \$5,000 that are identified in the Schedule or the following table:

Contract Line, Subline, or Exhibit Line	Item Number	Item Description
____	N/A	____

(iii) Subassemblies, components, and parts embedded within delivered items, items with warranty requirements, DoD serially managed reparable and DoD serially managed nonreparable as specified in Attachment Number N/A.

(iv) Any item of special tooling or special test equipment as defined in FAR 2.101 that have been designated for preservation and storage for a Major Defense Acquisition Program as specified in Attachment Number N/A.

(v) Any item not included in paragraphs (c)(1)(i), (ii), (iii), or (iv) of this clause for which the contractor creates and marks a

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unique item identifier for traceability.

(2) The unique item identifier assignment and its component data element combination shall not be duplicated on any other item marked or registered in the DoD Item Unique Identification Registry by the contractor.

(3) The unique item identifier component data elements shall be marked on an item using two dimensional data matrix symbology that complies with ISO/IEC International Standard 16022, Information technology--International symbology specification--Data matrix; ECC200 data matrix specification.

(4) Data syntax and semantics of unique item identifiers. The Contractor shall ensure that--

(i) The data elements (except issuing agency code) of the unique item identifier are encoded within the data matrix symbol that is marked on the item using one of the following three types of data qualifiers, as determined by the Contractor:

(A) Application Identifiers (AIs) (Format Indicator 05 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(B) Data Identifiers (DIs) (Format Indicator 06 of ISO/IEC International Standard 15434), in accordance with ISO/IEC International Standard 15418, Information Technology--EAN/UCC Application Identifiers and Fact Data Identifiers and Maintenance and ANSI MH 10.8.2 Data Identifier and Application Identifier Standard.

(C) Text Element Identifiers (TEIs) (Format Indicator 12 of ISO/IEC International Standard 15434), in accordance with the Air Transport Association Common Support Data Dictionary; and

(ii) The encoded data elements of the unique item identifier conform to the transfer structure, syntax, and coding of messages and data formats specified for Format Indicators 05, 06, and 12 in ISO/IEC International Standard 15434, Information Technology-Transfer Syntax for High Capacity Automatic Data Capture Media.

(5) Unique item identifier.

(i) The Contractor shall--

(A) Determine whether to--

- (1) Serialize within the enterprise identifier;
- (2) Serialize within the part, lot, or batch number; or
- (3) Use a DoD recognized unique identification equivalent (e.g. Vehicle Identification Number); and

(B) Place the data elements of the unique item identifier (enterprise identifier; serial number; DoD recognized unique identification equivalent; and for serialization within the part, lot, or batch number only: Original part, lot, or batch number) on items requiring marking by paragraph (c)(1) of this clause, based on the criteria provided in MIL-STD-130, Identification Marking of U.S. Military Property, latest version;

(C) Label shipments, storage containers and packages that contain uniquely identified items in accordance with the requirements of MIL-STD-129, Military Marking for Shipment and Storage, latest version; and

(D) Verify that the marks on items and labels on shipments, storage containers, and packages are machine readable and conform to the applicable standards. The contractor shall use an automatic identification technology device for this verification that has been programmed to the requirements of Appendix A, MIL-STD-130, latest version.

(ii) The issuing agency code--

- (A) Shall not be placed on the item; and
- (B) Shall be derived from the data qualifier for the enterprise identifier.

(d) For each item that requires item unique identification under paragraph (c)(1)(i), (ii), or (iv) of this clause or when item unique identification is provided under paragraph (c)(1)(v), in addition to the information provided as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the Contractor shall report at the time of delivery, as part of the Material Inspection and Receiving Report, the following information:

(1) Unique item identifier.

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- (2) Unique item identifier type.
- (3) Issuing agency code (if concatenated unique item identifier is used).
- (4) Enterprise identifier (if concatenated unique item identifier is used).
- (5) Original part number (if there is serialization within the original part number).
- (6) Lot or batch number (if there is serialization within the lot or batch number).
- (7) Current part number (optional and only if not the same as the original part number).
- (8) Current part number effective date (optional and only if current part number is used).
- (9) Serial number (if concatenated unique item identifier is used).
- (10) Governments unit acquisition cost.
- (11) Unit of measure.
- (12) Type designation of the item as specified in the contract schedule, if any.
- (13) Whether the item is an item of Special Tooling or Special Test Equipment.
- (14) Whether the item is covered by a warranty.

(e) For embedded subassemblies, components, and parts that require DoD item unique identification under paragraph (c)(1)(iii) of this clause or when item unique identification is provided under paragraph (c)(1)(v), the Contractor shall report as part of the Material Inspection and Receiving Report specified elsewhere in this contract, the following information:

- (1) Unique item identifier of the parent item under paragraph (c)(1) of this clause that contains the embedded subassembly, component, or part.
- (2) Unique item identifier of the embedded subassembly, component, or part.
- (3) Unique item identifier type.\*\*
- (4) Issuing agency code (if concatenated unique item identifier is used).\*\*
- (5) Enterprise identifier (if concatenated unique item identifier is used).\*\*
- (6) Original part number (if there is serialization within the original part number).\*\*
- (7) Lot or batch number (if there is serialization within the lot or batch number).\*\*
- (8) Current part number (optional and only if not the same as the original part number).\*\*
- (9) Current part number effective date (optional and only if current part number is used).\*\*
- (10) Serial number (if concatenated unique item identifier is used).\*\*
- (11) Description.

\*\* Once per item.

(f) The Contractor shall submit the information required by paragraphs (d) and (e) of this clause as follows:

(1) End items shall be reported using the receiving report capability in Wide Area WorkFlow (WAWF) in accordance with the clause at 252.232-7003. If WAWF is not required by this contract, and the contractor is not using WAWF, follow the procedures at <http://dodprocurementtoolbox.com/site/uidregistry/> .

(2) Embedded items shall be reported by one of the following methods--

- (i) Use of the embedded items capability in WAWF;

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(ii) Direct data submission to the IUID Registry following the procedures and formats at <http://dodprocurementtoolbox.com/site/uidregistry/> ; or

(iii) Via WAWF as a deliverable attachment for exhibit line item number N/A, Unique Item Identifier Report for Embedded Items, Contract Data Requirements List, DD Form 1423.

(g) Subcontracts. If the Contractor acquires by contract any items for which item unique identification is required in accordance with paragraph (c)(1) of this clause, the Contractor shall include this clause, including this paragraph (g), in the applicable subcontract(s), including subcontracts for commercial items.

(End of clause)

F.1 LONG TERM CONTRACTS - FOB DESTINATION

For the purpose of offerors compiling FOB Destination offers, the final destination for the supplies will be one or more of the following destinations; in the following estimated percentages, if listed: Blue Grass Army Depot, KY

\*\*\* END OF NARRATIVE F0001 \*\*\*

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**Name of Offeror or Contractor:**

SECTION G - CONTRACT ADMINISTRATION DATA

Regulatory Cite	Title	Date
G-1	252.232-7006 WIDE AREA WORKFLOW PAYMENT INSTRUCTIONS	DEC/2018
(a) Definitions. As used in this clause--		
<p>"Department of Defense Activity Address Code (DoDAAC)" is a six position code that uniquely identifies a unit, activity, or organization.</p> <p>"Document type" means the type of payment request or receiving report available for creation in Wide Area WorkFlow (WAWF).</p> <p>"Local processing office (LPO)" is the office responsible for payment certification when payment certification is done external to the entitlement system.</p> <p>"Payment request" and "receiving report" are defined in the clause at 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports.</p>		
(b) Electronic invoicing. The WAWF system provides the method to electronically process vendor payment requests and receiving reports, as authorized by Defense Federal Acquisition Regulation Supplement (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 <a href="https://www.sam.gov">https://www.sam.gov</a> ; and		
(2) Be registered to use WAWF at <a href="https://wawf.eb.mil/">https://wawf.eb.mil/</a> 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 <a href="https://wawf.eb.mil/">https://wawf.eb.mil/</a> .		
(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 shall use the following information when submitting payment requests and receiving reports in WAWF for this contract or task or delivery order:		
(1) Document type. The Contractor shall submit payment requests using the following document type(s):		
(i) For cost-type line items, including labor-hour or time-and-materials, submit a cost voucher.		
(ii) For fixed price line items--		
(A) That require shipment of a deliverable, submit the invoice and receiving report specified by the Contracting Officer.		
(B) For services that do not require shipment of a deliverable, submit either the Invoice 2in1, which meets the requirements for the invoice and receiving report, or the applicable invoice and receiving report, as specified by the Contracting Officer.		
Combo		
(iii) For customary progress payments based on costs incurred, submit a progress payment request.		
(iv) For performance based payments, submit a performance based payment request.		
(v) For commercial item financing, submit a commercial item financing request.		
(2) Fast Pay requests are only permitted when Federal Acquisition Regulation (FAR) 52.213-1 is included in the contract.		
[Note: The Contractor may use a WAWF "combo" document type to create some Combinations of invoice and receiving report in one step.]		
(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.		

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Routing Data Table\*

Field Name in WAWF	Data to be entered in WAWF
Pay Official DoDAAC	TBD
Issue By DoDAAC	TBD
Admin DoDAAC	TBD
Inspect By DoDAAC	See Schedule
Ship To Code	See Schedule
Ship From Code	See Schedule
Mark For Code	N/A
Service Approver (DoDAAC)	N/A
Service Acceptor (DoDAAC)	N/A
Accept at Other DoDAAC	N/A
LPO DoDAAC	N/A
DCAA Auditor DoDAAC	N/A
Other DoDAAC(s)	N/A

(4) Payment request. The Contractor shall ensure a payment request includes documentation appropriate to the type of payment request in accordance with the payment clause, contract financing clause, or Federal Acquisition Regulation 52.216-7, Allowable Cost and Payment, as applicable.

(5) Receiving report. The Contractor shall ensure a receiving report meets the requirements of DFARS Appendix F.

(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.

N/A

(2) Contact the WAWF helpdesk at 866-618-5988, if assistance is needed.

(End of clause)

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## SECTION I - CONTRACT CLAUSES

	Regulatory Cite	Title	Date
I-1	52.202-1	DEFINITIONS	NOV/2013
I-2	52.203-3	GRATUITIES	APR/1984
I-3	52.203-5	COVENANT AGAINST CONTINGENT FEES	MAY/2014
I-4	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	SEP/2006
I-5	52.203-7	ANTI-KICKBACK PROCEDURES	MAY/2014
I-6	52.203-8	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	MAY/2014
I-7	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	MAY/2014
I-8	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	OCT/2010
I-9	52.203-19	PROHIBITION ON REQUIRING CERTAIN INTERNAL CONFIDENTIALITY AGREEMENTS OR STATEMENTS	JAN/2017
I-10	52.204-4	PRINTED OR COPIED DOUBLE-SIDED ON POSTCONSUMER FIBER CONTENT PAPER	MAY/2011
I-11	52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL	JAN/2011
I-12	52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS	OCT/2018
I-13	52.204-13	SYSTEM FOR AWARD MANAGEMENT MAINTENANCE	OCT/2018
I-14	52.204-18	COMMERCIAL AND GOVERNMENT ENTITY CODE MAINTENANCE	JUL/2016
I-15	52.204-23	PROHIBITION ON CONTRACTING FOR HARDWARE, SOFTWARE, AND SERVICES DEVELOPED OR PROVIDED BY KASPERSKY LAB AND OTHER COVERED ENTITIES	JUL/2018
I-16	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	OCT/2015
I-17	52.209-9	UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS	OCT/2018
I-18	52.209-10	PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS	NOV/2015
I-19	52.210-1	MARKET RESEARCH	APR/2011
I-20	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
I-21	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	APR/2008
I-22	52.215-2	AUDIT AND RECORDS--NEGOTIATIONS	OCT/2010
I-23	52.215-8	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT	OCT/1997
I-24	52.215-14	INTEGRITY OF UNIT PRICES	OCT/2010
I-25	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	OCT/2018
I-26	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
I-27	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	JAN/2018
I-28	52.222-20	CONTRACTS FOR MATERIALS, SUPPLIES, ARTICLES, AND EQUIPMENT EXCEEDING \$15,000	MAY/2014
I-29	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	APR/2015
I-30	52.222-26	EQUAL OPPORTUNITY	SEP/2016
I-31	52.222-37	EMPLOYMENT REPORTS ON VETERANS	FEB/2016
I-32	52.222-40	NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT	DEC/2010
I-33	52.222-50	COMBATING TRAFFICKING IN PERSONS	JAN/2019
I-34	52.222-54	EMPLOYMENT ELIGIBILITY VERIFICATION	OCT/2015
I-35	52.223-6	DRUG-FREE WORKPLACE	MAY/2001
I-36	52.223-18	ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING	AUG/2011
I-37	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUN/2008
I-38	52.227-1	AUTHORIZATION AND CONSENT	DEC/2007
I-39	52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT	DEC/2007
I-40	52.227-3	PATENT INDEMNITY	APR/1984
I-41	52.229-3	FEDERAL, STATE, AND LOCAL TAXES	FEB/2013
I-42	52.232-1	PAYMENTS	APR/1984
I-43	52.232-8	DISCOUNTS FOR PROMPT PAYMENT	FEB/2002
I-44	52.232-11	EXTRAS	APR/1984
I-45	52.232-17	INTEREST	MAY/2014
I-46	52.232-23	ASSIGNMENT OF CLAIMS (MAY 2014) -- ALTERNATE I (APR 1984)	APR/1984
I-47	52.232-25	PROMPT PAYMENT	JAN/2017
I-48	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--SYSTEM FOR AWARD MANAGEMENT	OCT/2018
I-49	52.232-39	UNENFORCEABILITY OF UNAUTHORIZED OBLIGATIONS	JUN/2013
I-50	52.232-40	PROVIDING ACCELERATED PAYMENTS TO SMALL BUSINESS SUBCONTRACTORS	DEC/2013
I-51	52.233-1	DISPUTES	MAY/2014
I-52	52.233-3	PROTEST AFTER AWARD	AUG/1996
I-53	52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM	OCT/2004
I-54	52.242-13	BANKRUPTCY	JUL/1995
I-55	52.243-1	CHANGES--FIXED PRICE	AUG/1987

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I-56	52.244-5	COMPETITION IN SUBCONTRACTING	DEC/1996
I-57	52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS	JAN/2019
I-58	52.246-24	LIMITATION OF LIABILITY--HIGH-VALUE ITEMS	FEB/1997
I-59	52.247-63	PREFERENCE FOR U.S.-FLAG AIR CARRIERS	JUN/2003
I-60	52.247-68	REPORT OF SHIPMENT (REPSHIP)	FEB/2006
I-61	52.248-1	VALUE ENGINEERING	OCT/2010
I-62	52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)	APR/2012
I-63	52.249-8	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)	APR/1984
I-64	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
I-65	252.203-7000	REQUIREMENTS RELATING TO COMPENSATION OF FORMER DOD OFFICIALS	SEP/2011
I-66	252.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE-CONTRACT-RELATED FELONIES	DEC/2008
I-67	252.203-7002	REQUIREMENT TO INFORM EMPLOYEES OF WHISTLEBLOWER RIGHTS	SEP/2013
I-68	252.203-7003	AGENCY OFFICE OF THE INSPECTOR GENERAL	DEC/2012
I-69	252.203-7004	DISPLAY OF HOTLINE POSTERS	OCT/2016
I-70	252.204-7000	DISCLOSURE OF INFORMATION	OCT/2016
I-71	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
I-72	252.204-7006	BILLING INSTRUCTIONS	OCT/2005
I-73	252.204-7012	SAFEGUARDING COVERED DEFENSE INFORMATION AND CYBER INCIDENT REPORTING	OCT/2016
I-74	252.204-7015	NOTICE OF AUTHORIZED DISCLOSURE OF INFORMATION FOR LITIGATION SUPPORT	MAY/2016
I-75	252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS	DEC/1991
I-76	252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY	OCT/2015
I-77	252.222-7006	RESTRICTIONS ON THE USE OF MANDATORY ARBITRATION AGREEMENTS	DEC/2010
I-78	252.223-7008	PROHIBITION OF HEXAVALENT CHROMIUM	JUN/2013
I-79	252.225-7001	BUY AMERICAN AND BALANCE OF PAYMENTS PROGRAM--BASIC	DEC/2017
I-80	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	DEC/2017
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I-88	252.225-7048	EXPORT-CONTROLLED ITEMS	JUN/2013
I-89	252.226-7001	UTILIZATION OF INDIAN ORGANIZATIONS, INDIAN-OWNED ECONOMIC ENTERPRISES, AND NATIVE HAWAIIAN SMALL BUSINESS CONCERNS	SEP/2004
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I-93	252.231-7000	SUPPLEMENTAL COST PRINCIPLES	DEC/1991
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I-97	252.243-7002	REQUESTS FOR EQUITABLE ADJUSTMENT	DEC/2012
I-98	252.244-7000	SUBCONTRACTS FOR COMMERCIAL ITEMS	JUN/2013
I-99	252.247-7023	TRANSPORTATION OF SUPPLIES BY SEA--BASIC	APR/2014
I-100	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 5 unit(s) of Lot/Item 0050 within 200 calendar days from the date of this contract to the Government at Yuma Proving Grounds, AZ 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 190 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

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reasons for the disapproval.

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

I-101                      52.216-19                      ORDER LIMITATIONS                      OCT/1995

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than one, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor --

(1) Any order for a single item in excess of 100;

(2) Any order for a combination of items in excess of 200; or

(3) A series of orders from the same ordering office within 30 days that together call for quantities exceeding the limitation in subparagraph (b)(1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.

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(d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 15 days after issuance, with written notice stating the Contractors intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of Clause)

I-102                      52.216-22                      INDEFINITE QUANTITY                      OCT/1995

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the maximum. The Government shall order at least the quantity of supplies or services designated in the Schedule as the minimum.

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contracts effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after six and one half years after contract award.

(End of Clause)

I-103                      252.216-7006                      ORDERING                      MAY/2011

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the contract schedule. Such orders may be issued from date of contract award through five years from the date of contract award.

(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.

(c)(1) If issued electronically, the order is considered "issued" when a copy has been posted to the Electronic Document Access system, and notice has been sent to the Contractor.

(2) If mailed or transmitted by facsimile, a delivery order or task order is considered "issued" when the Government deposits the order in the mail or transmits by facsimile. Mailing includes transmittal by U.S. mail or private delivery services.

(3) Orders may be issued orally only if authorized in the schedule.

(End of Clause)

I-104                      52.203-13                      CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT                      OCT/2015

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

"Agent" means any individual, including a director, an officer, an employee, or an independent Contractor, authorized to act on behalf of the organization.

"Full cooperation"--

(1) Means disclosure to the Government of the information sufficient for law enforcement to identify the nature and extent of the offense and the individuals responsible for the conduct. It includes providing timely and complete response to Government auditors and investigators' request for documents and access to employees with information;

(2) Does not foreclose any Contractor rights arising in law, the FAR, or the terms of the contract. It does not require--

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- (i) A Contractor to waive its attorney-client privilege or the protections afforded by the attorney work product doctrine; or
- (ii) Any officer, director, owner, or employee of the Contractor, including a sole proprietor, to waive his or her attorney client privilege or Fifth Amendment rights; and
- (3) Does not restrict a Contractor from--
  - (i) Conducting an internal investigation; or
  - (ii) Defending a proceeding or dispute arising under the contract or related to a potential or disclosed violation.

"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).

"Subcontract" means any contract entered into by a subcontractor to furnish supplies or services for performance of a prime contract or a subcontract.

"Subcontractor" means any supplier, distributor, vendor, or firm that furnished supplies or services to or for a prime contractor or another subcontractor.

"United States," means the 50 States, the District of Columbia, and outlying areas.

- (b) Code of business ethics and conduct.
  - (1) Within 30 days after contract award, unless the Contracting Officer establishes a longer time period, the Contractor shall--
    - (i) Have a written code of business ethics and conduct; and
    - (ii) Make a copy of the code available to each employee engaged in performance of the contract.
  - (2) The Contractor shall--
    - (i) Exercise due diligence to prevent and detect criminal conduct; and
    - (ii) Otherwise promote an organizational culture that encourages ethical conduct and a commitment to compliance with the law.
  - (3)(i) The Contractor shall timely disclose, in writing, to the agency Office of the Inspector General (OIG), with a copy to the Contracting Officer, whenever, in connection with the award, performance, or closeout of this contract or any subcontract thereunder, the Contractor has credible evidence that a principal, employee, agent, or subcontractor of the Contractor has committed--
    - (A) A violation of Federal criminal law involving fraud, conflict of interest, bribery, or gratuity violations found in Title 18 of the United States Code; or
    - (B) A violation of the civil False Claims Act (31 U.S.C. 3729-3733).
  - (ii) The Government, to the extent permitted by law and regulation, will safeguard and treat information obtained pursuant to the Contractors disclosure as confidential where the information has been marked confidential or proprietary by the company. To the extent permitted by law and regulation, such information will not be released by the Government to the public pursuant to a Freedom of Information Act request, 5 U.S.C. Section 552, without prior notification to the Contractor. The Government may transfer documents provided by the Contractor to any department or agency within the Executive Branch if the information relates to matters within the organizations jurisdiction.

- (iii) If the violation relates to an order against a Governmentwide acquisition contract, a multi-agency contract, a multiple-award schedule contract such as the Federal Supply Schedule, or any other procurement instrument intended for use by multiple agencies, the Contractor shall notify the OIG of the ordering agency and the IG of the agency responsible for the basic contract.

- (c) Business ethics awareness and compliance program and internal control system. This paragraph (c) does not apply if the Contractor has represented itself as a small business concern pursuant to the award of this contract or if this contract is for the acquisition of a commercial item as defined at FAR 2.101. The Contractor shall establish the following within 90 days after contract award, unless the Contracting Officer establishes a longer time period:
  - (1) An ongoing business ethics awareness and compliance program.
    - (i) This program shall include reasonable steps to communicate periodically and in a practical manner the Contractors standards and

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procedures and other aspects of the Contractors business ethics awareness and compliance program and internal control system, by conducting effective training programs and otherwise disseminating information appropriate to an individuals respective roles and responsibilities.

(ii) The training conducted under this program shall be provided to the Contractors principals and employees, and as appropriate, the Contractors agents and subcontractors.

(2) An internal control system.

(i) The Contractors internal control system shall--

(A) Establish standards and procedures to facilitate timely discovery of improper conduct in connection with Government contracts; and

(B) Ensure corrective measures are promptly instituted and carried out.

(ii) At a minimum, the Contractors internal control system shall provide for the following:

(A) Assignment of responsibility at a sufficiently high level and adequate resources to ensure effectiveness of the business ethics awareness and compliance program and internal control system.

(B) Reasonable efforts not to include an individual as a principal, whom due diligence would have exposed as having engaged in conduct that is in conflict with the Contractors code of business ethics and conduct.

(C) Periodic reviews of company business practices, procedures, policies, and internal controls for compliance with the Contractors code of business ethics and conduct and the special requirements of Government contracting, including--

(1) Monitoring and auditing to detect criminal conduct;

(2) Periodic evaluation of the effectiveness of the business ethics awareness and compliance program and internal control system, especially if criminal conduct has been detected; and

(3) Periodic assessment of the risk of criminal conduct, with appropriate steps to design, implement, or modify the business ethics awareness and compliance program and the internal control system as necessary to reduce the risk of criminal conduct identified through this process.

(D) An internal reporting mechanism, such as a hotline, which allows for anonymity or confidentiality, by which employees may report suspected instances of improper conduct, and instructions that encourage employees to make such reports.

(E) Disciplinary action for improper conduct or for failing to take reasonable steps to prevent or detect improper conduct.

(F) Timely disclosure, in writing, to the agency OIG, with a copy to the Contracting Officer, whenever, in connection with the award, performance, or closeout of any Government contract performed by the Contractor or a subcontract thereunder, the Contractor has credible evidence that a principal, employee, agent, or subcontractor of the Contractor has committed a violation of Federal criminal law involving fraud, conflict of interest, bribery, or gratuity violations found in Title 18 U.S.C. or a violation of the civil False Claims Act (31 U.S.C. 3729-3733).

(1) If a violation relates to more than one Government contract, the Contractor may make the disclosure to the agency OIG and Contracting Officer responsible for the largest dollar value contract impacted by the violation.

(2) If the violation relates to an order against a Governmentwide acquisition contract, a multi-agency contract, a multiple-award schedule contract such as the Federal Supply Schedule, or any other procurement instrument intended for use by multiple agencies, the contractor shall notify the OIG of the ordering agency and the IG of the agency responsible for the basic contract, and the respective agencies contracting officers.

(3) The disclosure requirement for an individual contract continues until at least 3 years after final payment on the contract.

(4) The Government will safeguard such disclosures in accordance with paragraph (b)(3)(ii) of this clause.

(G) Full cooperation with any Government agencies responsible for audits, investigations, or corrective actions.

(d) Subcontracts.

(1) The Contractor shall include the substance of this clause, including this paragraph (d), in subcontracts that have a value in excess of \$5,500,000 and a performance period of more than 120 days.

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(2) In altering this clause to identify the appropriate parties, all disclosures of violation of the civil False Claims Act or of Federal criminal law shall be directed to the agency Office of the Inspector General, with a copy to the Contracting Officer.

(End of clause)

I-105 52.204-19 INCORPORATION BY REFERENCE OF REPRESENTATIONS AND CERTIFICATIONS DEC/2014  
The Contractor's representations and certifications, including those completed electronically via the System for Award Management (SAM), are incorporated by reference into the contract.

(End of clause)

I-106 52.219-6 NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE (DEVIATION 2019-00003) DEC/2018  
(a) Definition. "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 size standards in this solicitation.

(b) Applicability. This clause applies only to--

- (1) Contracts that have been totally set aside or reserved for small business concerns; and
- (2) Orders set aside for small business concerns under multiple-award contracts as described in 8.405-5 and 16.505(b)(2)(i)(F).

(c) General.

(1) Offers are solicited only from small business concerns. Offers received from concerns that are not small business concerns shall be considered nonresponsive and will be rejected.

(2) Any award resulting from this solicitation will be made to a small business concern.

(d) Agreement.

(1) For a contract at or below the simplified acquisition threshold, a small business concern may provide the end item of any domestic firm. For a contract exceeding the simplified acquisition threshold, a small business concern that provides an end item it did not manufacture, process, or produce, shall--

- (i) Provide an end item that a small business has manufactured, processed, or produced in the United States or its outlying areas;
- (ii) Be primarily engaged in the retail or wholesale trade and normally sell the type of item being supplied; and
- (iii) Take ownership or possession of the item(s) with its personnel, equipment, or facilities in a manner consistent with industry practice; for example, providing storage, transportation, or delivery.

(2) Paragraph (d)(1) of this clause does not apply to construction or service contracts.

(End of clause)

I-107 52.219-14 LIMITATIONS ON SUBCONTRACTING (DEVIATION 2019-00003) DEC/2018  
(a) This clause does not apply to the unrestricted portion of a partial set-aside.

(b) Definition. As used in this clause--

"Similarly situated entity" means a first-tier subcontractor, including an independent contractor, that has the same small business program status as that which qualified the prime contractor for the award and that is considered small for the NAICS code the prime contractor assigned to the subcontract the subcontractor will perform. An example of a similarly situated entity is a first-tier subcontractor that is a HUBZone small business concern for a HUBZone set-aside or sole source award under the HUBZone Program.

(c) Applicability. This clause applies only to--

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- (1) Contracts that have been set aside or reserved for small business concerns or 8(a) participants;
- (2) Part or parts of a multiple-award contract that have been set aside for small business concerns or 8(a) participants; and
- (3) Orders set aside for small business or 8(a) participants under multiple-award contracts as described in 8.405-5 and 16.505(b)(2)(i)(F).
- (d) Independent contractors. An independent contractor shall be considered a subcontractor.
- (e) Agreement. By submission of an offer and execution of a contract, the Offeror/Contractor agrees in performance of the contract in the case of a contract for--
- (1) Services (except construction), it will not pay more than 50 percent of the amount paid by the Government for contract performance to subcontractors that are not similarly situated entities. Any work that a similarly situated entity further subcontracts will count toward the 50 percent subcontract amount that cannot be exceeded;
- (2) Supplies (other than procurement from a nonmanufacturer of such supplies), it will not pay more than 50 percent of the amount paid by the Government for contract performance, excluding the cost of materials, to subcontractors that are not similarly situated entities. Any work that a similarly situated entity further subcontracts will count toward the 50 percent subcontract amount that cannot be exceeded;
- (3) General construction, it will not pay more than 85 percent of the amount paid by the Government for contract performance, excluding the cost of materials, to subcontractors that are not similarly situated entities. Any work that a similarly situated entity further subcontracts will count toward the 85 percent subcontract amount that cannot be exceeded; or
- (4) Construction by special trade contractors, it will not pay more than 75 percent of the amount paid by the Government for contract performance, excluding the cost of materials, to subcontractors that are not similarly situated entities. Any work that a similarly situated entity further subcontracts will count toward the 75 percent subcontract amount that cannot be exceeded.
- (f) A joint venture agrees that, in the performance of the contract, the applicable percentage specified in paragraph (e) of this clause will be performed by the aggregate of the joint venture participants.

(End of clause)

I-108 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION JUL/2013

- (a) Definitions. As used in this clause--
- "Long-term contract" means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.
- "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 the size standard in paragraph (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.
- (b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:
- (1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.
- (2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.
- (3) For long-term contracts
- (i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

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(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/content/table-small-business-size-standards>

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the representation required by paragraph (b) of this clause by validating or updating all its representations in the Representations and Certifications section of the System for Award Management (SAM) and its other data in SAM, as necessary, to ensure that they reflect the Contractor's current status. The Contractor shall notify the contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in SAM, or does not have a representation in SAM for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it [ ] is, [ ] is not a small business concern under NAICS Code \_\_\_\_\_ assigned to contract number \_\_\_\_\_. [Contractor to sign and date and insert authorized signer's name and title].

(End of clause)

I-109 52.222-35 EQUAL OPPORTUNITY FOR VETERANS OCT/2015  
(a) Definitions. As used in this clause--

"Active duty wartime or campaign badge veteran," "Armed Forces service medal veteran," "disabled veteran," "protected veteran," "qualified disabled veteran," and "recently separated veteran" have the meanings given at FAR 22.1301.

(b) Equal opportunity clause. The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60-300.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified protected veterans, and requires affirmative action by the Contractor to employ and advance in employment qualified protected veterans.

(c) Subcontracts. The Contractor shall insert the terms of this clause in subcontracts of \$150,000 or more unless exempted by rules, regulations, or orders of the Secretary of Labor. The Contractor shall act as specified by the Director, Office of Federal Contract Compliance Programs, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate to identify properly the parties and their undertakings.

(End of clause)

I-110 52.222-36 EQUAL OPPORTUNITY FOR WORKERS WITH DISABILITIES JUL/2014  
(a) Equal opportunity clause. The Contractor shall abide by the requirements of the equal opportunity clause at 41 CFR 60-741.5(a), as of March 24, 2014. This clause prohibits discrimination against qualified individuals on the basis of disability, and requires affirmative action by the Contractor to employ and advance in employment qualified individuals with disabilities.

(b) Subcontracts. The Contractor shall include the terms of this clause in every subcontract or purchase order in excess of \$15,000 unless exempted by rules, regulations, or orders of the Secretary, so that such provisions will be binding upon each subcontractor or vendor. The Contractor shall act as specified by the Director, Office of Federal Contract Compliance Programs of the U.S. Department of Labor, to enforce the terms, including action for noncompliance. Such necessary changes in language may be made as shall be appropriate to identify properly the parties and their undertakings.

(End of clause)

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I-111                      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.

(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)

I-112                      52.223-11                      OZONE-DEPLETING SUBSTANCES AND HIGH GLOBAL WARMING POTENTIAL  
HYDROFLUOROCARBONS                      JUN/2016

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

"Global warming potential" means how much a given mass of a chemical contributes to global warming over a given time period compared to the same mass of carbon dioxide. Carbon dioxide's global warming potential is defined as 1.0.

"High global warming potential hydrofluorocarbons" means any hydrofluorocarbons in a particular end use for which EPA's Significant New

**Name of Offeror or Contractor:**

Alternatives Policy (SNAP) program has identified other acceptable alternatives that have lower global warming potential. The SNAP list of alternatives is found at 40 CFR part 82, subpart G, with supplemental tables of alternatives available at (<http://www.epa.gov/snap/>).

"Hydrofluorocarbons" means compounds that only contain hydrogen, fluorine, and carbon.

"Ozone-depleting substance" 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 that contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), (d), and (e) 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).

(c) Reporting. For equipment and appliances that normally each contain 50 or more pounds of hydrofluorocarbons or refrigerant blends containing hydrofluorocarbons, the Contractor shall--

(1) Track on an annual basis, between October 1 and September 30, the amount in pounds of hydrofluorocarbons or refrigerant blends containing hydrofluorocarbons contained in the equipment and appliances delivered to the Government under this contract by--

- (i) Type of hydrofluorocarbon (e.g., HFC-134a, HFC-125, R-410A, R-404A, etc.);
- (ii) Contract number; and
- (iii) Equipment/appliance;
- (2) Report that information to the Contracting Officer for FY16 and to <http://www.sam.gov/>, for FY17 and after--
- (i) Annually by November 30 of each year during contract performance; and
- (ii) At the end of contract performance.

(d) The Contractor shall refer to EPA's SNAP program (available at <http://www.epa.gov/snap>) to identify alternatives. The SNAP list of alternatives is found at 40 CFR part 82, subpart G, with supplemental tables available at <http://www.epa.gov/snap>.

(End of clause)

I-113                    52.223-20                    AEROSOLS  
(a) Definitions. As used in this clause--

JUN/2016

"Global warming potential" means how much a given mass of a chemical contributes to global warming over a given time period compared to the same mass of carbon dioxide. Carbon dioxide's global warming potential is defined as 1.0.

"High global warming potential hydrofluorocarbons" means any hydrofluorocarbons in a particular end use for which EPA's Significant New Alternatives Policy (SNAP) program has identified other acceptable alternatives that have lower global warming potential. The SNAP list of alternatives is found at 40 CFR part 82, subpart G, with supplemental tables of alternatives available at <http://www.epa.gov/snap/>.

"Hydrofluorocarbons" means compounds that contain only hydrogen, fluorine, and carbon.

(b) Unless otherwise specified in the contract, the Contractor shall reduce its use, release, or emissions of high global warming potential hydrofluorocarbons, when feasible, from aerosol propellants or solvents under this contract. When determining feasibility of using a particular alternative, the Contractor shall consider environmental, technical, and economic factors such as--

- (1) In-use emission rates, energy efficiency;
- (2) Safety, such as flammability or toxicity;
- (3) Ability to meet technical performance requirements; and

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(4) Commercial availability at a reasonable cost.

(c) The Contractor shall refer to EPA's SNAP program to identify alternatives. The SNAP list of alternatives is found at 40 CFR part 82, subpart G, with supplemental tables available at <http://www.epa.gov/snap/>.

(End of clause)

I-114 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://farsite.hill.af.mil/> or <https://www.acquisition.gov/>

(End of Clause)

I-115 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 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 Federal Acquisition Regulation Supplement (48 CFR Chapter 2) clause with an authorized deviation is indicated by the addition of "(DEVIATION)" after the name of the regulation.

(End of Clause)

I-116 252.211-7005 SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS NOV/2005

(a) Definition. SPI process, as used in this clause, means a management or manufacturing process that has been accepted previously by the Department of Defense under the Single Process Initiative (SPI) for use in lieu of a specific military or Federal specification or standard at specific facilities. Under SPI, these processes are reviewed and accepted by a Management Council, which includes representatives of the Contractor, the Defense Contract Management Agency, the Defense Contract Audit Agency, and the military departments.

(b) Offerors are encouraged to propose SPI processes in lieu of military or Federal specifications and standards cited in the solicitation. A listing of SPI processes accepted at specific facilities is available via the Internet at [http://guidebook.dcmi.mil/20/guidebook\\_process.htm](http://guidebook.dcmi.mil/20/guidebook_process.htm) (paragraph 4.2).

(c) An offeror proposing to use an SPI process in lieu of military or Federal specifications or standards cited in the solicitation shall

(1) Identify the specific military or Federal specification or standard for which the SPI process has been accepted;

(2) Identify each facility at which the offeror proposes to use the specific SPI process in lieu of military or Federal specifications or standards cited in the solicitation;

(3) Identify the contract line items, subline items, components, or elements affected by the SPI process; and

(4) If the proposed SPI process has been accepted at the facility at which it is proposed for use, but is not yet listed at the Internet site specified in paragraph (b) of this clause, submit documentation of Department of Defense acceptance of the SPI process.

(d) Absent a determination that an SPI process is not acceptable for this procurement, the Contractor shall use the following SPI processes in lieu of military or Federal specifications or standards:

(Offeror insert information for each SPI process)

Name of Offeror or Contractor:

SPI Process:

Facility:

Military or Federal Specification or Standard:

Affected Contract Line Item Number, Subline Item Number, Component, or Element:

(e) If a prospective offeror wishes to obtain, prior to the time specified for receipt of offers, verification that an SPI process is an acceptable replacement for military or Federal specifications or standards required by the solicitation, the prospective offeror

(1) May submit the information required by paragraph (d) of this clause to the Contracting Officer prior to submission of an offer; but

(2) Must submit the information to the Contracting Officer at least 10 working days prior to the date specified for receipt of offers.

(End of clause)

I-117252.223-7001HAZARD WARNING LABELSDEC/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)

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SECTION J - LIST OF ATTACHMENTS

<u>List of Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number of Pages</u>	<u>Transmitted By</u>
Exhibit A	CONTRACT DATA REQUIREMENTS LIST	08-JAN-2019		DATA
Attachment 0001	NON DISCLOSURE AGREEMENT	08-JAN-2019		EMAIL
Attachment 0002	TECHNICAL DATA PACKAGE (CUI)	14-JAN-2019		EMAIL
Attachment 0003	SYSTEM SUPPORT PACKAGE	08-JAN-2019		EMAIL
Attachment 0004	BASIC ISSUE ITEMS	16-JAN-2019		EMAIL
Attachment 0005	AUTHORIZED STOCKAGE LIST	08-JAN-2019		EMAIL
Attachment 0006	PRESCRIBED LOAD LIST	08-JAN-2019		EMAIL
Attachment 0007	QUALITY STANDARDS	08-JAN-2019		EMAIL
Attachment 0008	FAILURE DEFINITION AND SCORING CRITERIA (CUI)	10-OCT-2014		EMAIL
Attachment 0009	RESERVED FOR PASS-THRU WARRANTIES			
Attachment 0010	IUID MARKING PLAN	08-JAN-2019		EMAIL
Attachment 0011	PROHIBITED MATERIALS WAIVER	04-JUN-2012		EMAIL
Attachment 0012	PAST PERFORMANCE QUESTIONNAIRE	14-JAN-2019		EMAIL
Attachment 0013	PRICING WORKBOOK	16-JAN-2019		EMAIL

<p style="text-align: center;"><b>CONTINUATION SHEET</b></p>	<p style="text-align: center;"><b>Reference No. of Document Being Continued</b> W56HZV-16-R-0007</p> <p> <span>PIIN/SIIN</span> <span>MOD/AMD</span> </p>	<p style="text-align: right;"><b>Page 78 of 99</b></p>
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SECTION K - REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
K-1	52.225-20	PROHIBITION ON CONDUCTING RESTRICTED BUSINESS OPERATIONS IN SUDAN-- CERTIFICATION	AUG/2009
K-2	52.225-25	PROHIBITION ON CONTRACTING WITH ENTITIES ENGAGING IN SANCTIONED ACTIVITIES RELATING TO IRAN--REPRESENTATION AND CERTIFICATION	AUG/2018
K-3	252.203-7005	REPRESENTATION RELATING TO COMPENSATION OF FORMER DOD OFFICIALS	NOV/2011
K-4	252.204-7008	COMPLIANCE WITH SAFEGUARDING COVERED DEFENSE INFORMATION CONTROLS	OCT/2016
K-5	252.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL	JUN/2005
K-6	52.204-8	ANNUAL REPRESENTATIONS AND CERTIFICATIONS	OCT/2018

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 336992.

(2) The small business size standard is 1500 employees.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b)(1) If the provision at 52.204-7, System for Award Management, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the provision at 52.204-7, System for Award Management, is not included in this solicitation, and the Offeror has an active registration in the System for Award Management (SAM), the Offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The Offeror shall indicate which option applies by checking one of the following boxes:

- [ ] (i) Paragraph (d) applies.
- [ ] (ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c)(1) The following representations or certifications in SAM are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless--

- (A) The acquisition is to be made under the simplified acquisition procedures in Part 13;
- (B) The solicitation is a request for technical proposals under two-step sealed bidding procedures; or
- (C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.

(iii) 52.203-18, Prohibition on Contracting with Entities that Require Certain Internal Confidentiality Agreements or Statements--Representation. This provision applies to all solicitations.

(iv) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the provision at 52.204-7, System for Award Management.

(v) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that--

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(vi) 52.209-2, Prohibition on Contracting with Inverted Domestic CorporationsRepresentation.

(vii) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

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(viii) 52.209-11, Representation by Corporations Regarding Delinquent Tax Liability or a Felony Conviction under any Federal Law. This provision applies to all solicitations.

(ix) 52.214-14, Place of PerformanceSealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(x) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(xi) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(xii) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

(xiii) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.

(xiv) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.

(xv) 52.222-38, Compliance with Veterans Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xvi) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDAdesignated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xvii) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPAdesignated items.

(xviii) 52.223-22, Public Disclosure of Greenhouse Gas Emissions and Reduction Goals--Representation. This provision applies to solicitations that include the clause at 52.204-7.)

(xix) 52.225-2, Buy American Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xx) 52.225-4, Buy American--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225-3.

(A) If the acquisition value is less than \$25,000, the basic provision applies.

(B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.

(C) If the acquisition value is \$50,000 or more but is less than \$80,3173, the provision with its Alternate II applies.

(D) If the acquisition value is \$80,317 or more but is less than \$100,000, the provision with its Alternate III applies.

(xxi) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xxii) 52.225-20, Prohibition on Conducting Restricted Business Operations in SudanCertification. This provision applies to all solicitations.

(xxiii) 52.225-25, Prohibition on Contracting with Entities Engaging in Certain Activities or Transactions Relating to Iran-Representation and Certifications. This provision applies to all solicitations.

(xxiv) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions.

(2) The following representations or certifications are applicable as indicated by the Contracting Officer:

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- \_\_\_ (i) 52.204-17, Ownership or Control of Offeror.
- \_\_\_ (ii) 52.204-20, Predecessor of Offeror.
- \_\_\_ (iii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.
- \_\_\_ (iv) 52.222-48, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment--Certification.
- \_\_\_ (v) 52.222-52, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services--Certification.
- \_\_\_ (vi) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPADesignated Products (Alternate I only).
- \_\_\_ (vii) 52.227-6, Royalty Information.
- \_\_\_ (A) Basic.
- \_\_\_ (B) Alternate I.
- \_\_\_ (viii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The Offeror has completed the annual representations and certifications electronically in SAM accessed through <https://www.sam.gov>. After reviewing the SAM information, the Offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within 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 the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. 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.

FAR Clause #	Title	Date	Change
_____	_____	_____	_____
_____	_____	_____	_____

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 on SAM.

(End of provision)

K-7                      252.204-7007                      ALTERNATE A, ANNUAL REPRESENTATIONS AND CERTIFICATIONS                      DEC/2018  
Substitute the following paragraphs (d) and (e) for paragraph (d) of the provision at FAR 52.204-8:

(d)(1) The following representations or certifications in the System for Award Management (SAM) database are applicable to this solicitation as indicated:

- (i) 252.209-7003, Reserve Officer Training Corps and Military Recruiting on Campus-Representation. Applies to all solicitations with institutions of higher education.
- (ii) 252.216-7008, Economic Price Adjustment-Wage Rates or Material Prices Controlled by a Foreign Government. Applies to solicitations for fixed-price supply and service contracts when the contract is to be performed wholly or in part in a foreign country, and a foreign government controls wage rates or material prices and may during contract performance impose a mandatory change in wages or prices of materials.
- (iii) 252.222-7007, Representation Regarding Combating Trafficking in Persons, as prescribed in 22.1771. Applies to solicitations with a value expected to exceed the simplified acquisition threshold.

Name of Offeror or Contractor:

(iv) 252.225-7042, Authorization to Perform. Applies to all solicitations when performance will be wholly or in part in a foreign country.

(v) 252.225-7049, Prohibition on Acquisition of Certain Foreign Commercial Satellite Services--Representations. Applies to solicitations for the acquisition of commercial satellite services.

(vi) 252.225-7050, Disclosure of Ownership or Control by the Government of a Country that is a State Sponsor of Terrorism. Applies to all solicitations expected to result in contracts of \$150,000 or more.

(vii) 252.229-7012, Tax Exemptions (Italy)--Representation. Applies to solicitations and contracts when contract performance will be in Italy.

(viii) 252.229-7013, Tax Exemptions (Spain)--Representation. Applies to solicitations and contracts when contract performance will be in Spain.

(ix) 252.247-7022, Representation of Extent of Transportation by Sea. Applies to all solicitations except those for direct purchase of ocean transportation services or those with an anticipated value at or below the simplified acquisition threshold.

(2) The following representations or certifications in SAM are applicable to this solicitation as indicated by the Contracting Officer:

- \_\_\_ (i) 252.209-7002, Disclosure of Ownership or Control by a Foreign Government.
- \_\_\_ (ii) 252.225-7000, Buy American--Balance of Payments Program Certificate.
- \_\_\_ (iii) 252.225-7020, Trade Agreements Certificate.
  - \_\_\_ Use with Alternate I.
- \_\_\_ (iv) 252.225-7031, Secondary Arab Boycott of Israel.
- \_\_\_ (v) 252.225-7035, Buy American--Free Trade Agreements--Balance of Payments Program Certificate.
  - \_\_\_ Use with Alternate I.
  - \_\_\_ Use with Alternate II.
  - \_\_\_ Use with Alternate III.
  - \_\_\_ Use with Alternate IV.
  - \_\_\_ Use with Alternate V.

(e) The offeror has completed the annual representations and certifications electronically via the SAM website at <https://www.acquisition.gov/> . After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in FAR 52.204-8(c) and paragraph (d) of this provision have been entered or updated within 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 the changes identified below [offeror to insert changes, identifying change by provision number, title, date]. 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.

FAR/DFARS Provision #	Title	Date	Change
_____	_____	_____	_____
_____	_____	_____	_____

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications located in the SAM database.

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K-8                      52.207-4                      ECONOMIC PURCHASE QUANTITY-SUPPLIES                      AUG/1987

(a) Offerors are invited to state an opinion on whether the quantity(ies) of supplies on which bids, proposals or quotes are requested in this solicitation is (are) economically advantageous to the Government.

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(b) Each offeror who believes that acquisitions in different quantities would be more advantageous is invited to recommend an economic purchase quantity. If different quantities are recommended, a total and a unit price must be quoted for applicable items. An economic purchase quantity is that quantity at which a significant price break occurs. If there are significant price breaks at different quantity points, this information is desired as well.

OFFEROR RECOMMENDATIONS

ITEM	QUANTITY	PRICE QUOTATION	TOTAL

(c) The information requested in this provision is being solicited to avoid acquisitions in disadvantageous quantities and to assist the Government in developing a data base for future acquisitions of these items. However, the Government reserves the right to amend or cancel the solicitation and resolicit with respect to any individual item in the event quotations received and the Governments requirements indicate that different quantities should be acquired.

(End of Provision)

K-9                      52.209-7                      INFORMATION REGARDING RESPONSIBILITY MATTERS                      OCT/2018

(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,

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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 FAPIIS as required through maintaining an active registration in the System for Award Management, which can be accessed via <https://www.sam.gov> .
- (End of provision)

K-10                      52.209-13                      VIOLATION OF ARMS CONTROL TREATIES OR AGREEMENTS--CERTIFICATION                      JUN/2018

(a) This provision does not apply to acquisitions below the simplified acquisition threshold or to acquisitions of commercial items as defined at FAR 2.101.

(b) Certification. [Offeror shall check either (1) or (2).]

- \_\_\_\_\_ (1) The Offeror certifies that--
- (i) It does not engage and has not engaged in any activity that contributed to or was a significant factor in the President's or Secretary of State's determination that a foreign country is in violation of its obligations undertaken in any arms control, nonproliferation, or disarmament agreement to which the United States is a party, or is not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. The determinations are described in the most recent unclassified annual report provided to Congress pursuant to section 403 of the Arms Control and Disarmament Act (22 U.S.C. 2593a). The report is available via the internet at <https://www.state.gov/t/avc/rls/rpt/> ; and
- (ii) No entity owned or controlled by the Offeror has engaged in any activity that contributed to or was a significant factor in the President's or Secretary of State's determination that a foreign country is in violation of its obligations undertaken in any arms control, nonproliferation, or disarmament agreement to which the United States is a party, or is not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. The determinations are described in the most recent unclassified annual report provided to Congress pursuant to section 403 of the Arms Control and Disarmament Act (22 U.S.C. 2593a). The report is available via the internet at <https://www.state.gov/t/avc/rls/rpt/> ; or
- \_\_\_\_\_ (2) The Offeror is providing separate information with its offer in accordance with paragraph (d)(2) of this provision.
- (c) Procedures for reviewing the annual unclassified report (see paragraph (b)(1) of this provision). For clarity, references to the report in this section refer to the entirety of the annual unclassified report, including any separate reports that are incorporated by reference into the annual unclassified report.

- (1) Check the table of contents of the annual unclassified report and the country section headings of the reports incorporated by reference to identify the foreign countries listed there. Determine whether the Offeror or any person owned or controlled by the Offeror may have engaged in any activity related to one or more of such foreign countries.
- (2) If there may have been such activity, review all findings in the report associated with those foreign countries to determine whether or not each such foreign country was determined to be in violation of its obligations undertaken in an arms control, nonproliferation, or disarmament agreement to which the United States is a party, or to be not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. For clarity, in the annual report an explicit certification of non-compliance is equivalent to a determination of violation. However, the following statements in the annual report are not equivalent to a determination of violation:
- (i) An inability to certify compliance.
- (ii) An inability to conclude compliance.

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(iii) A statement about compliance concerns.

(3) If so, determine whether the Offeror or any person owned or controlled by the Offeror has engaged in any activity that contributed to or is a significant factor in the determination in the report that one or more of these foreign countries is in violation of its obligations undertaken in an arms control, nonproliferation, or disarmament agreement to which the United States is a party, or is not adhering to its arms control, nonproliferation, or disarmament commitments in which the United States is a participating state. Review the narrative for any such findings reflecting a determination of violation or non-adherence related to those foreign countries in the report, including the finding itself, and to the extent necessary, the conduct giving rise to the compliance or adherence concerns, the analysis of compliance or adherence concerns, and efforts to resolve compliance or adherence concerns.

(4) The Offeror may submit any questions with regard to this report by email to NDAA1290Cert@state.gov. To the extent feasible, the Department of State will respond to such email inquiries within 3 business days.

(d) Do not submit an offer unless--

(1) A certification is provided in paragraph (b)(1) of this provision and submitted with the offer; or

(2) In accordance with paragraph (b)(2) of this provision, the Offeror provides with its offer information that the President of the United States has--

(i) Waived application under U.S.C. 2593e(d) or (e); or

(ii) Determined under 22 U.S.C. 2593e(g)(2) that the entity has ceased all activities for which measures were imposed under 22 U.S.C.2593e(b).

(e) Remedies. The certification in paragraph (b)(1) of this provision is a material representation of fact upon which reliance was placed when making award. If it is later determined that the Offeror knowingly submitted a false certification, in addition to other remedies available to the Government, such as suspension or debarment, the Contracting Officer may terminate any contract resulting from the false certification.

(End of provision)

K-11 52.225-18 PLACE OF MANUFACTURE

AUG/2018

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

"Manufactured end product" means any end product in product and service codes (PSCs) 1000-9999, except--

- (1) PSC 5510, Lumber and Related Basic Wood Materials;
- (2) Product or Service Group (PSG) 87, Agricultural Supplies;
- (3) PSG 88, Live Animals;
- (4) PSG 89, Subsistence;
- (5) PSC 9410, Crude Grades of Plant Materials;
- (6) PSC 9430, Miscellaneous Crude Animal Products, Inedible;
- (7) PSC 9440, Miscellaneous Crude Agricultural and Forestry Products;
- (8) PSC 9610, Ores;
- (9) PSC 9620, Minerals, Natural and Synthetic; and
- (10) PSC 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.

(b) For statistical purposes only, the offeror shall indicate whether the place of manufacture of the end products it expects to provide

Name of Offeror or Contractor:

in response to this solicitation is predominantly

[ ] (1) In the United States (Check this box if the total anticipated price of offered end products manufactured in the United States exceeds the total anticipated price of offered end products manufactured outside the United States); or

[ ] (2) Outside the United States.

(End of provision)

K-12252.225-7000BUY AMERICAN STATUTE--BALANCE OF PAYMENTS PROGRAM CERTIFICATE--BASICNOV/2014

(a) Definitions. "Commercially available off-the-shelf (COTS) item," "component," "domestic end product," "foreign end product," "qualifying country," "qualifying country end product," and "United States" as used in the provision, have the meanings given in the Buy American and Balance of Payments Program--Basic clause of this solicitation.

(b) Evaluation. The Government

(1) Will evaluate offers in accordance with the policies and procedures of Part 225 of the Defense Federal Acquisition Regulation Supplement; and

(2) Will evaluate offers of qualifying country end products without regard to the restrictions of the Buy American statute or the Balance of Payments Program.

(c) Certifications and identification of country of origin.

(1) For all line items subject to the Buy American and Balance of Payments Program--Basic clause of this solicitation, the offeror certifies that

- (i) Each end product, except those listed in paragraphs (c)(2) or (3) of this provision, is a domestic end product; and
- (ii) For end products other than COTS items, components of unknown origin are considered to have been mined, produced, or manufactured outside the United States or a qualifying country.

(2) The offeror certifies that the following end products are qualifying country end products:

Line Item Number	Country of Origin
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(3) The following end products are other foreign end products, including 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 (ii) of the definition of "domestic end product":

Line Item Number	Country of Origin (If known)
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(End of provision)

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SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
L-1	52.204-7	SYSTEM FOR AWARD MANAGEMENT	OCT/2018
L-2	52.204-16	COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING	JUL/2016
L-3	52.204-22	ALTERNATIVE LINE ITEM PROPOSAL	JAN/2017
L-4	52.214-34	SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE	APR/1991
L-5	52.214-35	SUBMISSIONS OF OFFERS IN U.S. CURRENCY	APR/1991
L-6	52.215-1	INSTRUCTIONS TO OFFERORS--COMPETITIVE	JAN/2017
L-7	52.215-16	FACILITIES CAPITAL COST OF MONEY	JUN/2003
L-8	52.222-24	PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE EVALUATION	FEB/1999
L-9	252.215-7010	REQUIREMENTS FOR CERTIFIED COST OR PRICING DATA AND DATA OTHER THAN CERTIFIED COST OR PRICING DATA--BASIC	JAN/2018
L-10	252.215-7013	SUPPLIES AND SERVICES PROVIDED BY NONTRADITIONAL DEFENSE CONTRACTORS	JAN/2018
L-11	252.225-7003	REPORT OF INTENDED PERFORMANCE OUTSIDE THE UNITED STATES AND CANADA-- SUBMISSION WITH OFFER	OCT/2015
L-12	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 [ ] DX rated order; [ X ] 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)

L-13	52.216-1	TYPE OF CONTRACT	APR/1984
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The Government contemplates award of a firm-fixed-price contract resulting from this solicitation.

(End of Provision)

L-14	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 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)

L-15	252.215-7010	REQUIREMENTS FOR CERTIFIED COST OR PRICING DATA AND DATA OTHER THAN CERTIFIED COST OR PRICING DATA (JAN2018)--ALTERNATE I (JAN 2018)	JAN/2018
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(a) Definitions. As used in this provision--

"Market prices" means current prices that are established in the course of ordinary trade between buyers and sellers free to bargain and that can be substantiated through competition or from sources independent of the offerors.

"Non-Government sales" means sales of the supplies or services to non-Governmental entities for purposes other than governmental purposes.

"Relevant sales data" means information provided by an offeror on sales of the same or similar items that can be used to establish price reasonableness taking into consideration the age, volume, and nature of the transactions (including any related discounts, refunds, rebates, offsets, or other adjustments).

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"Sufficient non-Government sales" means relevant sales data that reflects market pricing and contains enough information to make adjustments covered by FAR 15.404-1(b)(2)(ii)(B).

"Uncertified cost data" means the subset of "data other than certified cost or pricing data" (see FAR 2.101) that relates to cost.

(b) Exceptions from certified cost or pricing data. (1) In lieu of submitting certified cost or pricing data, the Offeror may submit a written request for exception by submitting the information described in paragraphs (b)(1)(i) and (ii) of this provision. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted and whether the price is fair and reasonable.

(i) Exception for price set by law or regulation--Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) Commercial item exception. For a commercial item exception, the Offeror shall submit, at a minimum, information that is adequate for evaluating the reasonableness of the price for this acquisition, including prices at which the same item or similar items have been sold in the commercial market. Such information shall include--

(A) For items previously determined to be commercial, the contract number and military department, defense agency, or other DoD component that rendered such determination, and if available, a Government point of contact;

(B) For items priced based on a catalog--

(1) A copy of or identification of the Offeror's current catalog showing the price for that item; and

(2) If the catalog pricing provided with this proposal is not consistent with all relevant sales data, a detailed description of differences or inconsistencies between or among the relevant sales data, the proposed price, and the catalog price (including any related discounts, refunds, rebates, offsets, or other adjustments);

(C) For items priced based on market pricing, a description of the nature of the commercial market, the methodology used to establish a market price, and all relevant sales data. The description shall be adequate to permit the DoD to verify the accuracy of the description;

(D) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item; or

(E) For items provided by nontraditional defense contractors, a statement that the entity is not currently performing and has not performed, for at least the 1-year period preceding the solicitation of sources by the DoD for the procurement or transaction, any contract or subcontract for the DoD that is subject to full coverage under the cost accounting standards prescribed pursuant to 41 U.S.C. 1502 and the regulations implementing such section.

(2) The Offeror grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this provision, and to determine the reasonableness of price.

(c) Requirements for certified cost or pricing data. If the Offeror is not granted an exception from the requirement to submit certified cost or pricing data, the following applies:

(1) The Offeror shall submit certified cost or pricing data and supporting attachments in the following format:

In accordance with the instructions contained in Table 15-2 of FAR 15.408, which is incorporated by reference with the same force and effect as though it were inserted here in full text. The instructions in Table 15-2 are incorporated as a mandatory format to be used in this contract. The proposal submission shall include an electronic cost model with active formulas demonstrating the mathematical calculation of the proposed cost (in Excel or other format approved by the Contracting Officer). The electronic cost model shall include build-up by year of cost in total and by CLIN/subCLIN, consistent with the yearly breakout required by paragraph (d)(1) of this provision, or as directed by the Contracting Officer. If applicable, the electronic cost model shall link each Work Breakdown Structure (WBS) to the applicable CLINs. The electronic cost model shall roll up to an annual and total program summary by cost element. All information supporting each CLIN should be visible and verifiable in the electronic cost model. The formulas included in the electronic cost model shall not be locked, and the model shall be editable by the Government. Electronic spreadsheet files (Workbooks) shall be Microsoft Excel 2007 compatible. Workbooks must be sent in a format that includes all formulas, functions, macros, computations, or equations used to compute the proposed amounts. All cell references (to data or files) must be linked to Excel files within the (Price/Cost) proposal. For each Workbook, all rows, columns, cells, and worksheets must be visible (object.Visible=True). Zero height, and zero width, rows and columns (in worksheets) are not acceptable. Hidden cells, rows, columns, and worksheets (tabs) are not acceptable. Worksheet cells formatted with the Font color equal to the Fill color are not acceptable. If Workbooks or Worksheets are password protected, the password(s) must be provided. Print image files, or pictures or files containing only values, are not

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acceptable. Files must not contain active links to live Internet sites or pages. All linked information must be contained within the electronic offer and be accessible offline. Any supporting narrative shall be in Microsoft Word 2007 compatible format or any other format approved by the PCO (upon request).

(2) As soon as practicable after agreement on price, but before contract award (except for unpriced actions such as letter contracts), the Offeror shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

(d) Requirements for data other than certified cost or pricing data. (1) Data other than certified cost or pricing data submitted in accordance with this provision shall include all data necessary to permit a determination that the proposed price is fair and reasonable, to include the requirements in DFARS 215.402(a)(i) and 215.404-1(b).

(2) In cases in which uncertified cost data is required, the information shall be provided in the form in which it is regularly maintained by the Offeror or prospective subcontractor in its business operations.

(3) The Offeror shall provide information described as follows:

TBD

(4) Within 10 days of a written request from the Contracting Officer for additional information to support proposal analysis, the Offeror shall provide either the requested information, or a written explanation for the inability to fully comply.

(5) Subcontract price evaluation. (i) Offerors shall obtain from subcontractors the information necessary to support a determination of price reasonableness, as described in FAR part 15 and DFARS part 215.

(ii) No cost information may be required from a prospective subcontractor in any case in which there are sufficient non-Government sales of the same item to establish reasonableness of price.

(iii) If the Offeror relies on relevant sales data for similar items to determine the price is reasonable, the Offeror shall obtain only that technical information necessary--

(A) To support the conclusion that items are technically similar; and

(B) To explain any technical differences that account for variances between the proposed prices and the sales data presented.

(e) Subcontracts. The Offeror shall insert the substance of this provision, including this paragraph (e), in all subcontracts exceeding the simplified acquisition threshold defined in FAR part 2. The Offeror shall require prospective subcontractors to adhere to the requirements of--

(1) Paragraph (c) and (d) of this provision for subcontracts above the threshold for submission of certified cost or pricing data in FAR 15.403-4; and

(2) Paragraph (d) of this provision for subcontracts exceeding the simplified acquisition threshold defined in FAR part 2.

(End of provision)

L-16                    252.215-7012                    REQUIREMENTS FOR SUBMISSION OF PROPOSALS VIA ELECTRONIC MEDIA                    JAN/2018  
The Offeror shall submit the cost portion of the proposal via the following electronic media: electronic spreadsheet

(End of provision)

L-17                    52.211-1                    AVAILABILITY OF SPECIFICATIONS LISTED IN THE GSA INDEX OF FEDERAL                    AUG/1998  
SPECIFICATIONS, STANDARDS AND COMMERCIAL ITEM DESCRIPTIONS, FPMR PART  
101-29

(a) The GSA Index of Federal Specifications, Standards and Commercial Item Descriptions, FPMR Part 101-29, and copies of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained for a fee by submitting a request to--

GSA Federal Supply Service  
Specifications Section, Suite 8100  
470 East L'Enfant Plaza SW

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Washington, DC 20407

Telephone (202) 619-8925

Facsimile (202) 619-8978.

(b) If the General Services Administration, Department of Agriculture, or Department of Veterans Affairs issued this solicitation, a single copy of specifications, standards, and commercial item descriptions cited in this solicitation may be obtained free of charge by submitting a request to the addressee in paragraph (a) of this provision. Additional copies will be issued for a fee.

(End of Provision)

L-18      52.211-2      AVAILABILITY OF SPECIFICATIONS, STANDARDS, AND DATA ITEM DESCRIPTIONS      MAY/2014  
LISTED IN THE ACQUISITION STREAMLINING AND STANDARDIZATION  
INFORMATION SYSTEM (ASSIST)

(a) Most unclassified Defense specifications and standards may be downloaded from the following ASSIST websites:

(1) ASSIST <https://assist.dla.mil/online/start/>

(2) Quick Search <http://quicksearch.dla.mil/>

(3) ASSISTdocs.com (<http://assistdocs.com>).

(b) Documents not available from ASSIST may be ordered from the Department of Defense Single Stock Point (DoDSSP) by

(1) Using the ASSIST Shopping Wizard <https://assist.dla.mil/wizard/index.cfm>

(2) Phoning the DoDSSP Customer Service Desk (215) 697-2197, Mon-Fri, 0730 to 1600 EST; or

(3) Ordering from DoDSSP, Building 4, Section D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Telephone (215) 697-2667/2179, Facsimile (215) 697-1462.

(End of Provision)

L-19      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://farsite.hill.af.mil/> Or <https://www.acquisition.gov/>

L-20      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)

**INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS**

**L.1 General Proposal Information**

L.1.1 The Offeror's proposal, subject to the Submission, Modification, Revision and Withdrawal paragraph of FAR 52.215-1, Instructions to Offerors - Competitive Acquisitions, shall be submitted in the format and quantities as set forth below. All information necessary for the review and evaluation of a proposal is to be contained in the proposal volumes set forth below. Section M of the solicitation

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sets forth the evaluation criteria and delineates the Factors to be evaluated. The offeror's proposal, as required by this section, shall be evaluated as set forth in Section M of this solicitation. The Government will not assume the offeror possesses any capability, understanding, or commitment not specified in its proposal. It is an offeror's responsibility to submit a well-written proposal with adequately detailed information which clearly demonstrates an understanding of and the ability to comply with the RFP requirements to allow for a meaningful evaluation. The Government does not assume the duty to search for data to cure problems it finds in proposals.

**L.1.2 Minimum Acceptance Period**

ACCEPTANCE PERIOD means the number of calendar days available to the Government for awarding a contract from the date specified in this solicitation for receipt of offers.

L.1.2.1 In accordance with FAR 52.215-1-Instructions to Offerors, the Government specified minimum acceptance period is 180 calendar days.

L.1.2.2 The offeror shall clearly state in its proposal Administrative volume the acceptance period. Offerors may specify a longer acceptance period than the Government's minimum acceptance period stated above.

L.1.2.3 An offer allowing less than the Government's minimum acceptance period may be rejected.

**L.2 Proposal Content, Format and Instructions**

**L.2.1 Proposal Content**

L.2.1.1 All proposals shall be in English (American Standard) and shall be in US dollars. Proposals not in English or not in US Dollars may be rejected. The proposal shall include all information specified and shall address all requirements outlined in Section L. The offeror's proposal shall be submitted in three separate volumes and in the quantities as set forth below. The offerors proposal shall consist of the following volumes:

Volume	Title	Quantity
Volume I	Past Performance	2
Volume II	Price	2
Volume III	Administrative	2

L.2.1.2 A Proposal Executive Summary or transmittal letter is optional. It will neither be considered as part of the volumes required, nor will it be evaluated. If a Proposal Executive Summary is submitted, it must be submitted as part of the Administrative volume above and it should be no more than four pages in length.

**L.2.2 Proposal Format and Instructions**

L.2.2.1 Each volume listed above shall be submitted on a separate set of CD-ROMs or DVDs. The offeror shall submit two identical sets of CD-ROMs or DVDs for each volume. One set of media shall be labeled as the primary copy. In the case of defective file(s) on the primary disc, the second copy will be utilized only to retrieve and review the defective file(s) in question. If the primary disc is entirely defective, the second copy will be used entirely. All other data on the primary disc will take precedence.

L.2.2.1.1 Each CD-ROM or DVD shall be labeled so it is easily identifiable for evaluation purposes (example: Volume II, Price Factor, Set 1 of X, CD 1 of X), and shall also include the offeror's name and the solicitation number. Each volume shall include a (i) title page, (ii) table of contents, and (iii) list of tables and figures. Each page of the proposal shall be numbered, and each paragraph of the proposal shall have a reference number. A list of all attachments and substantiating data shall be provided in the table of contents. The table of contents shall be organized as set forth below. The table of contents shall include the following information for each Factor, attachment, and for all substantiating data listed:

- Cross-reference to related Section L paragraph number
- Page number
- CD-ROM or DVD Volume and number
- File name

L.2.2.1.2 Acceptable File Formats. All electronic information provided in response to the solicitation must be provided in Microsoft (MS) Office 2013 compatible or Adobe Portable Document Format (PDF) format or except as noted in instructions for individual volumes. For files in PDF format, scanners should be set to 200 dots per inch. The proposal shall not contain citations for, or active links to live Internet sites or pages. All linked information shall be contained within the electronic proposal. Any linked information that is not contained in the proposal will not be accepted.

L.2.2.1.3 Electronic Files. The proposal electronic file name should not exceed 50 characters in length (not including the file extension). Ensure the file name does not contain any periods.

L.2.2.1.4 Unless otherwise specified, it is recommended that the proposal be formatted for 8.5 inch x 11 inch paper with a minimum font size of 10 pt. and with a minimum of 0.5 margins. Schedules, drawings and other documents more appropriate to larger size shall be formatted for no larger than 8.5 inch x 14 inch dimensions.

L.2.2.1.5 Provide spreadsheets that include all formulas, function, macros, computations, or equations used to compute the proposed amounts. For each workbook, all Rows, Columns, Cells, and Worksheets are to be visible. Do not include Zero height and zero width rows and columns in Worksheets. Do not format Worksheet cells with font color equal to the fill color. If Workbooks or Worksheets are password protected, then the passwords must be provided. Do not submit print image files or pictures or files containing only values are not acceptable. Failure to provide fully functional excel spreadsheets in the proposal may result in the proposal being rejected (See Section M.2.1 (a)).

L.2.2.1.6 The offeror shall make every effort to ensure that the proposal is virus-free. Proposals (or sections thereof) submitted which

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indicate the presence of a virus, or which are otherwise rendered unreadable by damage in electronic transit, shall be treated as "unreadable" as described in FAR 15.207(c)-Handling Proposals and Information.

**L.2.2.2 Submission Due Date**  
The offeror must ensure its proposal, in its entirety, reaches the required destination before the date and time set for closing of the solicitation set forth in Block 9 on the SF 33 front page of the solicitation.

**L.2.2.2.1 Lateness**  
The lateness rules for submitted proposals are outlined in FAR 52.215-1 "Instructions to Offerors-Competitive Acquisition," and are incorporated into this solicitation.

**L.2.2.2.3 Proposal Submission Address**  
Proposals shall be submitted to the address below. All proposals delivered in response to this solicitation, whether hand-carried or submitted via U.S. mail, shall be addressed as follows:

US Army Contracting Command Warren  
Bid Room, Bldg 231, Mail Stop 303  
Attn: Winslow T. Morrow

6501 East 11 Mile Road  
Warren, MI 48397-5000

Solicitation Number: W56HZV-16-R-0007

Proposal Due Date & Time: (Refer to Standard Form 33 (pg. 1), Block 9) TO BE DELIVERED UNOPENED  
(offeror's name)

**L.2.2.4 Method of Submission for Unclassified Proposal**  
Proposals submitted via e-mail will not be accepted. Proposals shall either be hand-carried or submitted via US mail. Hand-carried submissions\* include proposals delivered by commercial carriers such as FedEx, UPS, or services other than the US Postal Service. If hand-carried, the offeror must deliver proposals to the Detroit Arsenal (DTA) Mail Handling Facility (Building 255) between the hours of 8:00AM and 1:00PM local Warren, MI time. The package(s) will be dated and time stamped at the Mail Handling Facility and the Government will be responsible for forwarding the package(s) to the appropriate personnel. Offerors should ensure that any commercial carrier it uses has a tracking system that can provide documentation that will prove the date and time of delivery to the Government. If the proposal is hand-carried by other than a commercial carrier, the delivery person (even if an employee of the offeror) must be a US citizen, and must obtain a signed receipt, indicating date and time of delivery, from the Mail Handling Facility personnel. The delivery person must provide the receipt since the Mail Handling Facility personnel do not have them.

\*Directions to DTA: From Van Dyke Avenue, travel west on East Eleven Mile road to railroad track. Immediately after crossing railroad track turn right into DTA main gate and follow security officer directions to the Mail Handling Facility (Building 255). It may be necessary for the delivery person to obtain a visitors badge prior to being allowed to enter the installation. If so, the security officer will advise the delivery person of the procedures to follow.

**L.2.2.4.1 Exterior envelopes must identify the solicitation number and date specified for receipt of proposals.**

**L.2.2.4.2 Offerors are cautioned that approval to enter the installation must be obtained prior to the closing date and time for receipt of proposals.** Due to security procedures, delays are probable at the entry point and offerors must plan to accommodate them. It is the offerors responsibility to plan sufficient time to clear Detroit Arsenal security and ensure proposals reach the intended destination.

**L.2.2.5 Proposal Modifications vs Proposal Revisions.**

Proposal modification is a change made to a proposal before the solicitations closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

Proposal revision is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Procuring Contracting Officer (PCO)as the result of negotiations.

**L.2.2.5.1 Offerors may submit proposal modifications at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.**

**L.2.2.5.2 Offerors may submit proposal revisions only if requested or allowed by the Contracting Officer.**

**L.2.3 Single Proposal Submission**

Offerors are limited to submitting one proposal with one approach to meeting all the requirements of this solicitation. Proposals that contain alternative terms and conditions will be considered as taking exception to the requirements of the solicitation. See Section M.2.

**L.2.4 Organizational Conflict of Interest**

**L.2.4.1 The provisions of FAR 9.5, Organizational Conflict of Interest (OCI), apply to any award under this Request for Proposal (RFP).** Potential offerors should review their current and planned participation in any other Government contracts, subcontracts, consulting, or teaming arrangements where they may be in a position of actual or perceived bias or unfair competitive advantage.

**L.2.4.2 Offerors shall disclose any potential OCI situations to the PCO as soon as identified including prior to proposal submission.** The disclosure should include the facts and an analysis of the actual or perceived conflict and a recommended approach(s) to neutralize or mitigate the potential conflict. The preferred approach to potential conflicts is to negate/obviate the conflict. Mitigation is considered only if it is not practical to negate/obviate the conflict. The PCO will promptly respond to resolve any potential conflicts.

**L.2.5 Restriction On Disclosure and Use of Data.**

Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall:

**L.2.5.1 Mark the title page with the following legend:**

This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed -- in

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whole or in part -- for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of -- or in connection with -- the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Governments right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

L.2.5.2 Mark each sheet of data with this restriction:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

L.3 All or None

Offers in response to this solicitation must be submitted for all the requirements identified in the solicitation. Offers submitted for less than all the requirements called for by this solicitation may be rejected or ineligible for award.

L.4 Evaluation Factors

Offeror proposals shall address the following two Factors:

a. Past Performance Factor

b. Price Factor

L.4.1 Past Performance Factor-Volume I

For the Past Performance Factor, the offeror shall provide information for a total of up to four Recent and Relevant Contracts performed by the offeror as the prime contractor. These contracts may include foreign, federal, state, local and private industry contracts. The burden of providing thorough and complete past performance information remains with the offeror. The offeror is responsible to ensure submission of the Past Performance Questionnaire (PPQ) as discussed in Section L.4.1.3 (i). It is the offeror's responsibility to submit detailed and complete proposal information so the Government may evaluate its Past Performance volume. The Government does not assume the duty to search for data to cure problems it finds in proposals. While the Government may elect to consider data obtained from internal and external sources other than the proposal, the burden to provide thorough and complete past performance information rests with the offeror. The below instructions are provided to advise offerors as to the information required by the Government to assess the contractors Recent and Relevant past performance. Since this information constitutes a basis of the Government's review, it is imperative that the offeror present its past performance in a clear and complete manner. Failure to provide the information requested under paragraph L.4.1.3 and L.4.1.5 (if applicable) below may result in an assessment that the offeror does not possess a record of Recent and Relevant past performance.

For the purpose of this volume, a Contract is defined as a written instrument that requires the offeror to perform a distinct effort and it demonstrates the distinct effort was actually performed. Written instruments such as Indefinite-Delivery Contracts (FAR 16.501-1 I), Basic Ordering Agreement (BOA), Blanket Purchase Agreement (BPA), and Federal Supply Schedule (FSS), and other broad ordering instruments generally do not demonstrate the distinct effort was actually performed, and would therefore not be considered to meet the definition of a Contract. However, the Government may consider a broad ordering instrument's statement of work or other requirements definition documents in the evaluation to assess the relevancy of the work actually performed on an executed subordinate written instrument (e.g. task/delivery order, work directive, technical instrument) determined to be a Contract. A task or delivery order executed under a broad instrument may be considered to be a Contract if it meets the definition above; task or delivery orders that function like a broad instrument (such as executing written instruments like work directives, technical instructions, etc to perform effort) generally do not demonstrate a distinct effort that was actually performed, and thus would not meet the definition of a Contract.

L.4.1.1 Recent Contracts are those performed within five years of the date of issuance of this RFP.

L.4.1.2 Relevant Contracts are those comparable in scope and magnitude of effort and complexity to the following statement of work requirements:

Build a hardware item to a Government TDP requiring the following: complex metal fabrication, hydraulic system fabrication and assembly, electrical system fabrication and assembly and computer electronics fabrication and assembly.

L.4.1.3 Contract Information: Each offeror may submit up to four contracts. For each Contract(s) submitted, provide the following information:

- (a) Contractor name and address who performed Contract;
- (b) Contract Number (and delivery/task order number if applicable);
- (c) Contract Type;
- (d) Total Value of the Contract (beginning & ending value);
- (e) Delivery or Performance Schedule;
- (f) Government or private industry contracting activity address, telephone number and e-mail;
- (g) Procuring Contracting Officers (PCO) and/or Contract Specialists name, or point of contact for private industry entity responsible for signing or administering the Contract, telephone number and e-mail;
- (h) Government (DCMA) or private industry administrative contracting officer (ACO), contracting officers representative (COR), performance certifier, and/or quality assurance representative (QAR), name, telephone number and email;
- (i) Specify the Government or Contractor Point(s) of Contact for which the Questionnaire was sent, and provide the date(s) it was sent.
- (j) A description of the work performed by the offeror, which shall include a narrative describing the similarities between (1) the

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relevant work performed under the statement of work requirements of the offerors cited Contract(s) and (2) the statement of work requirements identified in L.4.1.2. In its narrative, the offeror shall specify the location in the cited Contracts statement of work (to include paragraph and page number) that substantiates the relevant work performed;

(k) Contract period of performance;

(l) Provide a brief self-assessment of Contract performance. The self-assessment must address performance to meet Technical, Schedule and cost requirements and

(m) Copy of the Performance Work Statement or Scope of Work for each of the submitted Contracts. If details of the requirements or contractual standards of the performed effort are further defined elsewhere in the Contract, or defined under a broader instrument's scope of work that the contract is executed against, the offeror may also provide that information to establish relevancy of the Contract to the scope of work activity listed in L.4.1.2 above (These documents can be submitted as stand-alone attachments within the proposal volume).

**L.4.1.4 Associated Entity, Predecessor Company, and Joint Venture.** Only Contracts performed by the named offeror will be considered unless the Contract was performed by an associated entity, a predecessor company, or if the offeror is a joint venture.

i. Associated Entity. The Government may consider the past performance of an associated entity if the offeror successfully demonstrates meaningful involvement by the associated entity in the proposed effort.

a. An associated entity may include a parent company, separate corporate division within the same parent company, subsidiary company, a legally affiliated company, etc. The offeror shall provide to the Government a narrative that explains the offerors relationship to the associated entity. The offeror shall support the narrative with legal documentation, including but not limited to corporate papers, establishing the legal nexus between the offeror and the associated entity.

b. The offeror shall provide to the Government a narrative that explains the meaningful involvement the associated entity will provide to the proposed effort. Evidence of meaningful involvement may include a description of the associated entity's resources, such as its workforce, facilities, and/or other resources that will be provided or relied upon in the proposed effort. A Contract will not be considered unless the offeror successfully establishes meaningful involvement by the associated entity in the proposed effort.

ii. Predecessor Company. The Government may consider the past performance of a predecessor company if the offeror demonstrates the experience of the predecessor company is reasonably predictive of the offerors performance under the proposed effort.

a. A predecessor company may include a company which was acquired by the offeror or merged with the offeror. It may also include other instances where the predecessor company was reorganized, restructured, or otherwise altered. A predecessor company does not include an entity which remains separate and distinct from the offeror. The offeror shall provide to the Government a narrative that explains the offerors relationship to the predecessor company. The offeror shall support the narrative with documentation evidencing the offerors status as the successor company.

b. The offeror shall provide to the Government a narrative that explains why the predecessors past performance is predictive of the offerors performance under the proposed effort. Evidence may include, but is not limited to, continuity of operations such as the continued employment of the predecessors employees and the transfer of assets including buildings, furnishings, and fixtures.

iii. Individual Partners of a Joint Venture. If the offeror is a Joint Venture, the Government may consider past performance of each partner of the Joint Venture and any work performed by the Joint Venture itself previously. The offeror must successfully demonstrate meaningful involvement by the partner to the proposed effort.

a. The offeror shall provide to the Government a narrative that discloses the individual partners of the Joint Venture and shall provide documentation evidencing the Joint Venture.

b. The offeror shall provide to the Government a narrative that explains the meaningful involvement the Joint Venture partner will provide to the proposed effort. Evidence of meaningful involvement may include a description of the partners resources, such as its workforce, facilities, and/or other resources that will be provided or relied upon in the proposed effort. A contract will not be considered unless the offeror successfully establishes meaningful involvement by the partner in the proposed effort.

**L.4.1.5 Past Performance Questionnaire.** A past performance questionnaire is provided in Attachment 0012-EHP Roller Production Past Performance Questionnaire. For each contract submitted by the offeror, the offeror shall send a copy of the past performance questionnaire directly to the appropriate PCO and/or COR or other appropriate technical and contracting individuals. The offeror shall request that these individuals complete the questionnaire and forward it electronically directly to the Government Point of Contact, Tom Morrow at Winslow.t.morrow.civ@mail.mil as soon as possible and prior to the RFP closing date (See Block #9 of the SF33 cover page to this solicitation) with the subject heading PAST PERFORMANCE INFORMATION FOR [Offeror name].

**L.4.2 Price Factor-Volume II**

In accordance with FAR 15.403-5(a)(1)-Instructions for Submission of Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data, certified cost or pricing data is not required for initial proposal submission. However, after initial proposal submission, the Government reserves the right to request certified cost or pricing data in accordance with DFARS 252.215-7008-Only One

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Offer. In the event certified cost or pricing data is required, the offeror may submit a written request for exception based on the applicable clauses contained herein.

In accordance with the DFARS 252.215-7010 Alt. I- Requirements for Certified Cost or Pricing Data and Data Other Than Certified Cost or Pricing Data, for its initial proposal submission, the offeror shall provide the data other than certified cost or pricing data outlined below to permit a determination that the proposed price is reasonable.

L.4.2.1 Proposal Structure: The Price factor volume includes data to support the reasonableness of the proposed price. Offerors may submit any other additional cost, price, and financial information it considers to be helpful in the Government's evaluation of its price proposal.

L.4.2.1.1 Proposed prices are to be stated in United States (U.S.) dollars only.

L.4.2.2 The Price factor volume includes the following:

L.4.2.2.1 Attachment 0013 EHP Roller Production Pricing Workbook.

The offeror shall submit a completed Attachment 0013 EHP Roller Production Pricing Workbook with a proposal; certified cost and pricing data is not required with the initial proposal submission. The offeror shall provide the data other than certified cost or pricing data outlined below in support of the evaluation

The Government may request additional or more detailed price breakdown data to support its determination of price reasonableness. Requested information may include Certified Cost or Pricing Data.

The offeror shall complete this workbook attachment in accordance with the instructions included on the Instructions to Offeror: tab. and propose firm fixed prices for all CLINs on subsequent tabs. The offeror shall not manipulate any formulas contained in the spreadsheet.

Note: The offeror shall NOT submit prices in Section B of this RFP. The data shall be submitted within this Microsoft Excel formatted workbook.

L.4.2.2.2 For the discount percentages and escalation proposed within Attachment 0013 EHP Roller Production Pricing Workbook, the offeror shall provide a narrative detailing how these percentage values were estimated.

L.4.2.2.3 For the production cost buildup proposed within Attachment 0013 EHP Roller Production Pricing Workbook on the tab titled CLIN 0011 Production Breakout, the offeror shall provide a narrative detailing how these unit price values were estimated for each ordering period.

L.5 Administrative-Volume III. The offer shall submit the following information:

L.5.1 Signature Actions/offeror Fill-Ins. The offeror shall submit a scanned image of a signed copy of the SF33 cover page, a copy of all completed fill-ins for Sections A through K, and (if applicable) a signed copy of all Amendments to the solicitation. System for Award Management (SAM) certifications need not be separately submitted; however, all offerors must be successfully registered and valid in SAM prior to award.

L.5.1.1 Where certifications and approved systems are required for an offeror, if the proposal is being submitted by a Joint Venture (JV), certifications and approved systems for the principals (partners) of the joint venture will be considered as valid for that offeror providing the necessary documentation from all principals (partners) is provided with the proposal.

L.5.1.2 J V: To be recognized as a JV and eligible for award, the membership arrangements of the JV must be identified and the company relationships fully disclosed in the offeror's proposal in accordance with FAR 9.603-Contractor Qualifications-Policy. A copy of the agreement establishing the JV must contain the signatures of all of the members comprising the JV.

L.5.2 The offerors proposal acceptance period in terms of calendar days from the date for receipt of offers specified in the RFP (See Section L.1.2).

L.5.3 Statement of Acknowledgement. A statement specifying the extent of agreement with all terms, conditions, and provisions of the RFP, and a statement of agreement to furnish and deliver the items or perform services set forth in the RFP in consideration for offerors proposed price(s) set opposite each item or service. Any disagreement with the attachments, exhibits, enclosures, or other solicitation terms, conditions, or documents may be determined to be a Deficiency and grounds for the PCO to reject the proposal from further consideration in the source selection process (Reference Section M.2.1).

L.5.4 Assumptions. The offeror shall consolidate and identify all offeror's generated "assumptions" contained anywhere in the proposal. The offeror shall include a statement that none of the "assumptions" contradict or take exception to any terms, conditions, or requirements of the solicitation. Any exceptions taken to the attachments, exhibits, enclosures, or other solicitation terms, conditions, or documents may be determined to be a Deficiency and grounds for the PCO to reject the proposal from further consideration in the source selection process (Reference Section M.2.1).

L.5.5 Assertion of Restrictions. The offeror shall include in its proposal submission, each of the following: Non-Commercial Technical Data, Non-Commercial Computer Software and Software Documentation, Commercial Technical Data, and Commercial Computer Software and Software Documentation on its Assertion of Restrictions listing required under DFARS 252.227-7017-Identification and Assertion of Use, Release or Disclosure Restrictions.. Omission of restrictions applicable to Commercial Technical Data and Commercial Software and Software Documentation from the DFARS 252.227-7017 Identification and Assertion of Use, Release or Disclosure Restrictions. will bar the offeror from asserting such a restriction upon delivery of the data, unless the omission would analogously qualify for the allowable post-award presentations based on the conditions provided in subsection (e) of either DFARS Provisions 252.227-7013- Rights in Technical Data Noncommercial Items or 252.227-7014- Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation. The offerors assertions list will be incorporated into the contract at time of award.

L.5.6 The offeror shall provide an affirmative statement that the offeror does not have an OCI as it applies to this solicitation. (Reference Section L.2.4)

L.5.7 If applicable, include the written consent of its proposed Subcontractor to allow the Government to discuss the subcontractor's

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past performance with the offeror.

\*\*\* END OF NARRATIVE L0001 \*\*\*

**L.1 HANDCARRIED OFFERS - INCLUDING OFFERS DELIVERED BY EXPRESS SERVICES (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.
- (e) Handcarried offers must be delivered to Building 255. Directions to U.S. Army TACOM Detroit Arsenal: 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 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.

**L.2 NOTICE OF REQUIREMENT TO SUBMIT CERTIFIED COST OR PRICING DATA AFTER PRICE AGREEMENT**

In accordance with DFARS 252.215-7010, if the offeror is not granted an exception from the requirement to submit certified cost or pricing data, the offeror must submit a Certificate of Current Cost or Pricing Data as soon as practicable after price agreement but before contract award. In order to reduce delays, the Contracting Officer requests the Certificate of Cost or Pricing Data be submitted no later than five (5) business days after price agreement.

**L.3 HQ-AMC LEVEL PROTEST PROCEDURES**

Complete AMC Protest Procedures can be found at: <http://www.amc.army.mil/Connect/Legal-Resources/>

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 NARRATIVE L0002 \*\*\*

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SECTION M - EVALUATION FACTORS FOR AWARD  
EVALUATION FACTORS FOR AWARD

M.1 Basis of Award

M.1.1 GENERAL The Government plans to award a Firm-Fixed-Price contract for the EHP Roller Production as a result of this solicitation. The Government may choose not to award a contract if such action is in the Governments best interest.

M.1.1.1 There are two evaluation factors:

- a. Past Performance Factor
- b.. Price Factor

The relative order of importance of these Factors are described in Section M.4 below.

M.1.1.2 It is the Governments intent to award one contract. Award will be made using the Trade Off source selection process IAW FAR 15.101-1-Tradeoff Process, which states award will be made to other than the lowest priced offeror or other than the highest technically rated offeror that is eligible for award. The Government will follow the source selection process set forth in Section M.3 below.

M.1.1.3 Importance of Price. Award will be made to the offeror whose proposal (1) is otherwise eligible for award. This may not be the offeror with the lowest evaluated Price Factor. However, the closer the Offeror's evaluations are to each other in those Factors other than the Price Factor, the more important the Price Factor becomes in the decision. Notwithstanding the relative order of importance of the two evaluation Factors stated herein, price may be controlling when:

- (a) Proposals are otherwise considered approximately equal in non-price factors; or
- (b) The advantages of a higher rated, higher priced proposal are not considered to be worth the price premium.

M.1.2 Eligibility for Award. Award will only be made to an offeror who is eligible for award. To be eligible for award:

a. The offeror must be registered in System for Award Management (SAM) (see provision 52.204-7); and must be a self-certified U.S. Small Business concern as defined by:

- (1) in FAR 19.001-Definitions and
- (2) by the criteria and size standards in FAR 19.102-Size Standards for North American Industry Classification System (NAICS) code 336992 in the SAM database; and

b. The offeror must be determined responsible (See Section M.3.5); and

c. The proposal must not contain a Deficiency(s) (per FAR Part 15.001-Definitions

d.

M.2 REJECTION OF OFFERS

M.2.1 The Government may reject any proposal if doing so is in the Government's best interest at any time after receipt of proposals. Examples include, but are not limited to, the following proposal conditions:

- a. The proposal fails to meaningfully respond to the instructions in Section L of this solicitation (i.e. a proposal provides some data, but omits significant material data and information required by Section L, fails to follow key proposal instructions or format requirements in Section L); or
- b. When a proposal merely offers to perform work according to the RFP terms or fails to present more than a statement indicating its capability to comply with the RFP terms and does not provide support and elaboration as specified in Section L of this solicitation.
- c. The proposal proposes exceptions to the solicitation requirements, attachments, exhibits, enclosures, or solicitation terms and conditions; or
- d. The proposal contains one or more OCIs that cannot be avoided or mitigated. Refer to Section L.3 of this solicitation, "Organizational Conflict of Interest."; or
- e. The proposal is unbalanced as to price. See Section M.4.2; or
- f. The proposals acceptance period does not meet the Governments required minimum acceptance period (Refer to Section L.1.2); or
- g. The proposal is not in English (American Standard) or in US Dollars; or
- h. A proposal submitted for less than all the requirements called for by this solicitation;

.

M.3 Source Selection Process.

M.3.1 Compliance Review. After receipt of proposals, but prior to the evaluation process, the Government will perform a compliance review of the offeror's proposal to determine the extent of compliance to the solicitation instructions, and whether the proposal meets any of the conditions listed in M.2, Rejection of Offerors.

M.3.2 Evaluation Process. Evaluated proposals which are eligible for award will be subject to the Source Selection Trade-off process, considering both the evaluation factors and their relative order of importance as cited in Section M.4, to identify the proposal which represents the best value to the Government. The Government will weigh the evaluated proposals (other than the Price Factor) against the total evaluated price to the Government. As part of the best value determination, the relative strengths and weaknesses of each offeror's proposal shall be considered, as specified below, in addition to the other evaluation methods described below. Selection of the successful offeror shall be made following an assessment of each proposal, based on the response to the information requested in Section L of this solicitation and against the solicitation requirements and the evaluation criteria described in Section M.

M.3.3 Source Selection Authority (SSA). The SSA is the official designated to direct the source selection process and select the offeror for contract award.

M.3.4 Source Selection Evaluation Board (SSEB). An SSEB has been established by the Government to evaluate proposals in response to this solicitation. The SSEB is comprised of technically qualified individuals who have been selected to conduct this evaluation in accordance with the evaluation criteria for this solicitation. Careful, full and impartial consideration will be given to the evaluation of all proposals received pursuant to this solicitation.

M.3.5 Award without Discussions: This RFP includes FAR Provision 52.215-1- Instructions to Offerors Competitive Acquisition in Section L

<p style="text-align: center;"><b>CONTINUATION SHEET</b></p>	<p style="text-align: center;"><b>Reference No. of Document Being Continued</b> W56HZV-16-R-0007</p> <p> <span style="float: left;">PIIN/SIIN</span> <span style="float: right;">MOD/AMD</span> </p>	<p style="text-align: right;"><b>Page 97 of 99</b></p>
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**Name of Offeror or Contractor:**

which advises offerors that the Government intends to make award without conducting discussions. Where awards will be made without discussions, exchanges with offerors are limited to Clarifications as defined in FAR 15.306(a)-Exchanges with Offerors After Receipt of Proposals. Therefore, the offerors initial proposal should contain the offerors best terms from a Price and non-Price Factor standpoint. However, under FAR 52.215-1(f)(4)- Instructions to Offerors-- Competitive Acquisition, the Government reserves the right to hold discussions, if necessary. If the PCO determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the PCO may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals.

M.3.6 Determination of Responsibility. Per FAR 9.103-Contractor Qualifications-Policy, the Government will place a contract only with an offeror that the PCO determines to be responsible, or refer the matter to the Small Business Administration per FAR 19.602. A prospective offeror, in order to be eligible for award for this acquisition, must be able to demonstrate it meets the standards of responsibility set forth in FAR 9.104. As a part of this determination, the PCO may utilize the offeror's proposed prices, as well as other information, to determine if the prospective contractor has adequate financial resources to perform the contract. The Government reserves the right to conduct a Pre-Award Survey on any or all offeror(s) or its subcontractors to aid the PCO in the evaluation of each offeror's proposal and ensure a selected offeror is responsible. To verify an offeror meets the responsibility criteria in FAR 9.104-General Standards, the Government reserves the right to request additional information, to include, but not limited to the following:

- (a) Arrange a visit to the offeror(s) plant/facility and perform a necessary Pre-Award Survey; or
- (b) Request an offeror provide financial, technical, production, or managerial background information. If an offeror does not submit the requested information within seven working days from the date of the receipt of the request, or if an offeror refuses to provide the Government access to its facility, the Government may determine the offeror to be non-responsible. If the Government visits the offeror's facility, the offeror shall ensure current data relevant to the proposal is available for Government personnel to review.

M.3.7 Consistency. Each volume of the offerors proposal shall be consistent with the other proposal volumes and shall demonstrate the understanding and ability to perform according to the statement of work in the solicitation.. The offeror should provide supporting documentation in sufficient detail to permit a complete evaluation of the proposal. The Government may conduct a crosswalk between the information provided in offerors proposal volumes to assess whether the offeror submits consistent proposal information. Any inconsistency between proposal volumes, which indicates the offeror has an inherent misunderstanding of the requirements or an inability to perform the resultant contract, may result in an offeror being assessed with increased risk in one or more Factors and/or ineligible for award.

M.4 Evaluation Factors. The Government will assess each Offeror in two factors: (1) Past Performance (2) Price.

- a. Factor 1: Past Performance (M.4.2)
- b. Factor 2: Price (M.4.3)

The relative order of importance is Past Performance is more important than Price... As required to be defined by FAR 15.304(e)-Evaluation Factors and Significant Subfactors, the non- cost/price factors, when combined, are significantly more important than cost/price.

L.4.1 Volume I Past Performance Factor

L.4.2 Volume II Price Factor

M.4.1.1 Past Performance Factor

L.X.1.5 Past Performance Questionnaire. A past performance questionnaire is provided in Attachment 012-EHP Roller Production Past Performance Questionnaire. For each contract submitted by the offeror, the offeror shall send a copy of the past performance questionnaire directly to the PCO. The offeror shall request that these individuals complete the questionnaire and forward it electronically directly to the Government at winslow.t.morrow.civ@mail.mil as soon as possible and prior to the RFP closing date (See Block #9 of the SF33 cover page to this solicitation) with the subject heading PAST PERFORMANCE INFORMATION FOR [Offeror name]. It is important the offeror work with the respondent to ensure that the questionnaire is sent to the Government prior to the RFP closing date.

M.4.1 Past Performance Factor-Volume I

M.4.1.1 The Government will conduct a Performance Confidence Assessment to establish a Confidence Assessment Rating for each offeror. The Confidence Assessment Rating assigned will be based on the offerors Recent and Relevant performance record and the expectation that the offeror will successfully perform the required effort described in L.4.1.2.

M.4.1.2 Contracts submitted in the Past Performance Factor volume of the offeror's proposal will not be considered if the Government determines them to be not Recent, nor Relevant, or lacking any credible past performance information. Offerors without a record of Recent and Relevant past performance information upon which to base a meaningful confidence assessment will be rated as "Neutral Confidence", which is neither favorable nor unfavorable.

M.4.1.3 The Government may contact any of the references the offeror provides, may utilize internal or external sources regarding past contract performance information, and reserves the right to use any information received as part of its evaluation.

M.4.1.4 Past performance which is identified in the offerors Past Performance Factor volume but is not supported with the information requested in Section L may be determined not Relevant. In addition, if any other proposal volume indicates the cited past performance is not intended to be used by the offeror during contract performance, the cited past performance may be determined not Relevant.

M.4.1.5 In evaluating the offeror's performance history, the Government may compare the offeror's delivery performance to the Contract's

<p style="text-align: center;"><b>CONTINUATION SHEET</b></p>	<p style="text-align: center;"><b>Reference No. of Document Being Continued</b> W56HZV-16-R-0007</p> <p> <span>PIIN/SIIN</span> <span>MOD/AMD</span> </p>	<p style="text-align: center;"><b>Page 98 of 99</b></p>
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**Name of Offeror or Contractor:**

original delivery schedule, unless the delay was Government-caused. Schedule extensions that were the fault of the offeror, even if consideration was provided, may be counted against the offeror.

M.4.3 Price Factor-Volume II

M.4.3.1 The Government will evaluate whether or not the offerors proposed prices are reasonable in accordance with FAR 15.404-1-Proposal Analysis Techniques and FAR 31.201-3-Determining Reasonableness-. A price is reasonable, if in its nature and amount, it does not exceed price that would be incurred by a prudent person in the conduct of competitive business. The Government may make a determination of price reasonableness by any means allowable under FAR 15.404-1(b) Price Analysis for Commercial and Non-Commercial Items.

M.4.3.2 The Price Factor evaluation will consider the Total Evaluated Price to the Government. The Total Evaluated Price is the sum of proposed prices for all CLINS, as calculated in Attachment 0013-EHP Roller Production Pricing Workbook. The Price Factor will result from a determination of the Total Evaluated Price.

M.4.3.2.1 Weighted Average Unit Price: For each CLIN with range pricing, the Government will calculate a weighted average unit price by first multiplying the unit prices proposed for each quantity range by the weighting percentages as stated in this attachment. The proposed price of each CLIN will then be based on multiplying the weighted average unit price by the CLIN quantities.

M.4.3.2.2 Price Reasonableness: The Government will also evaluate whether or not the offerors proposed price is reasonable. A price is reasonable if, in its nature and amount, it does not exceed a price which would be incurred by a prudent person in the conduct of competitive business. The Government may make a determination of price reasonableness by any means allowable under FAR 15.404-1-Proposal Analysis Techniques.

M.4.3.3 Unbalanced Pricing: The Government will evaluate the offerors proposed price for unbalanced pricing. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items or ranges is significantly over or understated as indicated by the application of cost and price analysis techniques. Offerors are cautioned that a proposal the Government assesses to be unbalanced as to price, may either be rejected or determined unacceptable for award. See FAR 15.404-1(g)- Proposal Analysis Techniques for regulations on unbalanced pricing.

\*\*\* END OF NARRATIVE M0001 \*\*\*

M.1 CONTRACTOR RESPONSIBILITY AND ELIGIBILITY FOR AWARD

- (a)The Government will 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,
  - (2) submits a bid or proposal that meets all the material requirements (including technical requirements of the specification, if applicable) of this solicitation, and
  - (3) meets all the responsibility criteria at FAR 9.104.
- (b) To make sure that an offeror meets the responsibility criteria at FAR 9.104 the Government may:
- (1) arrange a visit to the offerors plant and perform a preaward survey;
  - (2) ask the offeror to provide financial, technical, production, or managerial background information.
- (c) If the offeror does not provide the Government with the data requested within 7 days from the date the requested is received, or if the offeror refuses to have an onsite visit to the offerors facility, the Government may determine the offeror to be nonresponsible.
- (d) If the Government visits the offerors facility, please make sure that current certified financial statements and other data relevant to the bid or proposal available for Government personnel to review.

M.2 METHOD OF PRICE EVALUATION

- (a) The unit price for each year will be multiplied by the estimated annual requirement for the corresponding year, and the results for each year added together to produce the evaluated price for the total maximum quantity. Based on this method of evaluation, award will be made to the responsible offeror whose offer represents the lowest evaluated price, or, if applicable, represents the Best Value to the Government as outlined elsewhere in this solicitation.
- (b) If this solicitation contains quantities to be shipped FOB Origin, transportation cost will be evaluated as specified in EVALUATION OF TRANSPORTATION COSTS in this Section, and award will be made to the responsible offeror whose offer represents the lowest evaluated

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b> W56HZV-16-R-0007 <b>PIIN/SIIN</b> MOD/AMD	<b>Page 99 of 99</b>
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**Name of Offeror or Contractor:**

price including transportation costs, or, if applicable, represents the Best Value to the Government as outlined elsewhere in this solicitation.

\*\*\* END OF NARRATIVE M0002 \*\*\*

CONTRACT DATA REQUIREMENT LIST Form Approval OMB No. 0704-0188

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The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A.CONTRACT LINE ITEM NO.: 0070

B.EXHIBIT: A

C.CATEGORY:

D.SYSTEM/ITEM: EHP ROLLER TDP TM OTHER X

E.CONTRACT/PR NO.:

F.CONTRACTOR: TBD

1. DATA ITEM NO: A001  
2. TITLE: CONFERENCE AGENDA  
3. SUBTITLE: MEETING AGENDA  
4. AUTHORITY: DI-ADMIN-81249A (T)  
5. CONTRACT REFERENCE: C.4.1  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: D  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: AS REQ  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:

A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	1	0
15. Total:	0	1	1	0

16. REMARKS:

TAILORED: PARA 10.2L PERTINENT INFORMATION-IDENTIFYING NAME OF PRESENTERS.

BLK 10/12/13 THE CONTRACTOR SHALL SUBMIT ALL AGENDAS NO LATER THAN 10 CALENDAR DAYS PRIOR TO EACH CONFERENCE, MEETING, AUDIT, OR REVIEW. AFTER RECEIVING THE AGENDA, THE GOVERNMENT WILL PROVIDE COMMENTS WITHIN 3 BUSINESS DAYS. THE CONTRACTOR SHALL UPDATE AND RETURN THE AGENDA, BASED ON THE GOVERNMENTS FEEDBACK WITHIN 3 CALENDAR DAYS OF RECEIPT OF GOVERNMENT COMMENTS.

BLK 14 - THE CONTRACTOR SHALL INCLUDE A LETTER OF TRANSMITTAL WITH THIS CONTRACT DATA REQUIREMENTS LIST (CDRL) SUBMISSION.

THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE

H. DATE: 15 OCT 2018

I. APPROVED BY: ROBERT RAMOS

J. DATE: 15 OCT 2018

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The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP \_\_ TM \_\_ OTHER\_X\_\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A002  
2. TITLE: REPORT, RECORD OF MEETING/MINUTES  
3. SUBTITLE: MEETING MINUTES  
4. AUTHORITY: DI-ADMIN-81505(T)  
5. CONTRACT REFERENCE: C.4.1  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: D  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: ASREQ  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

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SFAE-CSS-TS-MR	0	1	1	0
15. Total:	0	1	1	0

TAILORED: PARA 10.2L PERTINENT INFORMATION-IDENTIFYING NAME OF PRESENTERS.

BLK 10/12/13 THE CONTRACTOR SHALL SUBMIT MEETING MINUTES WITHIN 5 BUSINESS DAYS FOLLOWING COMPLETION OF EACH CONFERENCE, MEETING, AUDIT, OR REVIEW. THE GOVERNMENT WILL REVIEW THE MEETING MINUTES AND PROVIDE COMMENTS WITHIN 3 BUSINESS DAYS. THE CONTRACTOR SHALL SUBMIT THE MEETING MINUTES WITH THE CHANGES AND COMMENTS INCORPORATED FROM THE GOVERNMENTS REVIEW, WITHIN 3 BUSINESS DAYS FOLLOWING RECEIPT OF THE GOVERNMENTS COMMENTS. THE GOVERNMENT WILL PROVIDE WRITTEN NOTIFICATION OF FINAL ACCEPTANCE TO THE CONTRACTOR.

BLK 14 - THE CONTRACTOR SHALL INCLUDE A LETTER OF TRANSMITTAL WITH THIS CDRL SUBMISSION.

THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:  
ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCTO 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018  
PAGE 1 OF 1

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The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_\_ TM\_\_\_ OTHER\_X\_\_\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A003  
2. TITLE: CONTRACTORS PERSONNEL ROSTER  
3. SUBTITLE: INTERNAL ORGANIZATIONAL LIST  
4. AUTHORITY: DI-MGMT-81834A  
5. CONTRACT REFERENCE: C.4.2  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: NO  
8. APP CODE: D  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: ASREQ  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: 30 DAC  
13. DATE OF SUBS. SUBMISSION: ASREQ

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	1	0
15. Total:	0	1	1	0

16. REMARKS:

BLK 10/12/13 THE CONTRACTOR SHALL PROVIDE THE GOVERNMENT A LIST OF KEY PERSONNEL SUPPORTING THIS CONTRACT NO LATER THAN 30 CALENDAR DAYS AFTER CONTRACT AWARD. THE CONTRACTOR SHALL UPDATE THE LIST WITHIN 5 CALENDAR DAYS IF THERE ARE ANY CHANGES AND/OR ADDITIONS TO KEY PERSONNEL.

BLK 14 - THE CONTRACTOR SHALL INCLUDE A LETTER OF TRANSMITTAL WITH THIS CDRL SUBMISSION.

THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188  
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A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP \_\_ TM \_\_ OTHER\_X\_\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A004  
2. TITLE: INTEGRATED PROGRAM MANAGEMENT REPORT  
3. SUBTITLE: INTEGRATED MASTER SCHEDULE (IMS)  
4. AUTHORITY: DI-MGMT-81861A (T)  
5. CONTRACT REFERENCE: C.4.3  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: NO  
8. APP CODE: D  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: ASREQ  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:  
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	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR0	1	1	0	
15. Total:	0	1	1	0

16. REMARKS: FORMAT 6 ONLY. WITHIN FORMAT 6, DELETE 3.7.1.3.6 AS MICROSOFT PROJECT DOES NOT HAVE THIS CAPABILITY.

BLK 7 THE CONTRACTOR SHALL SUBMIT INITIAL, INTERIM, AND FINAL CDRL DELIVERIES WITH A LETTER OF TRANSMITTAL. THE GOVERNMENT WILL NOTIFY THE CONTRACTOR OF FINAL ACCEPTANCE VIA LETTER OF TRANSMITTAL. IF THE GOVERNMENT FINDS THE CDRL DEFICIENT AND IS UNABLE TO ACCEPT IT, THE PCO WILL PROVIDE A NOTICE DETAILING THE DEFICIENCIES.

BLK 10/12/13 THE CONTRACTOR SHALL MAINTAIN THIS CDRL THROUGHOUT THE LIFE OF THIS CONTRACT. THE CONTRACTOR SHALL SUBMIT THE FIRST IMS 30 CALENDAR DAYS AFTER CONTRACT AWARD. THE CONTRACTOR SHALL SUBMIT UPDATES ON A MONTHLY BASIS.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

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The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP \_\_\_\_ TM\_\_\_\_ OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A005  
2. TITLE: CONTRACTORS PROGRESS, STATUS AND MANAGEMENT REPORT  
3. SUBTITLE: CONTRACTOR PERFORMANCE REPORT  
4. AUTHORITY: DI-MGMT-80227 (T)  
5. CONTRACT REFERENCE: C.4.5  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: QRTLY  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	1	0
15. Total:	0	1	1	0

16. REMARKS:

TAILORED: DELETE 10.3 (I) THROUGH AND INCLUDING 10.3 (9).

BLK 7 A DD 250 IS DUE WITH THE LAST CDRL SUBMISSION ONLY.

BLK 10/12/13 THIS CDRL IS A LIFE OF CONTRACT DELIVERY, THE CONTRACTOR SHALL SUBMIT REPORTS ON A QUARTERLY BASIS IN SUPPORT OF CONTRACT, BEGINNING 90 CALENDAR DAYS AFTER CONTRACT AWARD.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_\_ TM\_\_\_ OTHER\_X\_\_\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A006  
2. TITLE: PRODUCTION STATUS REPORT  
3. SUBTITLE: PRODUCTION STATUS REPORT  
4. AUTHORITY: DI-MGMT-81255 & NOT 1  
5. CONTRACT REFERENCE: C.5.1.1  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: QRTLY  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

DRAFT HARDCOPY

DRAFT ELECTRONIC

FINAL ELECTRONIC

FINAL CD-ROM

SFAE-CSS-TS-MR	0	1	1	0
15. Total:	0	1	1	0

16. REMARKS:

BLK 7 A DD 250 IS DUE WITH THE LAST CDRL SUBMISSION.

THE CONTRACTOR SHALL DEVELOP AND DISTRIBUTE A PRODUCTION STATUS REPORT QUARTERLY. THIS REPORT SHALL INCLUDE: QUANTITIES COMPLETED,

CURRENT PRODUCTION LINE STATUS, INCOMPLETE ASSETS, WORK IN PROCESS (WIP), PRODUCTION SCHEDULE UPDATE(S), PRODUCTION PART SHORTAGES, LONG LEAD TIME ITEMS AND ANY OTHER ISSUES OR CONCERNS RELATED TO PRODUCTION.

THE CONTRACTOR MAY USE ANY MICROSOFT FORMAT.

BLK 10/12/13 THIS CDRL IS A LIFE OF CONTRACT DELIVERY, THE CONTRACTOR SHALL SUBMIT REPORTS ON A QUARTERLY BASIS, BEGINNING 90 CALENDAR DAYS AFTER CONTRACT AWARD AT THE QUARTERLY CONTRACT STATUS REVIEW.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_ TM\_\_ OTHER\_X\_\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A007  
2. TITLE: SCIENTIFIC AND TECHNICAL REPORTS  
3. SUBTITLE: WORK INSTRUCTIONS  
4. AUTHORITY: DI-MISC-80711A  
5. CONTRACT REFERENCE: C.6.2  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: NO  
8. APP CODE: A  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: R/ASR  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:

A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	1	0
15. Total:	0	1	1	0

16. REMARKS:

THE CONTRACTOR SHALL DEVELOP, IMPLEMENT, AND MAINTAIN STEP-BY-STEP ASSEMBLY WORK INSTRUCTIONS. WORK INSTRUCTIONS WILL BE CONSIDERED A LIVING DOCUMENT. ANY CHANGES MADE TO THE WORK INSTRUCTIONS WILL REQUIRE PRIOR APPROVAL FROM THE QUALITY ASSURANCE MANAGER AND PdM MRAP VS.

THE GOVERNMENT WILL VERIFY WORK INSTRUCTIONS DURING THE FIRST PRODUCTION ASSET INSPECTION AND WORK INSTRUCTIONS WILL BE USED THROUGHOUT THE PERFORMANCE OF THE CONTRACT. THE CONTRACTOR MAY USE MICROSOFT FORMAT.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A008  
2. TITLE: FINAL INSPECTION RECORD (FIR)  
3. SUBTITLE: FINAL INSPECTION RECORD  
4. AUTHORITY: DI-QCIC-81068A  
5. CONTRACT REFERENCE: C.6.4, C.6.12  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: AS REQ  
11. AS OF DATE: SEE BLOCK 16  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16

13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:

A. ADDRESSEE: B. COPIES

DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1 1	0
15. Total:	0	1 1	0

16. REMARKS:

THE CONTRACTOR SHALL DEVELOP, IMPLEMENT, AND MAINTAIN A FINAL INSPECTION RECORD FOR EVERY EHP ROLLER BUILT. THE CONTRACTOR SHALL SUBMIT THIS INFORMATION FOR EACH ASSET: SERIAL NUMBER, PRODUCTION DATE, CONDITION CODE, APPLICABLE BUILD INSTRUCTIONS, INSPECTION POINTS, PARTS DEFICIENCIES, INSPECTION RECORDS, AND INSPECTOR INITIALS. MICROSOFT FORMAT MAY BE USED. THE CONTRACTOR SHALL SUBMIT A DRAFT FIR WITHIN 90 DAYS OF INSPECTION. THE GOVERNMENT WILL REVIEW AND SEND COMMENTS WITHIN 30 DAYS. THE CONTRACTOR SHALL INCORPORATE COMMENTS AND RETURN TO THE GOVERNMENT WITHIN 30 DAYS FORM RECEIPT OF COMMENTS.

THE FIR IS A LIVING DOCUMENT AND MAY BE CHANGED AT ANY TIME BY EITHER THE GOVERNMENT OR CONTRACTOR WITH GOVERNMENT APPROVAL.

THE CONTRACTOR SHALL SUBMIT THE FIR ELECTRONICALLY TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS  
QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A009  
2. TITLE: LOGISTICS PRODUCT DATA SUMMARIES  
3. SUBTITLE: BUILD BOOK  
4. AUTHORITY: DI-SESS-81759A  
5. CONTRACT REFERENCE: C.6.8  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: A  
10. FREQUENCY: AS REQ  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES			
	FINAL HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	1	1	1	0
15. Total:	1	1	1	0

16. REMARKS:

THE BUILD BOOK SHOULD CONSIST OF ALL THE DOCUMENTATION ASSOCIATED WITH A COMPLETELY ASSEMBLED ASSET. THESE DOCUMENTS SHOULD INCLUDE: A COMPLETED IN-PROCESS INSPECTION SHEET, PRODUCT TRAVELER, FORM CONTAINING ANY DEFICIENCIES FOUND DURING THE ASSEMBLY OF THE ASSET, COMPLETED PARTS SHORTAGE LIST, IUID INFORMATION, CRITICAL CHARACTER TORQUE VERIFICATION SHEET, AND FINAL INSPECTION OR COMPLETED BENCH TEST FORM.

THE CONTRACTOR SHALL SUBMIT AN ELECTRONIC COPY TO THE GOVERNMENT WITHIN 30 DAYS UPON COMPLETION OF EACH ASSET. THE GOVERNMENT WILL REVIEW THE SUBMISSION AND PROVIDE COMMENTS WITHIN 30 DAYS. THE CONTRACTOR SHALL INCORPORATE THE COMMENTS AND RESUBMIT THE BUILD BOOK TO THE GOVERNMENT WITHIN 30 DAYS FROM RECEIPT OF COMMENTS. THE CONTRACTOR SHALL RETAIN A COPY OF ALL DOCUMENTS FOR 5 YEARS AFTER THE COMPLETION OF THIS CONTRACT.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_\_ TM\_\_\_ OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1.	DATA ITEM NO:	A010
2.	TITLE:	PRODUCT QUALITY ASSURANCE TEST, DEMONSTRATION AND EVALUATION PLAN
3.	SUBTITLE:	FIRST PRODUCTION ASSET INSPECTION PLAN
4.	AUTHORITY:	DI-QCIC-81199
5.	CONTRACT REFERENCE:	C.6.9, C.6.10
6.	REQUIRING OFFICE:	SFAE-CSS-TS-MR
7.	DD250 REQ:	LT
8.	APP CODE:	A
9.	DIST. STATEMENT REQ:	C
10.	FREQUENCY:	AS REQ
11.	AS OF DATE:	90 DAC

12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	1
15. Total:	0	1	1

16. REMARKS:

THE CONTRACTOR SHALL DELIVER THE FIRST PRODUCTION ASSET INSPECTION PLAN 30 CALENDAR DAYS PRIOR TO THE START OF FIRST PRODUCTION ASSET INSPECTION. THE GOVERNMENT WILL REVIEW/PROVIDE COMMENTS WITHIN 30 DAYS. THE CONTRACTOR SHALL INCORPORATE COMMENTS AND RETURN THE PLAN TO THE GOVERNMENT WITHIN 30 DAYS FROM RECEIPT OF COMMENTS.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018

PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_ OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A011  
1. TITLE: QUALITY INSPECTION TEST, DEMONSTRATION, AND EVALUATION REPORT  
2. SUBTITLE: FIRST PRODUCTION ASSET INSPECTION REPORT  
3. AUTHORITY: DI-QCIC-81200  
4. CONTRACT REFERENCE: C.6.11  
5. REQUIRING OFFICE: SFAE-CSS-TS-MR  
6. DD250 REQ: LT  
7. APP CODE: A  
8. DIST. STATEMENT REQ: C  
9. FREQUENCY: AS REQ  
10. AS OF DATE: N/A  
11. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
12. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

13. DISTRIBUTION:

A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	1	0
15. Total:	0	1	1	0

16. REMARKS:

THE CONTRACTOR SHALL DELIVER THE FIRST PRODUCTION ASSET INSPECTION REPORT IN CONTRACTORS FORMAT 30 CALENDAR DAYS AFTER THE PRODUCTION ASSET INSPECTION. FORMAT. THE GOVERNMENT WILL REVIEW AND PROVIDE COMMENTS WITHIN 30 DAYS. THE CONTRACTOR SHALL RESUBMIT THE REPORT WITH INCORPORATED COMMENTS 30 DAYS AFTER RECEIPT OF GOVERNMENT COMMENTS.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018

PAGE 1 OF 1

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CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY: Management  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO. A012  
2. TITLE OF DATA ITEM: TECHNICAL REPORT/STUDY SERVICES  
3. SUBTITLE: TEST ASSET REFURBISHMENT REPORT  
4. AUTHORITY: DI-MISC-80508B  
5. CONTRACT REFERENCE: C.6.21  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT 8. APP CODE: A  
9. DIST. STATEMENT REQUIRED: C  
10. FREQUENCY: ONE/P  
11. AS OF DATE:  
12. DATE OF FIRST SUB: AS REQ  
13. DATE OF SUBS.SUB: SEE BLK 16  
14. DISTRIBUTION:

A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL HARDCOPY	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	0	1	

15. TOTAL:  
16. REMARKS:

THE CONTRACTOR SHALL SUBMIT A DETAILED INSPECTION AND ASSESSMENT REPORT ON EACH TEST ASSET WITHIN 15 CALENDAR DAYS OF RECEIPT OF THE FIRST ARTICLES FROM FIRST ARTICLE TEST (FAT) FOR GOVERNMENT REVIEW. THE GOVERNMENT WILL REVIEW THE REPORT WITHIN 30 DAYS AND PROVIDE DIRECTION ON THE REQUIRED TASKS THAT THE CONTRACTOR SHALL PERFORM. WITHIN 30 DAYS OF THE PCOS WRITTEN DIRECTION, THE CONTRACTOR SHALL SUBMIT A PRICE PROPOSAL TO REFURBISH THE TEST ASSETS IN ACCORDANCE WITH THE SPECIFICATIONS FOUND IN ATTACHMENT 0001 - EHP ROLLER TDP AND TO A LIKE NEW CONDITION. THE CONTRACTOR SHALL MAKE SURE ALL ASSETS COMPLY WITH CONDITION CODE A AS DETAILED IN:

[http://www.dlmsso.dla.mil/eLibrary/Manuals/MILSTRAP/html/029\\_AP2.05\\_FederalConditionCodes\\_CH4.htm](http://www.dlmsso.dla.mil/eLibrary/Manuals/MILSTRAP/html/029_AP2.05_FederalConditionCodes_CH4.htm)  
BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A013  
2. TITLE: FAILURE ANALYSIS AND CORRECTIVE ACTION REPORT  
3. SUBTITLE: CORRECTIVE ACTION REPORT (CAR)  
4. AUTHORITY: DI-SESS-80255A

5. CONTRACT REFERENCE: C.6.24.2, C.6.26.2  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: A  
10. FREQUENCY: ASREQ  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL HARDCOPY	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	0	1	0
15. Total:	0	1	0	1	0

16. REMARKS:

BLK 10/11/12/13 - DURING TESTING AND PRODUCTION, IF NEEDED, THE CONTRACTOR SHALL SUBMIT A CORRECTIVE ACTION REPORT (CAR) WITHIN SEVEN CALENDAR DAYS OF THE FINDING. THE GOVERNMENT WILL REVIEW AND PROVIDE COMMENTS WITHIN 30 CALENDAR DAYS; THE CONTRACTOR SHALL INCORPORATE GOVERNMENT COMMENTS AND RESUBMIT WITHIN SEVEN CALENDAR DAYS. BOTH PRELIMINARY AND FINAL REPORTS CAN BE SUBMITTED IN CONTRACTORS FORMAT. ALL CARS WILL BE REVIEWED BY THE CONTRACTOR AND GOVERNMENT AT THE QUARTERLY QAMM.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A014  
2. TITLE: QUALITY DEFICIENCY REPORT  
3. SUBTITLE: PRODUCT QUALITY DEFICIENCY REPORTS (PQDR)  
4. AUTHORITY: DI-QCIC-80736

5. CONTRACT REFERENCE: C.6.26  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: A  
10. FREQUENCY: SEE BLOCK 16

11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:

A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL HARDCOPY	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	0	1	0
15. Total:	0	1	0	1	0

16. REMARKS:

BLK 10/11/12/13 - THE CONTRACTOR SHALL PROVIDE A WRITTEN RESPONSE (ELECTRONICALLY) WITHIN 72 HOURS TO ALL USER GENERATED FIELD REPORTS. THE CONTRACTOR SHALL INVESTIGATE AND PROVIDE ROOT CAUSE FAILURE ANALYSIS AND CORRECTIVE ACTION FOR ALL PQDRS GENERATED AGAINST PRODUCTS OR SUPPLIES PRODUCED UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE GOVERNMENT; THIS ACTION INCLUDES REPLACEMENT OF PARTS OR COMPONENTS DETERMINED TO BE DEFICIENT OR ATTRIBUTABLE TO WORKMANSHIP/PRODUCT NONCONFORMANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SHIPPING THE PQDR EXHIBIT(S) TO THE DESIGNATED LOCATION.

PRODUCT QUALITY DEFICIENCY REPORTS THAT RELATE TO A SAFETY ISSUE SHALL REQUIRE A WRITTEN RESPONSE (ELECTRONICALLY) WITHIN 24 HOURS. THE CONTRACTOR SHALL PROVIDE THE FINAL WRITTEN RESPONSE TO PQDRS WITHIN 20 CALENDAR DAYS OF RECEIPT OF THE PQDR.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E. CONTRACT/PR NO.:

F. CONTRACTOR: TBD

1.	DATA ITEM NO.	A015			
2.	TITLE OF DATA ITEM:	REQUEST FOR VARIANCE			
3.	SUBTITLE:	REQUEST FOR VARIANCE (RFV)			
4.	AUTHORITY:	DI-SESS-80640D			
5.	CONTRACT REFERENCE:	C.7.2.1			
6.	REQUIRING OFFICE:	SFAE-CSS-TS-MR			
7.	DD250 REQ:	LT			
8.	APP CODE:	A			
9.	DIST. STATEMENT REQUIRED:	C			
10.	FREQUENCY:	ONE/R			
11.	AS OF DATE:	N/A			
12.	DATE OF FIRST SUB	SEE BLOCK 16			
13.	DATE OF SUBS.SUB:	SEE BLOCK 16			
14.	DISTRIBUTION:				
A. ADDRESSEE:		B. COPIES			
	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL HARDCOPY	FINAL ELECTRONIC	FINAL CD-ROM
	SFAE-CSS-TS-MR	0	1	0	1
15.	TOTAL:				
16.	REMARKS:				

BLK 12 - THE CONTRACTOR SHALL DELIVER THE RFV TO THE GOVERNMENT IN THE CONTRACTORS FORMAT.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

B. PREPARED BY: LINDA SKIDMORE  
C. DATE: 15 OCT 2018  
D. APPROVED BY: ROBERT RAMOS  
E. DATE: 15 OCT 2018

reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER  
E. TDP TM OTHER X  
F. CONTRACT/PR NO.:  
G. CONTRACTOR: TBD

1. DATA ITEM NO: A016  
2. TITLE: ENGINEERING CHANGE PROPOSAL (ECP)  
3. SUBTITLE: ENGINEERING CHANGE PROPOSALS (ECPS)  
4. AUTHORITY: DI-SESS-80639D  
5. CONTRACT REFERENCE: C.7.3.1  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: R/ASR  
11. AS OF DATE: AS REQ  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: AS REQUIRED

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

SFAE-CSS-TS-MR	DRAFT HARDCOPY 0	DRAFT ELECTRONIC 1	FINAL HARDCOPY 0	FINAL ELECTRONIC 1	FI
NAL CD-ROM					
0					
DOCUMENT TO SUPPORT IPR					
EACH IPR	0	1	20	0	0
15. Total:	0	1	20	1	0

16. REMARKS:

BLK - 10/11/12/13 - THE GOVERNMENT WILL REVIEW THE ECP WITHIN 30 CALENDAR DAYS OF RECEIPT IAW MIL-HDBK-61A, CONFIGURATION CONTROL. ONCE THE ECP IS APPROVED AND INCORPORATED, THE CONTRACTOR SHALL DELIVER NEW/REVISED ECP DATA.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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H. CONTRACT LINE ITEM NO.: 0070  
I. EXHIBIT: A  
J. CATEGORY:  
K. SYSTEM/ITEM: EHP ROLLER  
L. TDP TM OTHER X  
M. CONTRACT/PR NO.:  
N. CONTRACTOR: TBD

1. DATA ITEM NO: A017  
2. TITLE: TECHNICAL REPORT-STUDY/SERVICE  
3. SUBTITLE: WARRANTIES LIST  
4. AUTHORITY: DI-SESS-80639D  
5. CONTRACT REFERENCE: C.7.6.1  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: R/ASR  
11. AS OF DATE: AS REQ  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: AS REQUIRED

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

SFAE-CSS-TS-MR	DRAFT HARDCOPY 0	DRAFT ELECTRONIC 1	FINAL HARDCOPY 0	FINAL ELECTRONIC 1	FI
NAL CD-ROM					
0					
DOCUMENT TO SUPPORT IPR					
EACH IPR	0	1	20	0	0
15. Total:	0	1	20	1	0

16. REMARKS:

TAILORED: THE CONTRACTOR SHALL PROVIDE A LIST OF WARRANTED ITEMS IN THE CONTRACTORS FORMAT; THE CONTRACTOR SHALL INCLUDE SUBCONTRACTOR AND VENDOR/SUPPLIER WARRANTIES.

THE GOVERNMENT WILL REVIEW THE INFORMATION FOR TECHNICAL CONTENT. IF THE INFORMATION IS RETURNED TO THE CONTRACTOR FOR CORRECTIONS, THE CONTRACTOR SHALL RESUBMIT THE LIST WITHIN 30 DAYS. THE CONTRACTOR SHALL SUBMIT UPDATES TO THE WARRANTIES LIST AS ANY CHANGES TO THE LIST OR THE NOTED WARRANTY OCCUR. THE CONTRACTOR SHALL UPDATE THE WARRANTIES LIST WITHIN FIVE WORKING DAYS OF COMPLETION OF A REPAIR.

THE DATA BASE SHALL, AT A MINIMUM, CONTAIN THE FOLLOWING: SERIAL NUMBER, NSN, MODEL NUMBER, NSN AND PN OF REPLACED PART(S), NOMENCLATURE OF REPLACED PARTS, COST OF REPAIR PART(S), UNIT COMPLETE ADDRESS, REPAIR COMPLETION DATE, AND DENIED CLAIMS.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

K. PREPARED BY: LINDA SKIDMORE  
L. DATE: 15 OCT 2018  
M. APPROVED BY: ROBERT RAMOS  
N. DATE: 15 OCT 2018

PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A018  
2. TITLE: WARRANTY PERFORMANCE REPORT  
3. SUBTITLE: WARRANTY PERFORMANCE REPORT  
4. AUTHORITY: DI-SESS-81639A  
5. CONTRACT REFERENCE: C.7.6.2  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: ASREQ  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

SFAE-CSS-TS-MR DRAFT HARDCOPY  
0 FINAL ELECTRONIC  
1 FINAL CD-ROM 0

DOCUMENT TO SUPPORT IPR

EACH IPR	0	0	0	0
15. Total:	0	1	0	

16. REMARKS:

PARAGRAPH 2.1.2 - DELETE SUBPARAGRAPHS F, G, J, N AND P.

PARAGRAPH 2.1.2, SUBPARAGRAPH O - DELETE 'FROM CONTRACT AWARD TO THE END OF THE REPORTING PERIOD.' PARAGRAPH 2.1.6 - DELETE 'FROM CONTRACT AWARD TO THE END DATE.'

IF A WARRANTY ISSUE OCCURS, THE CONTRACTOR SHALL SUBMIT THIS REPORT IN CONTRACTOR FORMAT VIA EMAIL WITHIN 30 DAYS OF A PERFORMANCE ISSUE. HE REPORT SHALL INCLUDE THE NUMBER OF OPERATING HOURS ON THE EHP ROLLER AT THE TIME OF FAULT, THE WARRANTY IMPLEMENTATION DATE, EHP ROLLER SERIAL NUMBER, SHIPPING ADDRESS AND DODAAC.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_ TM\_\_OTHER\_X\_\_\_\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A019  
2. TITLE: LOGISITIC MANAGEMENT INFORMATION (LMI) DATA PRODUCTS  
3. SUBTITLE: IUID MARKING LIST  
4. AUTHORITY: DI-ALSS-81529  
5. CONTRACT REFERENCE: C.8.2  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: R/ASR  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

SFAE-CSS-TS-MR DRAFT HARDCOPY 0 DRAFT ELECTRONIC 1 FINAL ELECTRONIC FINAL CD-ROM 1 0

EACH IPR

0 DOCUMENT TO SUPPORT IPR  
1 0  
0

15. Total: 0 2 1 0

16. REMARKS:

BLK 10/12/13 - THE CONTRACTOR SHALL MARK ALL ITEMS IDENTIFIED BY THE GOVERNMENT IN ATTACHMENT 0010-IUID MARKING PLAN WITH THE APPROPRIATE IUID, AS REQUIRED IN THE CONTRACT. IF THERE IS AN ADDED OR MODIFIED IUID ITEM, THE CONTRACTOR SHALL SUBMIT AN IUID MARKING PLAN FOR THAT ITEM TO THE GOVERNMENT WITHIN 14 CALENDAR DAYS OF THE PROPOSED CHANGE. THE GOVERNMENT WILL REVIEW AND PROVIDE COMMENTS OR APPROVAL WITHIN 14 CALENDAR DAYS. IF COMMENTS NEED TO BE ADDRESSED, THE CONTRACTOR SHALL RESUBMIT THE PLAN WITHIN 7 CALENDAR DAYS. GOVERNMENT RECEIPT OF DOCUMENTATION DOES NOT CONSTITUTE ACCEPTANCE. THE CONTRACTOR CAN ONLY INVOICE UPON FINAL GOVERNMENT ACCEPTANCE.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED VEHICLE SYSTEMS  
QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED VEHICLE SYSTEMS  
LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER  
TDP TM OTHER X  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A020  
2. TITLE: UNIQUE IDENTIFICATION (IUID) MARKING AND VERIFICATION REPORT  
3. SUBTITLE: INDIVIDUAL UNIQUE IDENTIFICATION MARKING ACTIVITY, VALIDATION  
& VERIFICATION REPORT  
4.  
5. AUTHORITY: DI-MGMT-81858, MIL-STD-130N WITH CHANGE I 5. CONTRACT REFERENCE: C.8.6.2, C.8.6.3,  
C.8.6.4  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQ: SEE C.3.4 & C.3.5

10. FREQUENCY: R/ASR  
 11. AS OF DATE: SEE BLOCK 16  
 12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
 13. DATE OF SUBS. SUBMISSION: AS REQUIRED

14. DISTRIBUTION:  
 A. ADDRESSEE: B. COPIES

SFAE-CSS-TS-MR	DRAFT HARDCOPY			
0	DRAFT ELECTRONIC			
1	FINAL ELECTRONIC	FINAL CD-ROM 1		0
EACH IPR				
0	DOCUMENT TO SUPPORT IPR			
1	0			
0				
15. Total:	0	2	1	0

16. REMARKS:  
 THE CONTRACTOR SHALL PROVIDE A RAW SCAN OF ALL Unique Item Identifiers (UII) REQUIRED FOR A SHIPMENT WITHIN SEVEN DAYS PRIOR TO THE SHIP DATE. THE GOVERNMENT WILL APPROVE OR PROVIDE COMMENTS WITHIN SEVEN DAYS. IF REQUIRED, THE CONTRACTOR WILL REVISE THE SCAN AND RESUBMIT TO THE GOVERNMENT. ONCE APPROVED, THE CONTRACTOR SHALL FURNISH IUID DATA TO THE IUID REGISTRY. THE CONTRACTOR SHALL REGISTER ALL IUIDS WITH THE DOD IUID REGISTRY AND SHALL ENSURE ALL ITEM PARENT/CHILD RELATIONSHIPS ARE ACCURATELY RECORDED IN THE IUID REGISTRY. ALL NEW ACQUISITIONS ITEMS WITH UIIS ARE AUTOMATICALLY REGISTERED IN THE IUID REGISTRY UPON ACCEPTANCE BY DOD OF THE ITEM THROUGH IRAPT/WAWF. DATA SUBMISSION OF IUID DATA AND ACQUISITION COST SHOULD BE SUBMITTED VIA IRAPT/WAWF. IUID REGISTRATION SHALL BE IN ACCORDANCE WITH MIL-STD-130N AND DOD GUIDE TO UNIQUELY IDENTIFY ITEMS.

THE CONTRACTOR SHALL DELIVER AN IUID VALIDATION AND VERIFICATION REPORT IN ACCORDANCE WITH DI-MGMT-81804A AND MIL-STD 130N IN THE CONTRACTORS FORMAT REPORTING THE RESULTS OF UII VALIDATION AND VERIFICATION (PASS/FAIL) OF EVERY EHP ROLLER PRODUCED. THE CONTRACTOR SHALL SUBMIT MONTHLY ON THE 28TH OF THE MONTH, OR THE NEXT BUSINESS DAY. GOVERNMENT RECEIPT OF DOCUMENTATION DOES NOT CONSTITUTE ACCEPTANCE. PDM MRAP VS WILL PROVIDE NOTICE OF ACCEPTANCE FOR DOCUMENTATION THROUGH THE PCO TO CONTRACTOR WITHIN THE ESTABLISHED TIME FRAME AND GUIDELINES CALLED OUT IN THE SCOPE OF WORK AND APPLICABLE CDRLS. ALL SUBMITTALS WILL BE ACCOMPANIED BY A LETTER OF TRANSMITTAL.

THE CONTRACTOR SHALL ELECTRONICALLY SUBMIT TO THE FOLLOWING:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

LOGISTICS MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
 H. DATE: 15 OCT 2018  
 I. APPROVED BY: ROBERT RAMOS  
 J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_ OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO. A021  
2. TITLE OF DATA ITEM: DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES (DMSMS)  
3. SUBTITLE: DMSMS PLAN  
4. AUTHORITY: DI-PSSS-81656A  
5. CONTRACT REFERENCE: C.10.1  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQUIRED: C  
10. FREQUENCY: ONE/R  
11. AS OF DATE:  
12. DATE OF FIRST SUB SEE BLOCK 16  
13. DATE OF SUBS.SUB: SEE BLOCK 16  
14. DISTRIBUTION:

A. ADDRESSEE:	B. COPIES				
DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL HARDCOPY	FINAL ELECTRONIC	FINAL CD-ROM	SFAE-CSS-TS-MR
0	1	1		0	1

15.  
16. REMARKS:

TOTAL: THE CONTRACTOR SHALL RE-EVALUATE THE MANAGEMENT PLAN AND REVISE IF NEW TECHNOLOGIES HAVE BEEN DEVELOPED TO MANAGE DMSMS AND OBSOLESCENCE. THE CONTRACTOR SHALL INFORM THE GOVERNMENT IMMEDIATELY ONCE IT HAS BEEN DETERMINED THAT A PART HAS BEEN IDENTIFIED AS DIMINISHING OR OBSOLETE. THE CONTRACTOR SHALL PROVIDE THE ENGINEERING BILL OF MATERIAL (E-BOM) IN AN EXCEL SPREADSHEET.

BLK 12 - SUBMIT A PROACTIVE DMSMS MANAGEMENT PLAN COMPLIANT WITH THE SPIRIT AND INTENT OF DOD DMSMS GUIDEBOOK (SD-22) SEPTEMBER 2010 IF DIMINISHING MANUFACTURING SOURCES AND MATERIAL SHORTAGES OCCUR.

THE GOVERNMENT WILL REVIEW AND PROVIDE COMMENTS WITHIN 15 DAYS AFTER RECEIPT.

BLK 13 THE CONTRACTOR SHALL RESUBMIT THE DMSMS AS NECESSARY WITHIN 15 DAYS AFTER RECEIPT OF GOVERNMENT COMMENTS.

BLK 14 - ALL DELIVERIES SHALL BE ON SUBMITTED ELECTRONICALLY IN MICROSOFT OFFICE COMPLIANT FORMAT.

THE CONTRACTOR SHALL MAKE SUBMISSIONS TO:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018  
I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018 PAGE 1 OF 1

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO. A022  
2. TITLE OF DATA ITEM: CORROSION PREVENTION AND CONTROL PLAN  
3. SUBTITLE: CORROSION PREVENTION AND CONTROL PLAN  
4. AUTHORITY: DI-MFFP-81403A  
5. CONTRACT REFERENCE: C.11.1  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQUIRED: C  
10. FREQUENCY: ONE/R  
11. AS OF DATE:  
12. DATE OF FIRST SUB SEE BLOCK 16  
13. DATE OF SUBS.SUB: SEE BLOCK 16  
14. DISTRIBUTION:

A. ADDRESSEE:		B. COPIES					
DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL HARDCOPY	FINAL ELECTRONIC	FINAL CD-ROM	SFAE-CSS-TS-MR	0	1
0		1	1				

15. TOTAL:  
16. REMARKS:

TAILORED:

UPDATE SECTION 7.1 AND 10, REPLACE PARA 5.1.1. OF MIL-STD-1568 WITH 2.2.3.2 OF CORROSION PREVENTION AND CONTROL PLANNING GUIDEBOOK SPIRAL 3; UPDATE SECTION 7.4 & 10.4.2, REPLACE AIRFRAME WITH CHASSIS; UPDATED SECTION 7.4 & 10.4.4, REPLACE MECHANICAL WITH INTERIOR AND EXTERIOR MECHANICAL; UPDATE SECTION 7.4 & 10.4.5, REPLACE AVIONICS WITH INTERIOR AND EXTERIOR ELECTRICAL/ELECTRONICS. THE CONTRACTOR SHALL UNDERSTAND THAT SUPPORT EQUIPMENT INCLUDES COMMERCIAL OFF THE SHELF ITEMS AND GOVERNMENT FURNISHED ITEMS.

Blocks 7, 10, 12, 13:

BLK 7 THE CONTRACTOR SHALL SUBMIT INITIAL, INTERIM, AND FINAL CDRL DELIVERIES WITH A LETTER OF TRANSMITTAL. THE GOVERNMENT WILL NOTIFY THE CONTRACTOR OF FINAL ACCEPTANCE VIA LETTER OF TRANSMITTAL. IF THE GOVERNMENT IS UNABLE TO ACCEPT IT, A WRITTEN NOTICE WILL BE FURNISHED TO THE CONTRACTOR BY THE PCO.

THE CONTRACTOR SHALL SUBMIT THE INITIAL CPCP DRAFT 120 CALENDAR DAYS AFTER CONTRACT AWARD. THE GOVERNMENT WILL REVIEW THE DRAFT AND PROVIDE COMMENTS WITHIN 30 CALENDAR DAYS. THE CONTRACTOR SHALL REVIEW AND ADDRESS ALL GOVERNMENT COMMENTS WITHIN 21 CALENDAR DAYS. IF MATERIAL OR PROCESS CHANGES OCCUR, THE CONTRACTOR SHALL SUBMIT CPCP UPDATES WITHIN 30 CALENDAR DAYS. THE FINAL CPCP PLAN IS DUE 30 DAYS PRIOR TO THE END OF YEAR 1 OF THIS CONTRACT.

BLK 10/13 THE CONTRACTOR SHALL MAINTAIN AND UPDATE THE CORROSION PREVENTION AND CONTROL PLAN THROUGH THE LIFE OF THE CONTRACT. THE BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018

I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018  
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CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E. CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO. A023  
2. TITLE OF DATA ITEM: TECHNICAL REPORT/STUDY SERVICES  
3. SUBTITLE: INVENTORY REPORT  
4. AUTHORITY: DI-MISC-80508B  
5. CONTRACT REFERENCE: C.11.2  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQUIRED: C  
10. FREQUENCY: ONE/R  
11. AS OF DATE:  
12. DATE OF FIRST SUB SEE BLOCK 16  
13. DATE OF SUBS.SUB: SEE BLOCK 16  
14. DISTRIBUTION:

A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL HARDCOPY	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	0	1	1

15. TOTAL:  
16. REMARKS:

BLK 12 - THE CONTRACTOR SHALL DELIVER THE INVENTORY LIST TO THE GOVERNMENT FOR EACH CHANGE IN THE NUMBER OF UNITS LOCATED IN STORAGE. THE CONTRACTOR SHALL INCLUDE THE ITEMS KIT SERIAL NUMBER, THE DATE THE UNIT WAS PLACED IN STORAGE AND THE DATE THE UNIT WAS REMOVED FROM STORAGE. THE CONTRACTOR SHALL INSPECT THE INVENTORIED UNITS NOT YET RELEASED FOR SHIPMENT.

THE CONTRACTOR SHALL MAINTAIN THE INVENTORY LIST THROUGHOUT THE LIFE OF THE CONTRACT.

BLK 13 - THE CONTRACTOR SHALL ONLY SUBMIT REPORTS WHEN A CHANGE IN INVENTORY OCCURS; REPORT SUBMISSION SHALL BE WITHIN 14 CALENDAR DAYS OF THAT CHANGE.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

G. PREPARED BY: LINDA SKIDMORE  
H. DATE: 15 OCT 2018

I. APPROVED BY: ROBERT RAMOS  
J. DATE: 15 OCT 2018

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A. CONTRACT LINE ITEM NO: 0070  
B. EXHIBIT: A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E.CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO. A024  
2. TITLE OF DATA ITEM: SAFETY ASSESSMENT REPORT (SAR)  
3. SUBTITLE: SAFETY ASSESSMENT REPORT (SAR)  
4. AUTHORITY: DI-SAFT-80102C  
5. CONTRACT REFERENCE: C.11.2  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: A  
9. DIST. STATEMENT REQUIRED: C  
10. FREQUENCY: ONE/R  
11. AS OF DATE:  
12. DATE OF FIRST SUB SEE BLOCK 16  
13. DATE OF SUBS.SUB: SEE BLOCK 16  
14. DISTRIBUTION:  
A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL HARDCOPY	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	0	1	1

15. TOTAL:  
16. REMARKS:

BLOCK 12 - THE CONTRACTOR SHALL PROVIDE A COPY OF THE SAR TO THE GOVERNMENT 30 DAYS PRIOR TO BEGINNING OF DEVELOPMENTAL TEST. THE GOVERNMENT REQUIRES 20 DAYS TO REVIEW AND COMMENT. THE CONTRACTOR SHALL DEVELOP, MAINTAIN, AND PROVIDE A COPY OF THE HAZARD LOG IN CONTRACTOR'S FORMAT TO MEET THE REQUIREMENTS IDENTIFIED IN BLK 5 TO THE GOVERNMENT 30 DAYS PRIOR TO THE COMMENCEMENT OF DEVELOPMENTAL TEST. THE GOVERNMENT REQUIRES 20 DAYS TO REVIEW AND COMMENT.

BLOCK 13 - SUBMIT FINAL, WITH GOVERNMENT COMMENTS INCORPORATED, 10 DAYS AFTER RECEIPT OF GOVERNMENT COMMENTS. IN THE EVENT THE VEHICLE SYSTEM IS MODIFIED OR PROCEDURAL CHANGES ARE MADE, THE CONTRACTOR SHALL UPDATE THE SAR TO REFLECT THOSE MODIFICATIONS OR CHANGES. THE CONTRACTOR SHALL SUBMIT AN UPDATED SAR. AFTER THIS SECOND SAR DELIVERY, THE CONTRACTOR SHALL PROVIDE UPDATED SAR CHANGE PAGE NOTICES WITHIN 30 DAYS AFTER ANY NEW MODIFICATION OR CHANGE IS IMPLEMENTED. IN ADDITION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE GOVERNMENT (WITHIN 24 HOURS) VIA PHONE OR FAX IF NEW HAZARDS OR INCREASED RISK/HAZARD PROBABILITY LEVELS ARE IDENTIFIED WHILE GOVERNMENT TESTING IS ONGOING.

BLK 14 - THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

K. PREPARED BY: LINDA SKIDMORE  
L. DATE: 15 OCT 2018  
M. APPROVED BY: ROBERT RAMOS  
N. DATE: 15 OCT 2018  
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CONTRACT DATA REQUIREMENT LIST Form Approval OMB No. 0704-0188

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO:0070  
B. EXHIBIT:A  
C. CATEGORY:  
D. SYSTEM/ITEM: EHP ROLLER TDP\_\_TM\_\_OTHER\_X\_  
E.CONTRACT/PR NO.:  
F. CONTRACTOR: TBD

1. DATA ITEM NO: A025  
2. TITLE: WELDING PROCEDURES  
3. SUBTITLE: WELDING PROCEDURES  
4. AUTHORITY: DI-MISC-80875  
5. CONTRACT REFERENCE: E.1.3  
6. REQUIRING OFFICE: SFAE-CSS-TS-MR  
7. DD250 REQ: LT  
8. APP CODE: D  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: ONE  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16

14. DISTRIBUTION:

A. ADDRESSEE: B. COPIES

	DRAFT HARDCOPY	DRAFT ELECTRONIC	FINAL ELECTRONIC	FINAL CD-ROM
SFAE-CSS-TS-MR	0	1	1	0
15. Total:	0	1	1	0
16. REMARKS:				

BLKS 10, 12, & 13 - PRIOR TO REPAIRS OR UPGRADE INSTALLATIONS, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING WELDING PROCEDURES IN ACCORDANCE WITH (IAW) AMERICAN WELDING SOCIETY (AWS) WELD CODE REQUIREMENTS AND THE GROUND COMBAT VEHICLE WELDING CODE (GCVWC) TO THE GOVERNMENT FOR APPROVAL. THE USE OF PRE-QUALIFIED WELD JOINTS AS SPECIFIED IN AWS D1.1 DOES NOT PRECLUDE SUBMITTAL OF WELDING PROCEDURES. WELDING REPAIR OF DEFECTIVE PARTS SHALL REQUIRE GOVERNMENT APPROVAL AND A WRITTEN PROCEDURE IDENTIFYING PROPER TECHNIQUE AND APPROACH TO CORRECT DEFECTIVE PRODUCT. ANY CHANGES TO THE WELDING PROCEDURES AFTER CONTRACT AWARD AND SUBSEQUENT TESTING SHALL REQUIRE GOVERNMENT APPROVAL. THE CONTRACTOR SHALL PREPARE DRAWINGS FOR ALL WELDING FABRICATION AND ANY WELDING MODIFICATIONS TO VEHICLES. DRAWINGS REQUIRE GOVERNMENT APPROVAL PRIOR TO VEHICLE WELDING MODIFICATIONS.

BLK 14 - SUBMISSION SHALL BE VIA ELECTRONIC MAIL (E-MAIL) AND ENCRYPTED WITH A MINIMUM OF 128 BIT ENCRYPTION. THE SUBMISSION SHALL BE PREPARED AND DELIVERED IN CURRENT MICROSOFT OFFICE SOFTWARE SUITE IN CONTRACTOR FORMAT. E-MAIL ADDRESS FOLLOWS THE ADDRESSEE, BELOW:

THE CONTRACTOR SHALL SUBMIT INFORMATION TO THE BELOW GOVERNMENT REPRESENTATIVES:

ASSISTANT PRODUCT MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS  
QUALITY ASSURANCE MANAGER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS  
LEAD ENGINEER, PRODUCT MANAGER, MINE RESISTANT AMBUSH PROTECTED-VEHICLE SYSTEMS

K. PREPARED BY: LINDA SKIDMORE  
L. DATE: 09 NOV 2018  
M. APPROVED BY: ROBERT RAMOS  
N. DATE: 09 NOV 2018  
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