SOLICITATION, OFFER AND AWARD

1. This Contract Is A Rated Order Under DPAS (15 CFR 700)
   Rating: DOA4
   Page of: 1
   Pages: 1 48

2. Contract Number
   W56HZV-17-R-0106

3. Solicitation Number
   W56HZV-17-R-0106

4. Type of Solicitation
   □ Sealed Bid (IFB)
   □ Negotiated (RFP)

5. Date Issued
   2017DEC14

6. Requisition/Purchase Number
   SEE SCHEDULE

7. Issued By
   U.S. ARMY CONTRACTING COMMAND
   CCTA-HTA-A
   WARREN, MICHIGAN 48397-5000

8. Address Offer To (If Other Than Item 7)

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 5:00pm ___ hour) local time ___ 2018FEB06 ___ (Date).

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

10. For Information Call:

A. Name
   MARC ALDWIN M. LANDOY

B. Telephone (No Collect Calls)
   Area Code (586) 282-8731

C. E-mail Address
   MARCALDWIN.M.LANDOY.CIV@MAIL.MIL

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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 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.

13. Discount For Prompt Payment

   (See Section I, Clause No. 52.232-8)

   10 Calendar Days (%) | 20 Calendar Days (%) | 30 Calendar Days (%) | Calendar Days (%)

14. Acknowledgment of Amendments (The offeror acknowledges receipt of amendments to the SOLICITATION for offerors and related documents numbered and dated):

   Amendment No. | Date |
   Amendment No. | Date |

15A. Name and Address of Offeror

   Code | Facility

16. Name and Title of Person Authorized to Sign Offer (Type or Print)

15B. Telephone Number

   Area Code | Number | Ext.

15C. Check if Remittance Address is Different From Above – Enter such Address In Schedule

17. Signature

18. Offer Date

AWARD (To be completed by Government)

19. Accepted As To Items Numbered
20. Amount
21. Accounting And Appropriation

22. Authority For Using Other Than Full And Open Competition:
   □ 10 U.S.C. 2304(c)( )
   □ 41 U.S.C. 253(c)( )

23. Submit Invoices To Address Shown In

   (4 copies unless otherwise specified)

   Item | Code | 25

24. Administered By (If other than Item 7)

25. Payment Will Be Made By

26. Name of Contracting Officer (Type or Print)

27. United States Of America

28. Award Date

(Signature of Contracting Officer)

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

AUTHORIZED FOR LOCAL REPRODUCTION

Prescribed By GSA-FAR (48 CFR 53.214(c) (Rev. 9-97) Standard Form 33)

Previous edition is unsuitable

Standard Form 33 (Rev. 9-97)
Buyer Name: MARC ALDWIN M. LANDOY
Buyer Office Symbol/Telephone Number: CCTA-HTA-A/(586)282-8731
Type of Contract 1: Firm Fixed Price
Kind of Contract: Supply Contracts and Priced Orders

(a) All Army Contracting Command Warren (DTA) 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, 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 <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>.

(d) Note to offerors:

Please pay close attention to the solicitation closing date and time as stated on the cover page of this solicitation, local time for the Army contracting Command - Warren, (DTA), Michigan. 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.

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.

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.

(e) 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 our 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
If you object to such release in the base contract or contract modifications, and you intend to submit an offer, notify the contracting officer in writing prior to the closing date identified in this solicitation and include the rationale for your objection consistent with the provisions of FOIA. A release determination will be made based on rationale given.

Questions pertaining to this solicitation should be directed to the Contract Specialist identified in Block 10 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.

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

Contractors are hereby notified that there is a potential impact on contractor performance during increased FPCON during periods of increased threat. During FPCONs Charlie and Delta, services may be discontinued / postponed due to higher threat. Services will resume when FPCON level is reduced to level Bravo or lower.

In accordance with AR 525-13, Contractor personnel working on an Army installation, arsenal, base or other DoD facility (owned or leased by DoD/Department of the Army), are subject to participation in Installation RAMP security program (e.g. vehicles searches, wearing of ID badges, etc).

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

A.1 GENERAL OVERVIEW

The Request for Proposal (RFP) is hereby issued by the US Army Contracting Command-Warren (ACC-WRN) for the Family of Medium Tactical Vehicles (FMTV) Protection Kits. The FMTV Protection Kits consists of the B-Kit (58 or 78 gallon configuration), Underbody Armor Kit, and Underbody Counterweight Kit. For the purposes of this acquisition, a B-Kit consists of two crates, one with transparent and opaque armor panels and one with a Fuel Tank Fire Suppression Kit (FTFS), either 58 gallon FTFS (58 gallon B-Kit) or 78 gallon FTFS (78 gallon B-Kit). The Underbody Armor Kit includes a Lift Cylinders and Mounting Kit. An additional Underbody Counterweight Kit is required for installation on the M1078 LMTV Cargo when installing an Underbody Armor Kit.

A.2 ACQUISITION STRATEGY

This acquisition will be a FAR Part 15, Firm Fixed Price (FFP) contract. This proposed action will award an Indefinite-Delivery Indefinite-Quantity (IDIQ) contract consisting of five (5) Ordering Years. The Government will award a minimum of 316 each FMTV Protection Kits at the time of award. The maximum quantity which may be awarded is a total of 2,282 FMTV Protection Kits, regardless of configuration, under the subject IDIQ contract. The Government will award a single FFP contract on a competitive total small business set-aside basis with anticipated award in FY18, with Production Verification Kit deliveries beginning 240 days after contract award and production deliveries continuing up to approximately 80 months after contract award. This procurement is subject to the availability of funds.

A.3 SOURCE SELECTION PROCEDURE

The Government will utilize Source selection evaluation procedures under this acquisition. The Government will select one offeror whose proposal provides the best value and meets the contract requirements.

A.4 CLASSIFIED INFORMATION

In order to meaningfully respond to the subject solicitation and be considered for award, the Offeror must be able to receive, view, house and safeguard SECRET materials at the time of proposal submission and during the life of the contract. In order to receive, view, house and safeguard SECRET materials, the Offeror shall possess the appropriate level of security. Offerors who are considering a
subcontractor(s) who will receive, view, house and safeguard SECRET materials shall ensure that the subcontractor(s) also possess the appropriate level of security. The TACOM Intelligence and Security Office will verify all security information. The Offeror and the subcontractor(s) who do not possess the appropriate level of security to receive, view, house and safeguard SECRET materials will not be able to discuss or access key aspects of the program. Furthermore, the Government may reject the Offerors proposal pursuant to Paragraph M.2, Rejection of Offers and shall not be considered for award. The Government will not sponsor or in any way assist the Offeror and the subcontractor(s) in obtaining the appropriate level of security clearance.

A.5 FACILITY CLEARANCE

The Contractor shall maintain a valid Facility Clearance from Defense Security Service (DSS) for the entire duration of the contract. If the Contractor fails to maintain a valid Facility Clearance or the Contractors Facility Clearance is revoked for any reason, the Government may, by written notice, terminate the contract.

*** END OF NARRATIVE A0001 ***
SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

B.1. Price:

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 contract year.

B.2. IDIQ Ordering Periods:

The following definitions apply to the entire contract:
B.2.1. First ordering year of the contract is the date of award plus 364 days.
B.2.2. Second ordering year of the contract is 365 days through 729 days after contract award.
B.2.3. Third ordering year of the contract is 730 days through 1,094 days after contract award.
B.2.4. Fourth ordering year of the contract is 1,095 days through 1,459 days after contract award.
B.2.5. Fifth ordering year of the contract is 1,460 days through 1,825 days after contract award.

B.3 Minimum Order and Maximum Order:

In accordance with FAR 52.216-22 "Indefinite Quantity":

B.3.1 Minimum 5-year quantity: 316 total KITS (i.e. 58-gallon, 78-gallon, Underbody, Underbody Counterweight) in any variety, either in Each(s) or in ISO containers of 4, in any combination or single type /Packages(s)" For example: 116 LOTS/PKGs of CLIN 0011 plus 200 EA of CLIN 0031 = 316 Minimum Quantity. This will be ordered at the time of the basic contract award.

B.3.2 Maximum 5- year quantity: 2,282 total KITS (i.e. 58-gallon, 78-gallon, Underbody, Underbody Counterweight) in any variety, either in Each(s) or in ISO containers of 4, in any combination or single type /Packages(s)"

B.4 Contract Line Numbering System (CLINs):

B.4.1 The numbering system on this Contract for CLINs shown in the schedule below is as follows:
Except for the Pre Production Kits labeled as CLIN 0071, 0081 and 0091, and Product Support Package labeled as CLIN 0141 which may be ordered only in the first ordering year, the first three digits signify the item and the fourth (last) digit signifies the applicable contract 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.

B.5. Estimated Ordering Quantities:

The below information provides estimated quantities per ordering year. In accordance with FAR 52.216-22, these quantities are estimates only. Only the minimum quantity is guaranteed as specified in B.3.1 above and FAR 52.216-22.

B.5.1 - ISO Container with Qty. 4 Each 58-Gallon B-Kit NSN 2540-01-602-9659 P/N 57K6420-001

Estimated Ordering Quantities:
Ordering Year 01 168 each B-Kits/42 ISOs
Ordering Year 02 228 each B-Kits/57 ISOs
Ordering Year 03 228 each B-Kits/57 ISOs
Ordering Year 04 44 each B-Kits/11 ISOs
Ordering Year 05 - 44 each B-Kits/11 ISOs

B.5.2 - ISO Container with Qty. 4 Each 78-Gallon B-Kit NSN 2540-01-602-9660; P/N 57K6420-002

Estimated Ordering Quantities:
Ordering Year 01 148 each B-Kits/37 ISOs
Ordering Year 02 176 each B-Kits/44 ISOs
Ordering Year 03 176 each B-Kits/44 ISOs
Ordering Year 04 36 each B-Kits/9 ISOs
Ordering Year 05 36 each B-Kits/9 ISOs

B.5.3 - 1 Each 58-Gallon B-Kit NSN 2540-01-552-7805

Estimated Ordering Quantities:
Ordering Year 01 4 each B-Kits
Ordering Year 02 4 each B-Kits
Ordering Year 03 4 each B-Kits
Ordering Year 04 4 each B-Kits
Ordering Year 05 4 each B-Kits

B.5.4 - 1 Each 78-Gallon B-Kit NSN 2540-01-576-3447

Estimated Ordering Quantities:
Ordering Year 01 4 each B-Kits
Ordering Year 02 4 each B-Kits
Ordering Year 03 4 each B-Kits
Ordering Year 04 4 each B-Kits
Ordering Year 05 4 each B-Kits

B.5.5 - ISO Container with Qty. 4 Each Underbody Armor Kit NSN 2540-01-659-2573

Estimated Ordering Quantities:
Ordering Year 01 0 each UIK
Ordering Year 02 0 each UIK
Ordering Year 03 0 each UIK
Ordering Year 04 216 each UIKs
Ordering Year 05 220 each UIKs

B.5.6 - TRICON ISO Container with Qty. 4 Each Underbody Counterweight Kit P/N 57K6428

Estimated Ordering Quantities:
Ordering Year 01 0 each Underbody Counterweight Kits
Ordering Year 02 0 each Underbody Counterweight Kits
Ordering Year 03 0 each Underbody Counterweight Kits
Ordering Year 04 100 each Underbody Counterweight Kits
Ordering Year 05 100 each Underbody Counterweight Kits

*** END OF NARRATIVE B0001 ***
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**Commodity Name:** ISO W/ 4 EA 58 GAL B-KITS  
**CLIN Contract Type:** Firm Fixed Price  

NSN 2540-01-602-9659  
Noun: FMTV 58 gallon B-Kit (armor package with 58-gallon Fuel Tank Fire Suppression [FTFS]), packed four (4) each B-Kits, in an ISO container in accordance with (IAW) Commercial Item Description (CID) A-A-59272, Type II.  
Tan -  
Green -  

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.  

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.  

(End of narrative B001)  

**Packaging and Marking**  
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS  

(End of narrative D001)  

**Inspection and Acceptance**  
INSPECTION: Origin  
ACCEPTANCE: Origin  

**Deliveries or Performance**  
FOB POINT: Origin  

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ORDER YEAR 02

COMMODITY NAME: ISO W/ 4 EA 58 GAL B-KITS

CLIN CONTRACT TYPE: Firm Fixed Price

NSN 2540-01-602-9659

NOUN: FMTV 58 gallon B-Kit (armor package with 58-gallon Fuel Tank Fire Suppression [FTFS]), packed four (4) each B-Kits, in an ISO container in accordance with (IAW) Commercial Item Description (CID) A-A-59272, Type II.

Tan -

Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance

INSPECTION: Origin ACCEPTANCE: Origin

Deliveries or Performance

FOB POINT: Origin

SHIP TO:

(YY0000) SHIPPING INSTRUCTIONS FOR CONSIGNEE

(SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
ISO CONTAINER W/ QTY. 4 EA 58-GALLON B-KITS

**CLIN CONTRACT TYPE:** Firm Fixed Price

**COMMODITY NAME:** ISO W/ 4 EA 58 GAL B-KITS

**NSN 2540-01-602-9659**

NOUN: FMTV 58 gallon B-Kit (armor package with 58-gallon Fuel Tank Fire Suppression [FTFS]), packed four (4) each B-Kits, in an ISO container in accordance with (IAW) Commercial Item Description (CID) A-A-59272, Type II.

- Tan -
- Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

**Packaging and Marking**

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

**Inspection and Acceptance**

INSPECTION: Origin  ACCEPTANCE: Origin

**Deliveries or Performance**

FOB POINT: Origin

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</table>

COMMODITY NAME: ISO W/ 4 EA 58 GAL B-KITS

CLIN CONTRACT TYPE: Firm Fixed Price

NSN 2540-01-602-9659

NOUN: FMTV 58 gallon B-Kit (armor package with 58-gallon Fuel Tank Fire Suppression [FTFS]), packed four (4) each B-Kits, in an ISO container in accordance with (IAW) Commercial Item Description (CID) A-A-59272, Type II.

Tan -
Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance

INSPECTION: Origin ACCEPTANCE: Origin

Deliveries or Performance

FOB POINT: Origin

SHIP TO:

Y00000

SHIPPING INSTRUCTIONS FOR CONSIGNEE

(SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
ISO CONTAINER W/ QTY. 4 EA 58-GALLON B-KITS  

(Order Year 05)

**Commodity Name:** ISO W/ 4 EA 58 GAL B-KITS

**CLIN Contract Type:**

Firm Fixed Price

NSN 2540-01-602-9659

Noun: FMTV 58 gallon B-Kit (armor package with 58-gallon Fuel Tank Fire Suppression [FTFS]), packed four (4) each B-Kits, in an ISO container in accordance with (IAW) Commercial Item Description (CID) A-A-59272, Type II.

Tan -

Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

**Packaging and Marking**

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

**Inspection and Acceptance**

INSPECTION: Origin  ACCEPTANCE: Origin

**Deliveries or Performance**

FOB POINT: Origin

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**Commodity Name:** ISO W/ 4 EA 78 GAL B-KITS  
**Clin Contract Type:** Firm Fixed Price

NSN 2540-01-602-9660  
**Noun:** FMTV 78 gallon B-kit (armor package with 78-gallon FTFS), packed four (4) each B-Kits, in an ISO container IAW CID A-A-59272, Type II.

- Tan -
- Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 78 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

**Packaging and Marking**

See Section D for Packaging and Marking Instructions

(End of narrative D001)

**Inspection and Acceptance**

INSPECTION: Origin  
ACCEPTANCE: Origin

**Deliveries or Performance**

FOB POINT: Origin

**Ship To:**

(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
## ISO CONTAINER W/ QTY. 4 EA 78-GALLON B-KITS

**Commodity Name:** ISO W/ 4 EA 78 GAL B-KITS  
**Clin Contract Type:** Firm Fixed Price

**NSN 2540-01-602-9660**  
**Noun:** FMTV 78 gallon B-kit (armor package with 78-gallon FTFS), packed four (4) each B-Kits, in an ISO container IAW CID A-A-59272, Type II.

- Tan -  
- Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 78 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

### Packaging and Marking

**See Section D for Packaging and Marking Instructions**

(End of narrative D001)

### Inspection and Acceptance

**Inspection:** Origin  
**Acceptance:** Origin

### Deliveries or Performance

**FOB Point:** Origin

**Ship To:**

(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.

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**COMMODITY NAME:** ISO W/ 4 EA 78 GAL B-KITS  
**CLIN CONTRACT TYPE:**  
Firm Fixed Price

NSN 2540-01-602-9660  
**NOUN:** FMTV 78 gallon B-kit (armor package with 78-gallon FTFS), packed four (4) each B-Kits, in an ISO container IAW CID A-A-59272, Type II.

Tan -  
Green - 

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 78 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

**Packaging and Marking**

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS  
(End of narrative D001)

**Inspection and Acceptance**

INSPECTION: Origin  
ACCEPTANCE: Origin

**Deliveries or Performance**

FOB POINT: Origin  
SHIP TO: (Y00000)  
SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
ISO CONTAINER W/ QTY. 4 EA 78-GALLON B-KITS
(ORDER YEAR 04)

COMMODITY NAME: ISO W/ 4 EA 78 GAL B-KITS
CLIN CONTRACT TYPE:
   Firm Fixed Price

NSN 2540-01-602-9660
NOUN: FMTV 78 gallon B-kit (armor package with 78-gallon FTFS), packed four (4) each B-Kits, in an ISO container IAW CID A-A-59272, Type II.

Tan -
Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 78 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance
INSPECTION: Origin      ACCEPTANCE: Origin

Deliveries or Performance

FOB POINT: Origin

SHIP TO:
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
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COMMODITY NAME: ISO W/ 4 EA 78 GAL B-KITS
CLIN CONTRACT TYPE:
   Firm Fixed Price

NSN 2540-01-602-9660
NOUN: FMTV 78 gallon B-kit (armor package with 78-gallon FTFS), packed four (4) each B-Kits, in an ISO container IAW CID A-A-59272, Type II.

Tan -
Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each FMTV 78 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance

INSPECTION: Origin   ACCEPTANCE: Origin

Deliveries or Performance

FOB POINT: Origin

SHIP TO:
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
COMMODITY NAME: 58 GALLON FMTV B-KIT

CLIN CONTRACT TYPE: Firm Fixed Price

NSN: 2540-01-552-7805
NOUN: FMTV 58 gallon B-Kit (opaque and transparent armor package with 58-gallon FTFS), packed one (1) each B-Kit, IAW the Special Packaging Instruction (SPI), AK15527805, for LTAS B-Kits. AK15527805, for LTAS B-Kits

Tan -
Green -

The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance
INSPECTION: Origin ACCEPTANCE: Origin

Deliveries or Performance
FOB POINT: Origin

SKIP TO:
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
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COMMODITY NAME: 58 GALLON FMTV B-KIT
CLIN CONTRACT TYPE:
Firm Fixed Price

NSN: 2540-01-552-7805
NOUN: FMTV 58 gallon B-Kit (opaque and transparent armor package with 58-gallon FTFS), packed one (1) each B-Kit, IAW the Special Packaging Instruction (SPI), AK15527805, for LTAS B-Kits. AK15527805, for LTAS B-Kits

Tan -
Green -
The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance
INSPECTION: Origin ACCEPTANCE: Origin

Deliveries or Performance

FOB POINT: Origin

SHIP TO:
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
0033  QTY 1 EACH 58 GALLON B-KIT (ORDER YEAR 03)  

COMMODITY NAME: 58 GALLON FMTV B-KIT  
CLIN CONTRACT TYPE:  
Firm Fixed Price  

NSN: 2540-01-552-7805  
NOUN: FMTV 58 gallon B-Kit (opaque and transparent armor package with 58-gallon FTFS), packed one (1) each B-Kit, IAW the Special Packaging Instruction (SPI), AK15527805, for LTAS B-Kits. AK15527805, for LTAS B-Kits  
Tan -  
Green -  

The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.  

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.  

(End of narrative B001)  

Packaging and Marking  
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS  

(End of narrative D001)  

Inspection and Acceptance  
INSPECTION: Origin  ACCEPTANCE: Origin  

Deliveries or Performance  
FOB POINT: Origin  
SKIP TO: (Y00000)  SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
0034  QTY 1 EACH 58 GALLON B-KIT (ORDER YEAR 04)

COMMODITY NAME: 58 GALLON FMTV B-KIT
CLIN CONTRACT TYPE:
   Firm Fixed Price

NSN: 2540-01-552-7805
NOUN: FMTV 58 gallon B-Kit (opaque and transparent armor package with 58-gallon FTFS), packed one (1) each B-Kit, IAW the Special Packaging Instruction (SPI), AK15527805, for LTAS B-Kits. AK15527805, for LTAS B-Kits

Tan -
Green -

The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance
INSPECTION: Origin      ACCEPTANCE: Origin

Deliveries or Performance
FOB POINT: Origin

SHIP TO:
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
Name of Offeror or Contractor:

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**COMMODITY NAME:** 58 GALLON FMTV B-KIT

**CLIN CONTRACT TYPE:**

Firm Fixed Price

**NSN:** 2540-01-552-7805

**NOUN:** FMTV 58 gallon B-Kit (opaque and transparent armor package with 58-gallon FTFS), packed one (1) each B-Kit, IAW the Special Packaging Instruction (SPI), AK15527805, for LTAS B-Kits. AK15527805, for LTAS B-Kits

Tan -

Green -

The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

**Packaging and Marking**

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

**Inspection and Acceptance**

INSPECTION: Origin  ACCEPTANCE: Origin

**Deliveries or Performance**

FOB POINT: Origin

SHIP TO:

(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
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**COMMODITY NAME:** 78 GALLON FMTV B-KIT  
**CLIN CONTRACT TYPE:**  
Firm Fixed Price  

**NSN:** 2540-01-576-3447  
**NOUN:** FMTV 78 gallon B-Kit (opaque and transparent armor package with 78-gallon FTFS), packed one (1) each B-Kit, IAW the SPI, AK15763447, for LTAS B-Kits.  
**Tan -**  
**Green -**  
The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.  

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

*(End of narrative B001)*

**Packaging and Marking**  
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS  
*(End of narrative D001)*

**Inspection and Acceptance**  
**INSPECTION:** Origin  
**ACCEPTANCE:** Origin  

**Deliveries or Performance**  
**FOB POINT:** Origin  
**SHIP TO:** *(Y00000)*  
SHIPPING INSTRUCTIONS FOR CONSIGNEE  
*(SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.*
QTY 1 EACH 78 GALLON B-KIT (ORDER YEAR 02)

COMMODITY NAME: 78 GALLON FMTV B-KIT
CLIN CONTRACT TYPE:
   Firm Fixed Price

NSN: 2540-01-576-3447
NOUN: FMTV 78 gallon B-Kit (opaque and transparent armor package with 78-gallon FTFS), packed one (1) each B-Kit, IAW the SPI, AK15763447, for LTAS B-Kits.

Tan -
Green -
The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance
INSPECTION: Origin ACCEPTANCE: Origin

Deliveries or Performance
FOB POINT: Origin

SHIP TO:
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE
   (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
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**Commodity Name:** 78 Gallon FMTV B-KIT  
**CLIN Contract Type:** Firm Fixed Price

- **NSN:** 2540-01-576-3447  
- **Noun:** FMTV 78 gallon B-Kit (opaque and transparent armor package with 78-gallon FTFS), packed one (1) each B-Kit, IAW the SPI, AK15763447, for LTAS B-Kits.
- **Tan** -  
- **Green** -  

The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

*(End of narrative B001)*

**Packaging and Marking**

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

*(End of narrative D001)*

**Inspection and Acceptance**

INSPECTION: Origin  
ACCEPTANCE: Origin

**Deliveries or Performance**

FOB POINT: Origin

**SHIP TO:**

(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE  
(SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
0044  QTY 1 EACH 78 GALLON B-KIT (ORDER YEAR 04)  __________________________________________  _____________________

**COMMODITY NAME:** 78 GALLON FMTV B-KIT

**CLIN CONTRACT TYPE:**

Firm Fixed Price

**NSN:** 2540-01-576-3447

**NOUN:** FMTV 78 gallon B-Kit (opaque and transparent armor package with 78-gallon FTFS), packed one (1) each B-Kit, IAW the SPI, AK15763447, for LTAS B-Kits.

Tan -

Green -

The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

**Packaging and Marking**

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

**Inspection and Acceptance**

INSPECTION: Origin  ACCEPTANCE: Origin

**Deliveries or Performance**

FOB POINT: Origin

**SHIP TO:**

(Y00000)  SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
0045  QTY 1 EACH 78 GALLON B-KIT (ORDER YEAR 05)  

COMMODITY NAME: 78 GALLON FMTV B-KIT  
CLIN CONTRACT TYPE:  
  Firm Fixed Price  

NSN: 2540-01-576-3447  
NOUN: FMTV 78 gallon B-Kit (opaque and transparent armor package with 78-gallon FTFS), packed one (1) each B-Kit, IAW the SPI, AK15763447, for LTAS B-Kits.  
Tan -  
Green -  
The Offeror shall provide a price for 1 each FMTV 58 Gallon B-Kit in accordance with C.1.1 of the Scope of Work.  

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.  

(End of narrative B001)  

Packaging and Marking  
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS  

(End of narrative D001)  

Inspection and Acceptance  
INSPECTION: Origin  
ACCEPTANCE: Origin  

Deliveries or Performance  
FOB POINT: Origin  
SHIP TO:  
(Y00000)  
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**COMMODITY NAME:** ISO W/ 4 EA UNDERBODY ARMOR  
**CLIN CONTRACT TYPE:** Firm Fixed Price  
**NSN:** 2540-01-659-2573  
**NOUN:** FMTV Underbody Armor Kit (armor panels, blast seats, reinforced cab doors, and required hardware with Cab Lift Cylinders and Mounting Kit, P/N 57K6430), packed four (4) each Underbody Armor Kits, in ISO container IAW CID A-A-59272, Type II.

- Tan -
- Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each Underbody Armor Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

*(End of narrative B001)*

**Packaging and Marking**

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

*(End of narrative D001)*

**Inspection and Acceptance**

INSPECTION: Origin     ACCEPTANCE: Origin

**Deliveries or Performance**

FOB POINT: Origin

SHIP TO: (Y00000)  
SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
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Commodity Name: ISO W/ 4 EA UNDERBODY ARMOR

Clin Contract Type: Firm Fixed Price

NSN: 2540-01-659-2573

Noun: FMTV Underbody Armor Kit (armor panels, blast seats, reinforced cab doors, and required hardware with Cab Lift Cylinders and Mounting Kit, P/N 57K6430), packed four (4) each Underbody Armor Kits, in ISO container IAW CID A-A-59272, Type II.

Tan -

Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each Underbody Armor Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking

See Section D for Packaging and Marking Instructions

(End of narrative D001)

Inspection and Acceptance

Inspection: Origin  Acceptance: Origin

Deliveries or Performance

Fob Point: Origin

Ship To:

(SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
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COMMODITY NAME: ISO W/ 4 EA UNDERBODY ARMOR  
CLIN CONTRACT TYPE: Firm Fixed Price  

NSN: 2540-01-659-2573  
NOUN: FMTV Underbody Armor Kit (armor panels, blast seats, reinforced cab doors, and required hardware with Cab Lift Cylinders and Mounting Kit, P/N 57K6430), packed four (4) each Underbody Armor Kits, in ISO container IAW CID A-A-59272, Type II.  
Tan -  
Green -  

The Offeror shall provide a price for 1 each ISO Container w/ 4 each Underbody Armor Kit in accordance with C.1.1 of the Scope of Work.  
Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.  

(End of narrative B001)  

Packaging and Marking  
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS  

(End of narrative D001)  

Inspection and Acceptance  
INSPECTION: Origin  
ACCEPTANCE: Origin  

Deliveries or Performance  
FOB POINT: Origin  

SHIP TO:  
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE  
(SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
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<td>0054</td>
<td>ISO CONTAINER W/ QTY. 4 EA UNDERBODY ARMOR (ORDER YEAR 04)</td>
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**COMMODITY NAME:** ISO W/ 4 EA UNDERBODY ARMOR  
**CLIN CONTRACT TYPE:** Firm Fixed Price

**NSN:** 2540-01-659-2573  
**NOUN:** FMTV Underbody Armor Kit (armor panels, blast seats, reinforced cab doors, and required hardware with Cab Lift Cylinders and Mounting Kit, P/N 57K6430), packed four (4) each Underbody Armor Kits, in ISO container IAW CID A-A-59272, Type II.

Tan -  
Green -  

The Offeror shall provide a price for 1 each ISO Container w/ 4 each Underbody Armor Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

**Packaging and Marking**

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS  
(End of narrative D001)

**Inspection and Acceptance**  
INSPECTION: Origin  ACCEPTANCE: Origin

**Deliveries or Performance**  
FOB POINT: Origin

**SHIP TO: (Y00000)**  
SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
ISO CONTAINER W/ QTY. 4 EA UNDERBODY ARMOR (ORDER YEAR 05)  

COMMODITY NAME: ISO W/ 4 EA UNDERBODY ARMOR
CLIN CONTRACT TYPE: Firm Fixed Price

NSN: 2540-01-659-2573
NOUN:FMTV Underbody Armor Kit (armor panels, blast seats, reinforced cab doors, and required hardware with Cab Lift Cylinders and Mounting Kit, P/N 57K6430), packed four (4) each Underbody Armor Kits, in ISO container IAW CID A-A-59272, Type II.

Tan -
Green -

The Offeror shall provide a price for 1 each ISO Container w/ 4 each Underbody Armor Kit in accordance with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance
INSPECTION: Origin ACCEPTANCE: Origin

Deliveries or Performance

FOB POINT: Origin

SHIP TO:
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
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<td>ORDER YEAR 01</td>
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**COMMODITY NAME:** TRICON W 4 EA COUNTERWEIGHT  
**CLIN CONTRACT TYPE:** Firm Fixed Price

**PART NO:** 57K6435  
**NOUN:** FMTV Underbody Counterweight Kit (steel plates and required hardware), required for installation on M1078 Cargo variant only, packed four (4) each Underbody Armor Kits, in TRICON ISO container IAW MIL-PRF-32349, Type 2.

Tan -  
Green -

The offeror shall provide a price for 1 each TRICON ISO Container w/ 4 each FMTV Underbody Counterweight Kit with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

**Packaging and Marking**

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

**Inspection and Acceptance**

INSPECTION: Origin  
ACCEPTANCE: Origin

**Deliveries or Performance**

FOB POINT: Origin

SHIP TO:  
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<td>PART NO: 57K6435</td>
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<td>NOUN: FMTV Underbody Counterweight Kit (steel plates and required hardware), required for installation on M1078 Cargo variant only, packed four (4) each Underbody Armor Kits, in TRICON ISO container IAW MIL-PRF-32349, Type 2.</td>
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<td>Green -</td>
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<tr>
<td></td>
<td>The Offeror shall provide a price for 1 each TRICON ISO Container w/ 4 each FMTV Underbody Counterweight Kit with C.1.1 of the Scope of Work.</td>
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<td>Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.</td>
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<td></td>
<td>(Y00000) SHIPPIING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</td>
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</table>
NOUN: FMTV Underbody Counterweight Kit (steel plates and required hardware), required for installation on M1078 Cargo variant only, packed four (4) each Underbody Armor Kits, in TRICON ISO container IAW MIL-PRF-32349, Type 2.

Tan -
Green -

The Offeror shall provide a price for 1 each TRICON ISO Container w/ 4 each FMTV Underbody Counterweight Kit with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Packaging and Marking

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

Inspection and Acceptance

INSPECTION: Origin ACCEPTANCE: Origin

Deliveries or Performance

FOB POINT: Origin

SHIP TO:

(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
## Name of Offeror or Contractor:

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<th>ITEM NO</th>
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**COMMODITY NAME:** TRICON W 4 EA COUNTERWEIGHT  
**CLIN CONTRACT TYPE:** Firm Fixed Price

**PART NO:** 57K6435  
**NOUN:** FMTV Underbody Counterweight Kit (steel plates and required hardware), required for installation on M1078 Cargo variant only, packed four (4) each Underbody Armor Kits, in TRICON ISO container IAW MIL-PRF-32349, Type 2.

Tan -  
Green -  

The Offeror shall provide a price for 1 each TRICON ISO Container w/ 4 each FMTV Underbody Counterweight Kit with C.1.1 of the Scope of Work.

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

## Packaging and Marking

SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS

(End of narrative D001)

## Inspection and Acceptance

INSPECTION: Origin  
ACCEPTANCE: Origin

## Deliveries or Performance

FOB POINT: Origin

SHIP TO:  
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
0065  TRICON ISO W/ 4 EA UNDERBODY COUNTERWEIGHT KIT  
ORDER YEAR 05  

COMMODITY NAME: TRICON W 4 EA COUNTERWEIGHT  
CLIN CONTRACT TYPE:  
Firm Fixed Price  

PART NO: 57K6435  
NOUN: FMTV Underbody Counterweight Kit (steel plates and required hardware), required for installation on M1078 Cargo variant only, packed four (4) each Underbody Armor Kits, in TRICON ISO container IAW MIL-PRF-32349, Type 2.  

Tan -  
Green -  

The Offeror shall provide a price for 1 each TRICON ISO Container w/ 4 each FMTV Underbody Counterweight Kit with C.1.1 of the Scope of Work.  

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.  

(End of narrative B001)  

Packaging and Marking  
SEE SECTION D FOR PACKAGING AND MARKING INSTRUCTIONS  

(End of narrative D001)  

Inspection and Acceptance  
INSPECTION: Origin  ACCEPTANCE: Origin  

Deliveries or Performance  
FOB POINT: Origin  

SHIP TO:  
(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
**COMMODITY NAME:** PRE-PRODUCTION 58 GAL B-KITS  
**CLIN CONTRACT TYPE:** Firm Fixed Price  

**NSN:** 2540-01-602-9659  
**NOUN:** FMTV 58 gallon B-Kit (armor package with 58-gallon Fuel Tank Fire Suppression [FTFS]), packed four (4) each B-Kits, in an ISO container in accordance with (IAW) Commercial Item Description (CID) A-A-59272, Type II.

**Color:** TAN  

The Offeror shall provide a price for 1 Each ISO Container w/ 4 Each FMTV 58 Gallon B-Kits in color TAN (PRE-PRODUCTION) and include cost for the following:

1. Product Verification Testing Support per Contract Section E.2.5 (One Time Order)  
2. CFAT & PPAP (One Time Order) per Contract Section E.1.9 and E.1.12  
3. Physical Configuration Audit Support (One Time Order) per Contract Section C.2.4  

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

The Contractor shall invoice this CLIN upon Government approval of Pre-Production Item.

(End of narrative B001)

**Packaging and Marking**

**Inspection and Acceptance**  
**INSPECTION:** Origin  
**ACCEPTANCE:** Origin

**Deliveries or Performance**  
**FOB POINT:** Origin

**SHIP TO:**  
*SHIPPING INSTRUCTIONS FOR CONSIGNEE*  
*(SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR*
ITEMS REQUIRED UNDER THIS REQUISITION.
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**Commodity Name:** PREPRODUCTION UNDERBODY ARMOR

**CLIN Contract Type:** Firm Fixed Price

**NSN:** 2540-01-659-2573

**Noun:** FMTV Underbody Armor Kit (armor panels, blast seats, reinforced cab doors, and required hardware with Cab Lift Cylinders and Mounting Kit, P/N 57K6430), packed four (4) each Underbody Armor Kits, in ISO container IAW CID A-A-59272, Type II.

**Color:** TAN

The Offeror shall provide a price for 1 Each ISO Container w/ 4 Each Underbody Armor Kits in color TAN (PRE-PRODUCTION) and include cost for the following:

1. **Product Verification Testing Support per Contract Section E.2.5** (One Time Order)
2. **CFAT & PPAP** (One Time Order) per Contract Section E.1.9 and E.1.12
3. **Physical Configuration Audit Support** (One Time Order) per Contract Section C.2.4

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

The Contractor shall invoice this CLIN upon Government approval of Pre-Production Item.

**Packaging and Marking**

**Inspection and Acceptance**

**Inspection:** Origin    **Acceptance:** Origin

**Deliveries or Performance**

**FOB Point:** Origin

**Ship To:**

(Y00000) **Shipping Instructions for Consignee**

(Ship-To) will be furnished prior to the scheduled delivery date for
ITEMS REQUIRED UNDER THIS REQUISITION.
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**COMMODITY NAME:** PREPRODUCTION COUNTERWEIGHT  
**CLIN CONTRACT TYPE:** Firm Fixed Price  
**PART NO:** 57K6435  
**NOUN:** FMTV Underbody Counterweight Kit (steel plates and required hardware), required for installation on M1078 Cargo variant only, packed four (4) each Underbody Armor Kits, in TRICON ISO container IAW MILPRF-32349, Type 2.  
**Color:** TAN  

The Offeror shall provide a price for 1 Each TRICON ISO Container w/ 4 Each FMTV Underbody Counterweight Kit in color TAN (PRE-PRODUCTION) and include cost for the following:

1. Product Verification Testing Support per Contract Section E.2.5 (One Time Order)  
2. CFAT & PPAP (One Time Order) per Contract Section E.1.9 and E.1.12  
3. Physical Configuration Audit Support (One Time Order) per Contract Section C.2.4  

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.  

The Contractor shall invoice this CLIN upon Government approval of Pre-Production Item.  
*(End of narrative B001)*

**Packaging and Marking**

**Inspection and Acceptance**  
**INSPECTION:** Origin  
**ACCEPTANCE:** Origin

**Deliveries or Performance**  
**FOB POINT:** Origin  
**SHIP TO:** (SHIP-TO) WILL BE FURNISHED PRIOR
TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.
Name of Offeror or Contractor:

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SERVICE REQUESTED: PROD SUPPORT PACKAGE
CLIN CONTRACT TYPE:
    Firm Fixed Price

Product Support Package in accordance with Contract Section C.3.

The Offeror shall provide a price for Product Support Package in accordance with Contract Section C.3.

PN: 12532048-002 NOUN: SEAL DOUBLE BULB, QTY: 12
    UI: METERS
    NSN: 5330-01-645-7301

PN: 12532048-001 NOUN: SEAL DOUBLE BULB
    QTY: 12
    UI: METERS
    NSN: 5330-01-585-0124

PN: 12505414-004 NOUN: SEAL CLOSED CELL
    QTY: 12
    UI: METERS
    NSN: 5330-01-572-5120

PN: 12505430 NOUN: SEAL WEAPON STATION
    QTY: 4 EACH
    NSN: 5330-01-567-9060

Do not enter any proposed prices in this section (B) of the solicitation. Reference Section L.4.2 to complete the Government provided spreadsheet - Attachment 0018.

(End of narrative B001)

Inspection and Acceptance
INSPECTION: Origin   ACCEPTANCE: Origin

Deliveries or Performance
**CONTRACT DATA REQUIREMENTS LIST (CDRL) – ORDER YEAR 01**

*NOT SEPERATELY PRICED (NSP)CLIN*

CLIN is established to record NSP CDRLs for Order Year 01. Please see Exhibits A and B.

Do not enter any proposed prices in this Section (B) of the solicitation. Reference L.4.2 to complete the Government provided spreadsheet Attachment 0018.

(End of narrative B001)

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*NOT SEPERATELY PRICED (NSP) CLIN

CLIN is established to record NSP CDRLs for Order Year 02. Please see Exhibits A and B.

Do not enter any proposed prices in this Section (B) of the solicitation. Reference L.4.2 to complete the Government provided spreadsheet Attachment 0018.

(End of narrative B001)
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*NOT SEPERATELY PRICED (NSP) CLIN

CLIN is established to record NSP CDRLs for Order Year 04. Please see Exhibits A and B.

Do not enter any proposed prices in this Section (B) of the solicitation. Reference L.4.2 to complete the Government provided spreadsheet Attachment 0018.

(End of narrative B001)
*NOT SEPERATELY PRICED (NSP)CLIN

CLIN is established to record NSP CDRLs for Order Year 01. Please see Exhibits A and B.

Do not enter any proposed prices in this Section (B) of the solicitation. Reference L.4.2 to complete the Government provided spreadsheet Attachment 0018.

(End of narrative B001)
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Name of Offeror or Contractor:
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.

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.

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 and register 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.

It is recommended that a Corporate Facility Security Officer (FSO) be established to serve as your firm's 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.

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.

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 .

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

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 (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.

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.

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.

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.

A CAC cannot be issued without evidence that a National Agency Check with Written Inquiries (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.

Details and training on TASS are available on AKO at: or by contacting the CAC helpdesk at cacsupport@mail.mil or 866-738-3222.

(End of Clause)
### C-2 52.209-4020 ANTI-TERRORISM (AT) LEVEL I TRAINING REQUIREMENT JUL/2014

All contractor employees, including subcontractor employees, requiring access to Army installations, facilities, or controlled access areas shall complete AT Level I awareness training within [60] calendar days after contract start date or effective date of incorporation of this requirement into the contract, whichever applies. The contractor shall submit certificates of completion for each contractor employee and subcontractor employee requiring access to Army installations, facilities, or controlled access areas to the COR (or to the contracting officer, if a COR is not assigned) within [60] calendar days after completion of training AT Level I awareness training is available at https://kodirect.jten.mil Course# JS-UA007-14.

### C-3 52.209-4022 iWATCH TRAINING JUL/2014

The contractor and all associated subcontractors shall brief all employees on the local iWATCH program (training standards provided by the requiring activity Anti-Terrorism Officer (ATO)). This locally developed training will be used to inform employees of the types of behavior to watch for and instruct employees to report suspicious activity to the COR, when assigned or the Contracting Officer. This training shall be completed within [60] calendar days of contract award and within [60] calendar days of new employees commencing performance, with the results reported to the COR, or Contracting Officer, no later than [60] calendar days after contract award. Training may be obtained at <http://www.myarmyonlinesource.com/familyprogramsandservices/iwatchprogram/default.aspx>.

### C-4 52.211-4072 TECHNICAL DATA PACKAGE INFORMATION MAY/2014

The following Xd item applies to this solicitation:

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

- [X] 2. The TDP for this solicitation resides within FedBizOpps (<https://www.fbo.gov>), associated with this solicitation number, and can be accessed via this URL:

  See FBO Posting for Instructions to request TDP

  To access the data through FBO:

  a. Log on to the FBO web site.

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

  c. Search for the solicitation number.

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

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

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

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

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

  (4) Upon completion of the purposes for which Government Technical Data has been provided, the Contractor is required to destroy all documents, including all reproductions, duplications, or copies thereof as may have been further distributed by the Contractor. Destruction of this technical data shall be accomplished by: shredding, pulping, burning, or melting...
e. If technical data is otherwise restricted, select Request Explicit Access. This will generate an email to the FBO system administrator at Army Contract Command - Warren (DTA) with all the information needed for them to grant you access. FBO will subsequently automatically generate an email stating when you have permission to view or download TDP items. Allow 2-3 working days to complete this FBO-TDP access/approval process through the FBO system.

f. If multiple individuals in your company need access to the Technical Data Package (TDP) for a solicitation and an explicit access request is required, each individual MUST submit an explicit access request to be granted approval to view the TDP. Those same individuals MUST be registered in Federal Business Opportunities (FBO). Any individuals no longer with the company should be deleted. Questions related to registration in FBO should be directed to <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 you submit the explicit access request and provide the buyer with the completed Use and Non-Disclosure Agreement at the same time if the solicitation requires both to gain access to view the TDP.

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

(End of Clause)
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 government’s 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.

(End of Clause)

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).

(End of Clause)

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 DoDD 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).

(End of Clause)
C-11 52.215-4405 ACCESS TO THE DETROIT ARSENAL; IDENTIFYING CONTRACTOR EMPLOYEES; NON-DISCLOSURE AGREEMENT

APR/2013

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.

b) DETROIT ARSENAL ACCESS.

1) 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.

2) At the discretion of the Senior Commander, U.S. Army Garrison Detroit 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).

c) BADGES.

1) Badges/Passes. 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).

2) 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.

3) 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 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.

4) Badge Guidance.

a) 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.

b) 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.

c) 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.

d) 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.

e) 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 WAGGA* or WAGGA5, AMSTA-CS9, 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.

f) 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 (NISPOM) and Army Regulation 380-5, Department of the Army Information Security Program and their approved DD254.

g) 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:

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 RECEIPIENT will from time to time have or require access to such nonpublic information in the course of delivering the contract services; and,

WHEREAS, RECEIPIENT 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:

1. 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.);
2. Advanced procurement information (e.g., future requirements, statements of work, and acquisition strategies);
3. 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.];
4. Trade secrets and other confidential business information (e.g., confidential business information submitted by the contractor);
5. Attorney work product;
6. Information protected by the Privacy Act (e.g., social security numbers, home addresses and telephone numbers); and
7. 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, RECEIPIENT 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; RECEIPIENT 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 RECEIPIENT has or is given access, RECEIPIENT 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 RECEIPIENT becomes aware of any improper release or disclosure of such nonpublic information, RECEIPIENT will advise the contracting officer verbally within two business days, followed up in writing within five business days.

The RECEIPIENT agrees to return any nonpublic information given to him or her pursuant to this agreement, including any transcriptions by RECEIPIENT of nonpublic information to which RECEIPIENT was given access, if not already destroyed, when RECEIPIENT 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 RECEIPIENT and the RECEIPIENT's employer to administrative, civil or criminal remedies as may be authorized by law.

RECIPIENT: _____________________________ (signature)
PRINTED NAME:  _________________________
TITLE:  __________________________________
EMPLOYER: __________________

[End of Provision]
ODS without the approval of the Senior Acquisition Official, per current Army Policy the approval authority is the Army Acquisition Executive. Thus, no Class I ODS shall be used in meeting the requirements of this contract. If the use of Class I ODS is required in the performance of this contract, please notify the Contracting Officer immediately in writing.

(c) No Class II ODS shall be required in the performance of this contract without government approval. If the use of Class II ODS is required in the performance of this contract, please notify the Contracting Officer immediately in writing.

END OF PROVISION

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C.1 GENERAL

The Contractor, acting as an independent Contractor and not as an agent or employee of the US Government, shall furnish all supplies, data and services as required under this Contract.

C.1.1 OBJECTIVE

The Contractor shall produce FMTV Protection Kits, arranged in the following configurations:

a. NSN 2540-01-602-9659 (P/N 57K6420-001): FMTV 58 gallon B-Kit (armor package with 58-gallon Fuel Tank Fire Suppression [FTFS], packed four (4) each B-Kits, in an ISO container in accordance with (IAW) Commercial Item Description (CID) A-A-59272, Type II.

b. NSN 2540-01-602-9660 (P/N 57K6420-002): FMTV 78 gallon B-Kit (armor package with 78-gallon FTFS), packed four (4) each B-Kits, in an ISO container in accordance with (IAW) CID A-A-59272, Type II.

c. NSN 2540-01-552-7805 (P/N 57K6013): FMTV 58 gallon B-Kit (opaque and transparent armor package with 58-gallon FTFS), packed one (1) each B-Kit, IAW the Special Packaging Instruction (SPI), AK15527805, for LTAS B-Kits.

d. NSN 2540-01-576-3447 (P/N 57K6414): FMTV 78 gallon B-Kit (opaque and transparent armor package with 78-gallon FTFS), packed one (1) each B-Kit, IAW the SPI, AK15763447, for LTAS B-Kits.

e. P/N 57K6434: FMTV Underbody Armor Kit (armor panels, blast seats, reinforced cab doors, and required hardware with Cab Lift Cylinders and Mounting Kit, P/N 57K6430), packed four (4) each Underbody Armor Kits, in ISO container IAW CID A-A-59272, Type II.

f. P/N 57K6435: FMTV Underbody Counterweight Kit (steel plates and required hardware), required for installation on M1078 Cargo variant only, packed four (4) each Underbody Armor Kits, in TRICON ISO container IAW MIL-PRF-32349, Type 2.

The Contractor shall begin production of the FMTV Protection Kits following successful completion of testing called out in E.2.

C.1.1.1 FMTV Protection Kits Technical Data Package (TDP).

The Contractor shall produce the FMTV Protection Kits IAW the Government provided TDPs (Attachment 0001, "Technical Data Packages (TDP)"
C.1.1.2 ISO Container.

ISO containers shall be IAW CID A-A-59272, dated 18 June 2003, Type II (Opening doors on both ends of the container). The ISO container dimensions shall be 20 foot (ft) x 8 ft x 8 ft. ISO containers shall be new OR one time usage only and shall be IAW inspection criteria included in Attachment 0002, ISO and TRICON ISO Container Inspection Criteria.

C.1.1.3 TRICON ISO Container.

TRICON ISO containers shall be IAW MIL-PRF-32349, dated 24 August 2011, Type 2 (Two sets of double doors, located on each of the 6 ft 5-1/2 inch sides curb and roadsides). The TRICON ISO container dimensions shall be 6 ft 5-1/2 in long by 8 ft wide by 8 ft high. This Section C.1.1.3 supersedes Section 3.3 Operating and Design requirements. Description 3.3.1 of MIL-PRF-32349, as one time use or new materials or components may be used as part of any TRICON. All ISO containers shall adhere to the ISO inspection criteria included in Attachment 0002 ISO and TRICON ISO Container Inspection Criteria.

C.1.1.4 Finish/Color.

The Contractor shall apply the following finish/color treatment to the FMTV Protection Kit components:

a. The finish/color for the FTFS shall be IAW the TDP with color Black (Chip Number 37030) IAW SAE AMS-STD-595.

b. The default finish/color for the remainder of the FMTV Protection Kit shall be IAW the TDP with topcoat color Tan 686A (Chip Number 33446) IAW SAE AMS-STD-595. In the event a component within the FMTV Protection Kit TDP specifies a topcoat color Green 383 (Chip Number 34094) instead, the tan color requirement shall take precedence.

c. In the case of green option kit requirements, the finish/color shall be IAW C.1.1.4.b above, with an additional topcoat overspray of color Green 383 (Chip Number 34094) IAW SAE AMS-STD-595.

C.1.1.4.1 The Government will identify required paint color(s) in each individual delivery order.

C.1.1.5 Installation Instructions.

Along with the parts necessary to complete the FMTV Protection Kits, the Contractor shall include one (1) set of Installation Instructions applicable to each of the FMTV Protection Kits inside its corresponding crate. The Contractor shall provide the Installation Instructions in hard copy, packaged in a sealed waterproof bag. The B-Kit with FTFS, as well as Underbody Armor Kit Installation Instructions shall be included as part of the Bill of Material (BOM) for their respective TDP drawings. For the Underbody Counterweight Kit, the Installation Instructions shall be included as a section of the Underbody Armor Kit Installation Instructions. The 58-gallon and 78-gallon B-Kit installation instructions are located in the B-Kit TDP, Attachment 0001. The Underbody Armor Kit installation instructions are Attachment 0014.

C.1.2 Program Security Requirements.

C.1.2.1 Controlled Unclassified Information (CUI). When working with or handling any Classified or CUI, the Contractor shall fully adhere to the guidance and instructions provided in Attachment 0003, DD Form 254 including Attachment 0004, "OPSEC Program PEO & CS&CSS".

If, either the Contractor and/or any subcontractor(s) has the need to view or receive SECRET materials, a request by the Contractor to view or receive SECRET materials shall be submitted to the PCO. The request shall include documentation indicating that the Contractor and any subcontractor(s), who has the need to view or receive SECRET materials, possess the appropriate level of security to be able to receive, view, house and safeguard SECRET materials. The Contractor, who has the need to view or receive SECRET materials, can view or receive SECRET materials by either, visiting TACOM Warren OR through receipt in registered mail. Subcontractors must work with the prime contractor to gain access to classified provided to the prime during the course of this contract. Subcontractors must have a validated need to know as well as an active Facility Clearance before the prime can release any classified to the subcontractor.

C.1.2.2

The Contractor shall not release any information or data to third parties without express written approval of the PCO.

C.1.3 Program Management.

C.1.3.1 Data Deliverables. The Contractor shall deliver all data in the English language. All electronic data delivered shall be in an editable Microsoft (MS) Office Suite and Windows 2007 compatible format unless specified otherwise in the CDRL. The Contractor shall
annotate the following information in the electronic cover letter for the submission:
- Contract Number
- CDRL
- Revision Number
- Item
- Item Number
- Delivery Type
- (Draft, Final)
- Due Date
- Submittal Date
- Contractor Name
The Contractor shall include a revision record that identifies the corresponding revision annotation, the due date, and the description of the change. For example: A001-002 is the second submission of CDRL A001. The Contractor shall deliver all electronic data via Windchill unless specified differently in the CDRL.

C.1.3.1.1 Access to Windchill.
The Contractor shall obtain access to Advance Center for Engineering (ACE)/Windchill for input of Engineering Change Proposals (ECPs), Value Engineering Change Proposals (VECPs), and Requests for Variance (RFVs). The Contractor may obtain the ACE/Windchill access forms by going to:

C.1.3.1.2 Training for Windchill.
Generic ACE/Windchill training is available at the following: Refer to Attachment 0006, Windchill User Guide for a PD MTV specific Windchill user guide and best practices.

C.1.3.2 Internal Management Data Accession List.
- CDRL Number
- Revision Number
- Delivery Type
- (Draft, Final)
- Due Date
For example: A001-001_Draft_01JUN2017.doc
The COR is the approving authority for all CDRLs delivered under this contract. The Contractor shall be prepared to brief and display information used to create each CDRL at Integrated Product Team (IPT) meetings and Monthly Management Review (MMR) meetings.

C.1.3.3 Meetings, Reviews and IPT Requirements.
The Contractor shall conduct the following meetings, unless otherwise notified by the PCO in writing:

C.1.3.3.1 Contract Start of Work (SOW) Meeting.
A SOW meeting shall be conducted at the Contractors facility within thirty (30) calendar days after contract award. It shall last no longer than two (2) business days. This meeting shall review the Contractors systems and schedules that shall be utilized during this contract. The Contractor shall coordinate specific content of the meeting with the PCO. The Contractor shall prepare and deliver an agenda or read ahead for the meeting at least three (3) working days prior to the SOW meeting. The Contractor shall prepare and deliver minutes derived from the meeting with a list of attendees within three (3) working days after the meeting. The Contractor shall deliver the agenda, read ahead, and minutes IAW CDRL A001, Agenda, Read Ahead, and Minutes.

C.1.3.3.2 Monthly Management Review (MMR) Meeting.
Beginning one-month after the Start of Work Meeting, the Contractor shall schedule and participate in a MMR to be held at a mutually agreed upon facility or via video teleconference (VTC) between the Contractor and the Government. The review shall be held on a monthly basis and shall last no longer than one business day. The Contractor shall prepare and deliver a read ahead briefing package for the meeting at least three (3) working days prior to each scheduled meeting. The Contractor shall prepare and deliver minutes derived from the meeting with a list of attendees within three (3) working days after the meeting. The Contractor shall deliver the read ahead and minutes IAW CDRL A001, Agenda, Read Ahead, and Minutes.

The MMRs shall include a review of the following areas:

a. Engineering and Configuration Management Review
b. Product Assurance (Quality) Review
c. Test Management Review
d. Integrated Logistics Support Review
e. Business Management and Contracts Review
f. Program Management Review
g. Program Security
h. Production and Shipping Status
i. Program Risks

C.1.3.3.3 Integrated Product Team (IPT) Meeting.
Starting with the ordering of production hardware, the Contractor shall schedule and participate in a Production IPT meeting to be held at a mutually agreed upon facility or via teleconference between the Contractor and the Government. The meeting shall be held on a weekly basis (unless otherwise mutually agreed upon) and shall last no longer than two hours. The Contractor shall have representation from the functional areas consisting of engineering, quality, logistics, CM, and production. The Contractor shall prepare and deliver an agenda or read ahead for the meeting at least one (1) working day prior to each scheduled meeting. The Contractor shall prepare and deliver minutes derived from the meeting with a list of attendees within three (3) working days after the meeting. The Contractor shall deliver the agenda, read ahead, and minutes IAW CDRL A001, Agenda, Read Ahead, and Minutes.
C.1.3.3.4 Meeting Management.

C.1.3.3.4.1 Security and Anti-terrorism Initiatives.

The Contractor shall comply with all security requirements and regulations for meetings, activities or events that require attendance on a DoD installation.

C.1.3.3.5 Facility Access.

The Government will provide information to support the Contractor’s access to Government facilities and locations in order to support this contract. The Contractor shall ensure designated Government personnel have access to the Contractor’s facility in support of this contract.

C.2 CONFIGURATION MANAGEMENT

The Contractor shall use MIL-HDBK-61A(SE), Configuration Management Guidance as a reference for Configuration Management (CM).

C.2.1 Production Baseline Configuration.

The Government provided FMTV Protection Kit TDPs (Attachment 0001, "Technical Data Packages (TDP)") are the official production baseline configuration. The Contractor shall not implement any changes to the production configuration (to include Configuration Control Board (CCB) approved ECPs, VECPs, and RFVs) without prior written approval by the PCO.

C.2.2 Changes to the Production Baseline Configuration.

The Contractor shall propose changes to the production baseline configuration via the submission of change packages, which include Engineering Change Proposals (ECPs), Value Engineering Change Proposals (VECPs) and Requests for Variance (RFVs). ECPs affect a permanent change to the production baseline configuration and Protection Kits TDP. VECPs affect permanent changes to the production configuration where cost savings are applicable due to impacts related to the Protection Kits TDP, Integrated Logistics Support (ILS), Manpower Personnel Integration (MANPRINT), and Life Cycle Cost (LCC). RFVs temporarily deviate or waive from production baseline requirements for a specified period of time or range of serial numbers.

All ECP, VECP and RFV packages shall contain supporting data in order for the Government to evaluate each proposed change. Each change package shall also include new technical data (if applicable) and redlined technical data (for technical data revisions). ECPs, VECPs and RFVs generated under this contract shall ensure that the changed FMTV Protection Kits meet or exceed the performance specifications of the production baseline configuration. The Contractor shall develop and deliver all new and redlined technical data IAW MIL-STD-31000A, Department of Defense Standard Practice: Technical Data Packages and industry drawing standards, ASME Y14.100 Engineering Drawing Practices, ASME Y14.34 Associated Lists, ASME Y14.35, Revision of Engineering Drawings and Associated Documents and ASME Y14.24 Types and Applications of Engineering Drawings. The Contractor shall utilize tolerance methods where applicable per ASME Y14.5, Dimensioning and Tolerancing. Engineering drawings and associated lists shall provide the design, engineering, manufacturing and quality assurance information sufficient to procure and or manufacture an item without additional design engineering effort or recourse to the original design activity. An item, component, or process which has been or will be developed exclusively with Government funds by the Contractor or Subcontractor(s) shall be delivered to the Government with unlimited rights. For data deliverables, the Contractor shall deliver to the Government all technical data and software required under this Scope of Work (SOW). The Contractor shall deliver, mark, and grant rights in all noncommercial technical data and computer software deliverables in accordance with DFARS 252.227-7013 and 252.227-7014.

C.2.3 Documented Processes and Information for Submittal of ECPs, VECPs and RFVs.

C.2.3.1 ECP, VECP and RFV Number Assignment.

The Contractor shall request ECP or VECP numbers from PD MTV, MTV Configuration Management Functional Technical Representative. The Contractor shall assign RFV numbers using the XXXV#### format, where XXX is an abbreviation for the Contractors name and #### is a four (4) digit number designating each unique RFV and starting with 0001. These numbers shall be used on an individual basis as a control identifier for the change packages. Once a number is assigned to the first submission of a change package, that number shall be retained for all subsequent submissions of that change package. Once a change package is CCB approved, it cannot be changed, supplemented, or revised. A new ECP, VECP or RFV shall be developed and delivered to correct, change, or amend an existing approved ECP, VECP or RFV.
When a change package requires change or revision prior to approval, the changed or revised proposal shall be identified by adding the identifier "R#", where R# is the number of the revision. These identifiers shall become a permanent part of the change package number. The complete change package number including change and revisions identifiers shall not exceed 15 characters.

C.2.3.2 Engineering Change Proposals (ECPs).

The Contractor shall prepare and deliver ECPs IAW CDRL C001, Engineering Change Proposals (ECP) and the forms and instructions provided in Attachment 0007, "Instructions for Preparing ECP Forms". Optionally, the Contractor may choose to develop its own forms for the submission of ECPs or VECPs. These forms shall contain all the same information required by the standard ECP Forms. PD MTV Configuration Management Office will review and approve the Contractors forms prior to use. Each ECP shall contain an ECP Enclosure List (see Section C.2.3.2.2) and ECP Interchangeability Form (see Section C.2.3.2.3).

C.2.3.2.1 Justification for Permanent Change.

With each ECP delivered, the Contractor shall justify the need for making a permanent change to the production baseline configuration and the FMTV Protection Kits TDP. This justification shall address what effects (impacts) the proposed change will have on the production, fielding, retrofit, spare or repair parts, compatibility with previously fielded FMTV Protection Kits, performance, manufacturing, quality, maintenance, packaging, MANPRINT, logistics, safety, transportability, cost (production and support), electromagnetic environmental effects and survivability (if applicable).

C.2.3.2.2 ECP Enclosure List.

For each ECP, the Contractor shall prepare an ECP Enclosure List and incorporate it as part of the ECP package. The list shall identify all documents contained in the ECP package. In addition, the list shall identify all end items affected, other ECPs pending against the documents listed, and National Stock Numbers (NSNs) impacted by part number changes referenced in the ECP. Instructions for completing the ECP Enclosure List are found in Attachment 0007, "Instructions for Preparing ECP Forms".

C.2.3.2.3 ECP Interchangeability Form.

For each ECP, the Contractor shall provide an ECP Interchangeability Form to document the effect the proposed change has on interchangeability or when there is an "Add and or Delete List" of components. The Interchangeability Form shall follow the ECP Forms and precede the redlines and drawings in each change package. Instructions for completing the ECP Interchangeability Form are found in Attachment 0007, "Instructions for Preparing ECP Forms".

C.2.3.2.4 Add/Delete List.

For each ECP, the Contractor shall provide an ECP Add/Delete List as part of the ECP package. The list shall identify part and assembly numbers that are added or deleted from each drawing number within the ECP package. Each part or assembly number shall be described with categories consisting of Notice of Revision number, drawing number, parent nomenclature, TACOM part number, component nomenclature, add and remove quantity, and find number within the drawing.

C.2.3.3 Value Engineering Change Proposals (VECPs).

The Contractor shall prepare and deliver VECPs in the same manner as standard ECPs (see Section C.2.3.2) and pursuant to the VE Clause, FAR 52.248-1.

C.2.3.4 Request for Variance (RFV).

When a variance to the FMTV Protection Kits TDP or other contract requirement is considered by the Contractor, the Contractor shall prepare and deliver an RFV IAW CDRL C002, Request for Variance (RFV) and the forms and instructions provided in Attachment 0008, Instructions for Preparing RFV Forms. Optionally, the Contractor may choose to develop its own forms for the submission of RFVs. These forms shall contain all the same information required by the standard RFV Forms. PD MTV Configuration Management Office will review and
The Contractor shall deliver all ECPs, VECPs and RFVs to the Government for review IAW Section C.2.3.

C.2.3.5 Delivery of Data.

The Contractor shall deliver all ECPs, VECPs and RFVs to the Government for review IAW Section C.2.3.

C.2.3.6 Government Review.

The Government is the Original Design Authority for all products and data developed under this contract and, as the Current Document Change Authority (CDCA), is the only entity with decision authority over the items configuration and respective design data. The Governments CCB will review each ECP, VECP and RFV and either reject the requested change, return it to the Contractor for further revision or approve the change package. The Contractor shall review and respond to all non-concurrence notifications and questions prior to the Government CCB providing its final decision. The Government may require the Contractor to perform additional tests prior to Government approval to verify acceptability of any changes the Contractor proposes. The Government will determine the extent of testing to include failure to meet the contractor's quality procedures and the contractor shall demonstrate satisfactory performance.

C.2.3.7 Effectivity Certification.

Changes resulting from PD MTV approved ECPs, VECPs or RFVs shall be incorporated to the production line only upon PCO notification of a contract modification. Each ECP, VECP or RFV shall be applied to the production line at a single cut-in point (single kit) within six (6) months of the ECP, VECP or RFV approval letter is submitted into Windchill unless an exception is approved by the Government via a PCO letter. The Contractor shall submit an exception request to the Government should the above not be met. The Contractor shall obtain Defense Contract Management Agency (DCMA) verification before electronically delivering the effectivity form to the Government.

C.2.3.8 Responsibility for Cost of Changes.

C.2.3.8.1 Contractor Requested.

1. The Government will not be responsible for additional costs to the kits that result from a Contractor requested, Government approved ECP or RFV unless the PCO grants approval and modifies the requested change into the contract.

2. When a change results in reduced costs to the Contractor, the Government may obtain an equitable reduction in contract price. The Contractor may be required to certify cost impacts and the Government may conduct post-change approval audits.

3. The Government will not be liable for any cost the Contractor incurs due to delay in contract performance as a result of any of the Contractor requests for changes.

C.2.3.8.2 Government Directed.

If the Government changes the FMTV Protection Kits production configuration, the PCO will direct the contractor to submit an ECP and price proposal (with certified cost and pricing data when required) covering the configuration change(s).

C.2.3.9 Responsibility for Failure Due to Changes.

The Governments approval of the Contractors requested ECP, VECP or RFV does not relieve the Contractor of its responsibility to furnish conforming parts. The Contractor shall accept responsibility for any failure that renders the FMTV Protection Kits non-mission capable.

C.2.4 Physical Configuration Audits (PCAs).
C.2.4.1 The Contractor shall perform and Government personnel will witness PCAs to validate the FMTV Protection Kits production configuration. The PCAs shall conform to the FMTV Protection Kits TDP, IAW Attachment 0001, Technical Data Packages. Guidance for conducting the PCA is contained in SAE EIA-649-1, "Configuration Management Requirements for Defense Contracts". The Contractor shall deliver for Government approval, a detailed Physical PCA plan for the Pre-Production Kits PCA, IAW CDRL C003, Physical Configuration Audit (PCA) Plan, within thirty (30) days of contract award.

C.2.4.2 During the period of this contract and at the Government's discretion, the Contractor may be required to perform follow-up PCAs, particularly following a contract modification to incorporate an ECP, VECP or RFV package to this contract. If a follow-up PCA is required, the Government will issue a bilateral modification for the effort. The Contractor shall deliver for Government approval, a detailed Physical Configuration Audit Plan for the follow-up PCA, IAW CDRL C003, "Physical Configuration Audit (PCA) Plan", within thirty (30) days after receipt of the order requiring the PCA. Hardware delivered for the PCA shall be built to the current Production Level TDP.

C.2.4.3 The PCAs shall be performed on the items selected by the Government. The Government will choose drawing characteristics to verify during the PCA. The Government will identify the items to be audited based on Production Level TDP or ERR submittal. The Contractor shall deliver the PCA within ninety (90) days unless otherwise agreed upon and authorized by the FCO. For PCAs that are expected to take five (5) calendar days or longer, the Contractor shall submit a PCA schedule IAW CDRL C004, "Physical Configuration Audit (PCA) Plan", which will be approved by the Government. The Government will select a sample of parts as delineated in the Government approved Configuration Audit Plan. The sample size and Verification Level (VL) of a component, system and/or sub-system will be specified by the Government IAW MIL-STD-1916, DoD Test Method Standard, DoD Preferred Methods for Acceptance of Product.

C.2.4.4 The Contractor shall provide email notification to PD MTV Engineering, Quality, and the cognizant ACO no less than thirty (30) days prior to conducting a PCA. The Contractor shall provide an agenda IAW CDRL A001, "Agenda, Read Ahead, and Minutes". The Government Quality Assurance Representative(s) will be present during the execution of the PCA. The Contractor shall ensure that the PCA report contains the following data:

i. All first piece inspection reports.
ii. Material, hardness and finish certifications.
iii. All subassembly inspection and material, hardness and finish certifications.

The Contractor shall provide additional deliverables in the PCA report as defined in SAE EIA-649-1, "Configuration Management Requirements for Defense Contracts".

C.2.4.5 The Contractor shall audit all production representative parts, assemblies, subassemblies, as well as Quality Assurance Provisions designated for PCA to ensure compatibility with the drawings.

C.2.4.6 If the Contractor or the Government finds no difference between the PCA item, the Production Level TDP, and related quality assurance technical data, the Contractor shall deliver a final PCA report fifteen (15) days after PCA completion, including the PCA Inspection Reports for Government approval IAW CDRL C004, "Physical Configuration Audit (PCA) Report".

C.2.4.7 If deficiencies are found in the hardware during the PCAs that differ in fit, form or function, Geometric Dimensioning and Tolerancing (GD&T), or have a logistics impact from the FMTV Protection Kits TDP, the Contractor shall initiate corrective action to correct the deficiencies at no additional cost to the contract. General hardware characteristics such as component workmanship i.e., poor soldering on a circuit card, or burns on a component, shall be corrected. The Contractor shall request corrections to drawing deficiencies such as spelling errors, drawing format deficiencies, and incorrect dimensioning at the Governments discretion. Requested corrections that are validated, will be completed by the Government via in house ECP processes.

C.2.4.8 In the event hardware deficiencies are not resolved and corrected, the Contractor shall be deemed to have failed to make delivery within the meaning of the default clause of this contract.

C.2.4.9 The Government reserves the right to stop acceptance of all Protection Kits if the PCA is not completed within the schedule specified in the approved PCA plan. All costs associated with the contract due to failure to complete the PCA as scheduled (to include
corrective actions) in the approved PCA plan shall be borne by the Contractor.

C.2.5 Subcontractors Configuration Management.

The Contractor shall flow down configuration management policies and requirements to their Subcontractors. This flow down of requirements shall be part of the Contractor's sub-contract or purchase order award. The configuration disciplines to be required of Subcontractors shall include configuration identification, configuration control, configuration status accounting, and configuration audits. The Contractor shall impose configuration management requirements on Subcontractors to maintain the Contractor's configuration management system and the production configuration.

C.2.5.1 The Contractor shall require Subcontractors to notify the Contractor of changes that impact form, fit or function, interchangeability, and changes which affect part identification or changes which impact the safety, maintainability, reliability, or supportability of the supplied items.

C.2.5.2 The Contractor shall provide the Government with a copy of their plan to manage Subcontractors within 60 days of the contract award IAW CDRL C005, "Subcontractor Flowdown Plan". The plan shall:
   a. Detail and define all contract requirements, to include Configuration Management, Quality, Integrated Logistics Support, and Information Assurance, of this contract that are flowed down and required to Sub-contractor(s).
   b. Detail and define how the Contractor will manage, document and audit Subcontractor(s) compliance.

C.3 SUPPORT PACKAGE

C.3.1 Product Support Package Plan (PSPP)
The Contractor shall develop a PSPP describing how the Contractor plans to support PSP requirements for Production Verification Test. The Contractor shall develop and submit the PSPP IAW CDRL C005, Product Support Package Plan (PSPP).

C.3.3 Product Support Package (PSP): In support of Production Verification Test (PVT) events, the Contractor shall prepare and deliver a PSP IAW CDRL C006, Product Support Package. The Contractor shall bear sole responsibility that:
   - The PSP supports the current configuration
   - The PSP is correct and complete
   - Fulfillment of PSP shortages or deficiencies

The Contractor shall mark each individual item in the PSP with the NSN, CAGE, part number, quantity, and nomenclature. The Contractor shall conduct a joint inventory with the Government before Government acceptance of the PSP. The Contractor shall deliver a PSP consisting of the items in quantities detailed in the table below.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>NOMENCLATURE</th>
<th>QTY</th>
<th>UI</th>
<th>NSN</th>
</tr>
</thead>
<tbody>
<tr>
<td>12532048-002</td>
<td>SEAL DOUBLE BULB</td>
<td>12</td>
<td>METERS</td>
<td>5330-01-645-7301</td>
</tr>
<tr>
<td>12532048-001</td>
<td>SEAL DOUBLE BULB</td>
<td>12</td>
<td>METERS</td>
<td>5330-01-585-0124</td>
</tr>
<tr>
<td>12505414-004</td>
<td>SEAL CLOSED CELL</td>
<td>12</td>
<td>METERS</td>
<td>5330-01-572-5120</td>
</tr>
<tr>
<td>12505430</td>
<td>SEAL WEAPON STATION</td>
<td>4</td>
<td>EACH</td>
<td>5330-01-567-9060</td>
</tr>
</tbody>
</table>

C.3.3.1 The Contractor shall bear sole responsibility for and rectify any PSP shortages or deficiencies identified during the joint Government and Contractor inventory. The Contractor shall rectify PSP shortages or deficiencies within 24 hours of notification.

C.3.3.2 The Contractor shall propose updates to the PSP when required due to PVT or configuration changes. The Government will analyze and approve any proposed changes to the PSP. The Contractor shall submit a request for an equitable adjustment to the contract for the cost of the additional parts needed to complete PVT.

C.4 THREAT AWARENESS REPORTING PROGRAM

Threat Awareness Reporting Program. For all contractors with security clearances working on Army contracts whether the contract is
classified or not. Per AR 381-12, Threat Awareness and Reporting Program (TARP), contractor employees must receive annual TARP training by a CI agent or other trainer as specified in 2-4b.

*All contractor employees with security clearances working on any Army contract must receive annual TARP training by a Counter Intelligence (CI) agent, or other authorized designated training method, per Army Regulation 381-12, para. 2-4b, Threat Awareness and Reporting Program (TARP). The in-person training is the preferred method, and is available by contacting the local CI Office to arrange for the conduct of training.

The Contractor shall contact the CI Office within (30) days of contract award to schedule TARP training. Once training is complete Contractor shall provide certificates/proof of completion of training to the Contracting Officer’s Representative (COR), if assigned to the contract, or to the Procurement Contracting Officer (PCO) within (10) days of completion. The Contractor shall contact the CI Office to schedule training for any new employee whose performance commences after award, and who did not attend the initial TARP training session. Upon completion of the TARP training, certification/proof of completion shall be provided as required in paragraph b. above.

In special circumstances (on deployments or in remote locations) when in-person training is not available, TARP computer based training (CBT), which has been approved by Deputy Chief of Staff (DCS), G-2, is the only authorized online training method permitted. This alternate CBT training is only authorized in special circumstances with written approval obtained from the PCO. Upon receipt of the necessary written approval, contractor employees possessing an Army Knowledge Online (AKO) account and password or a Common Access Card can register and complete the online TARP training course by utilizing the Army Learning Management System (ALMS) at: .

*** END OF NARRATIVE C0001 ***
SECTION D - PACKAGING AND MARKING

D.1.1 Packaging

The contractor shall preserve and package the hardware as described below:

**Individual 58 Gallon B-Kits and Individual 78 Gallon B-Kits:**

NSN 2540-01-552-7805 (P/N 57K6013): FMTV 58 gallon B-Kit (opaque and transparent armor package with 58-gallon FTFS) shall be packaged IAW the Special Packaging Instructions (SPI), AK15527805, Revision M (Attachment 0009, Special Packaging Instructions)

NSN 2540-01-576-3447 (P/N 57K6414): FMTV 78 gallon B-Kit (opaque and transparent armor package with 78-gallon FTFS) shall be packaged IAW the SPI, AK15763447, Revision M (Attachment 0009, Special Packaging Instructions)

58 Gallon B-Kits and 78 Gallon B-Kits Packed in Quantities of Four (4) in ISO Containers:

NSN 2540-01-602-9659 (P/N 57K6420-001): FMTV 58 gallon B-Kit (armor package with 58-gallon Fuel Tank Fire Suppression[FTFS]) shall be packaged IAW the Special Packaging Instructions (SPI), AK15527805, Revision M (Attachment 0009, Special Packaging Instructions) then pack four (4) each B-Kits, in an ISO container in accordance with (IAW) Commercial Item Description (CID) A-A-59272, Type II.

NSN 2540-01-602-9660 (P/N 57K6420-002): FMTV 78 gallon B-Kit (opaque and transparent armor package with 78-gallon FTFS) shall be packaged IAW the SPI, AK15763447, Revision M (Attachment 0009, Special Packaging Instructions) then pack four (4) each B-Kits, in an ISO container IAW CID A-A-59272, Type II.

The Contractor shall provide ISO containers IAW with commercial item description (CID) A-A-59272, (Attachment 0010, ISO Container Commercial Item Description (A-A-59272)) for both NSN 2540-01-602-9659 and 2540-01-602-9660. The ISO containers shall be Type II, with opening doors on both ends of the container. The ISO container dimensions shall be 20 foot x 8 ft x 8 ft. The contractor shall load four (4) each armor crates and four (4) each FTFS crates of the same type, four (4) 58 gallon kit(s) or four (4) 78 gallon kit(s), following acceptance into the ISO containers (see Attachment 0021, ISO Packaging Process, for layout). This Section D.1 supersedes Section 3.2 - Description and Section 3.2.1 - Standard product, of the CID A-A-59272, as all ISO containers shall be new OR one time usage only. All ISO containers shall adhere to the ISO inspection criteria included in (Attachment 0002, ISO and Tricon ISO Container Inspection Criteria).

**Underbody Armor Kit and Underbody Counterweight Kit for Testing**

Special Packaging Instructions do not currently exist for the Underbody Armor Kits or the Underbody Counter Weight Kit. The Contractor shall package these kits meeting the following requirements:

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.

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.

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

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

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

The FMTV Underbody Armor Kit and Underbody Counterweight Kits shall then be packed as follows:

P/N 57K6434: FMTV Underbody Armor Kit (armor panels, blast seats, reinforced cab doors, and required hardware with Cab Lift Cylinders and Mounting Kit, P/N 57K6430) shall be packed four (4) each Underbody Armor Kits, in ISO container IAW CID A-A-59272, Type II. The overall dimensions of four (4) crates shall be able to fit into an ISO container. The contractor shall provide ISO containers IAW with ISO Container Commercial Item Description (CID) (A-A-59272) Attachment 0010. The ISO container shall be Type II, with opening doors on both ends of the container. The ISO container dimensions shall be 20 foot (ft) x 8 ft x 8 ft. The contractor shall load four (4) each Underbody Armor Kit crates following acceptance into the ISO containers. This Section D.1 supersedes Section 3.2 - Description and Section 3.2.1 - Standard product, of the CID A-A59272, as all ISO containers shall be new OR one time usage only. All ISO containers...
shall adhere to the ISO and Tricon ISO Container Inspection Criteria included in Attachment 0002.

P/N 57K6435: FMTV Underbody Counterweight Kit (steel plates and required hardware), required for installation on M1078 Cargo variant only, shall be packed four (4) each Underbody Armor Kits, in Tricon ISO container IAW MIL-PRF-32349, Type 2. The overall dimensions of four (4) crates shall be able to fit into a Tricon container. The Contractor shall provide Tricon ISO Containers IAW with paragraph C.1.1.3.

**Underbody Armor Kit and Underbody Counterweight Kit for Production**

Special Packaging Instructions do not currently exist for the Underbody Armor Kits or the Underbody Counter Weight Kit. The Contractor shall package these kits in accordance with MIL-STD-2073-1E, Preservation: Military, Packing Level: A.

The FMTV Underbody Armor Kit and Underbody Counterweight Kits shall then be packed as follows:

P/N 57K6434: FMTV Underbody Armor Kit (armor panels, blast seats, reinforced cab doors, and required hardware with Cab Lift Cylinders and Mounting Kit, P/N 57K6430) shall be packed four (4) each Underbody Armor Kits, in ISO container IAW CID A-A-59272, Type II. The overall dimensions of four (4) crates shall be able to fit into an ISO container. The contractor shall provide ISO containers IAW with ISO Container Commercial Item Description (CID) (A-A-59272) Attachment 0010. The ISO container shall be Type II, with opening doors on both ends of the container. The ISO container dimensions shall be 20 foot (ft) x 8 ft x 8 ft. The contractor shall load four (4) each Underbody Armor Kit crates following acceptance into the ISO containers. This Section D.1 supersedes Section 3.2 - Description and Section 3.2.1 - Standard product, of the CID A-A59272, as all ISO containers shall be new OR one time usage only. All ISO containers shall adhere to the ISO and Tricon Container Inspection Criteria included in Attachment 0002.

P/N 57K6435: FMTV Underbody Counterweight Kit (steel plates and required hardware), required for installation on M1078 Cargo variant only, shall be packed four (4) each Underbody Armor Kits, in Tricon ISO container IAW MIL-PRF-32349, Type 2. The overall dimensions of four (4) crates shall be able to fit into a Tricon container. The Contractor shall provide Tricon ISO Containers IAW with paragraph C.1.1.3.

D.1.2

The contractor shall provide all labor, supervision, tools, equipment, technical assistance, and materials (including Tricon and ISO Containers) to complete the kit packaging and preparation for shipping.

D.1.3 Data Deliverables:

The contractor shall preserve and package required software, technical data, reports, etc. delivered under this contract to deter theft and assure safe arrival to the destination without damage to contents. All software, tech data, reports, etc. shall be identified by the prime contract number, name and address of the prime contractor, and where applicable, the name and address of the subcontractor generating the data.

D.2 HAZMAT:

For each hazardous material item shipped under this contract, a copy of the Material Safety Data Sheet (MSDS) shall be placed into a sealed pouch and attached to the outside surface area of the Unit Container and Intermediate Container containing the prescribed hazardous material item. The contractor shall comply with the applicable codes and standards listed here: (1) Code of Federal Regulation Titles 29, 40 and 49, (2) International Maritime Dangerous Goods Code, for vessel transport, and (3) AFMAN 24-204, Preparing Hazardous Materials for Military Air Shipments and (4) International Air Transport Association (IATA).

D.3 MARKING

D.3.1: General Markings

The items processed in accordance with Paragraphs D.1.1 and D.1.3 shall be marked by the contractor in accordance with MIL-STD-129.

D.3.2 Special Markings

The contractor shall be responsible for application of the following special markings: Shelf Life, hazardous material, structural, and special handling markings. The Contractor shall staple one LTAS sticker to the side of each armor crate and each FTFS kit crate. The Contractor shall supply LTAS stickers IAW Attachment 0011, LTAS Sticker Drawing.

D.3.3 ISO Markings

The outside of the 20-foot ISO and Tricon ISO containers shall be marked with an Item unique identification (IUID) tag IAW MIL-STD-130N W/Change 1 dated 16 November 2016. The IUID tag shall state either:

B-Kits and 58 Gal FTFS (4 each); NSN 2540-01-602-9659; Serial Numbers for all kits
B-Kits and 78 Gal FTFS (4 each); NSN 2540-01-602-9660; Serial Numbers for all kits Underbody Armor Kits (4 each); NSN once assigned; Serial Numbers for all kits
Underbody Armor Kits (4 each); NSN once assigned; Serial Numbers for all kits
Underbody Counterweight Kits (4 each); NSN once assigned; Serial Numbers for all kits
The contractor shall affix these tags to an outside door on each side of each ISO/Tricon container.

D.3.4 Stenciling
The Contractor shall stencil the outside door on each side of each ISO container in accordance with MIL-STD-129R dated 14 February 2014. The marking shall include NSN; Part Number (P/N); Nomenclature; Manufacture; Quantity; Manufacture Date and Serial Numbers for all kits in the container.

D.3.5 Crate Markings
D.3.5.1 B-Kit Armor Crate Markings. The contractor shall mark B-Kit Armor crates in accordance with MIL-STD-129R dated 14 February 2014 and the SPIs in Attachment 0009, Special Packaging Instructions.
D.3.5.2 FTFS Crate Markings. The contractor shall mark FTFS crates in accordance with MIL-STD-129R dated 14 February 2014 and the SPIs in Attachment 0009, Special Packaging Instructions.
D.3.5.3 Underbody Armor Kits. The contractor shall stencil all Underbody Armor Kit crates as shown below:

UNDERBODY IMPROVEMENT KIT
NSN: 2540-01-659-2573
PN: 57K6427 MFR CAGE: XXXXX 1 EA.
S/N:
Date: MM/DD/YYYY

D.3.5.4 Underbody Counterweight Kits. The contractor shall stencil all Underbody Counterweight Kit crates as shown below:

UNDERBODY COUNTERWEIGHT KIT
Part Number: 57K6428 MFR CAGE: XXXXX 1 EA.
S/N:
Date: MM/DD/YYYY

D.4 HEAT TREATMENT AND MARKING OF WOOD PACKAGING MATERIALS
D.4.1:
In accordance with DOD 4140.65-M and the requirements of the International Standards for Phytosanitary Measures 15 (ISPM), Regulation of Wood Packaging Material in International Trade, current edition, (hereinafter 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.4.2:
Boxes/pallets and any wood used as inner packaging made of non-manufactured wood shall be heat-treated. All WPM using a conventional steam or dry kiln heat chamber (treatment code for the mark: HT) shall be heat treated to a minimum core temperature of 56 degrees Celsius for a minimum of 30 minutes, and 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 in ISPM 15, and shall be 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>). 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.4.3
Each box/pallet shall be marked to show the conformance to the International Plant Protection Convention Standard. The ALSC approved quality mark shall be placed on both ends of the outer packaging, between the end cleats or end battens. Pallet markings shall be applied to the 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.

D.5 IUID

D.5.1 IUID Marking Plan: The Contractor shall deliver an IUID Marking Plan IAW CDRL D001, IUID Marking Plan. The plan shall include a list of components for which an IUID is required. The plan shall be submitted as defined by the latest version of the DoD Guide to Uniquely Identifying Items, Assuring Valuation, Accountability and Control of Government Property and MIL-STD-130N W/Change 1 dated 16 November 2016, Identification Marking of U. S. Military Property. The Government will review the plan for appropriateness and completeness to ensure the Contractor has correctly identified items, defined how the engineering assessment for data plate or marking
D.5.2 Unique Item Identifier (UII):

D.5.2.1 The Contractor shall apply IUID to those items specified in the Approved IUID Items List. Application shall be as specified in DFARS 252.211-7003, MIL-STD-130N W/Change 1 dated 16 November 2016, Identification Marking of U. S. Military Property and the DoD Guide to Uniquely Identifying Items. Packaging of items bearing IUID shall be marked as specified in MIL-STD-129R dated 14 February 2014, Military Marking for Shipment and Storage. To access these publications, see.

D.5.2.2 Items Requiring IUID

D.5.2.2.1 IUID Candidate Items: The Contractor shall deliver an IUID Candidate List IAW CDRL D002, IUID Candidate List. The approved IUID items list shall be deemed incorporated into DFARS clause 252.211-7003 as paragraph (c)(1)(i and ii).

D.5.2.2.2 IUID Marking: Each of the items on the Approved IUID Items List shall be marked with the information as specified in DFARS 252.211-7003, MIL-STD-130N W/Change 1 dated 16 November 2016 and the DOD Guide to Uniquely Identifying Items.

D.5.2.2.3 Marking Methodology: The Contractor shall embed the data matrix mark in the items data plate or, if that is not feasible, it will be located on a durable label meeting MIL-STD-130N W/Change 1 dated 16 November 2016 permanency standard, which will be affixed to the existing data plate(s) or placed in a standard commercial location on parts without data plates. The IUID marking shall be IAW the TDP. If the technical data has not specified the marking location, markings shall be located such that they are visible during use of the item, if sufficient space is available.

D.5.2.2.4 Mark Legibility and Durability: Mark legibility and durability shall be as prescribed in MIL-STD-130N W/Change 1 dated 16 November 2016. Direct part marking and identification plates, identification bands, identification tags, or identification labels used shall be as permanent as the normal life expectancy of the item and be capable of withstanding the environmental tests and cleaning procedures specified for the item to which it is affixed. The Contractor shall select the appropriate marking method to ensure the mark will withstand the specified rebuild processes. However, if it is not feasible to mark an item with Machine-Readable Information (MRI) that will survive its intended life cycle, including the rebuild process when applicable, the item shall be marked in a way that will survive its anticipated life cycle up to the point of rebuild.

D.5.2.2.5 Marking of Packaging of Items Bearing IUID: As specified in DFARS 252.211-7003 the contractor shall mark the packaging of items bearing IUID IAW MIL-STD-129R dated 14 February 2014.

D.5.2.2.6 Deleterious Effect: The Contractor shall accomplish marking of items in a manner that will not adversely affect the life and utility of the item. The Contractor shall not use marking materials that create hazardous conditions.

D.5.2.3 Mark Quality Assurance

D.5.2.3.1 Item Mark Quality Assurance: The Contractor shall conduct quality assurance of item marks as prescribed by DFARS 252.211-7003 and MIL-STD-130N W/Change 1 dated 16 November 2016. Quality assurance shall include verification and validation of marks, as described in MIL-STD-130N W/Change 1 dated 16 November 2016. Sampling is acceptable as long as applied to the marks on each type of item. The Contractor shall conduct Verification and Validation using a verifier apparatus. The Contractor shall report and retain the report of each Validation or Verification processed. The Contractor shall retain the report for one year, subject to Government inspection.

D.5.2.3.2 Packaging Mark Quality Assurance: When the IUID verification and validation capability for packaging is not available, within 60 days of contract award, the Contractor shall assure the Contracting Officer in writing that packaging of items bearing IUID will be marked IAW the provisions of MIL-STD-129R dated 14 February 2014, to include use of a Portable Data File (PDF) 417 bar code and enveloping serial numbers and unique item identifiers.

D.5.2.4 IUID Registration
D.5.2.4.1 The Contractor shall report IUID pedigree data to the DoD IUID Registry using the procedures specified in DFARS 252.211-7003. The use of iRAPT WAWF is required for end items. The Contractor may report components using the alternate procedures described in the above DFARS clause.

D.5.2.4.2 If the Contractor chooses to mark items using IUID Construct #1, in addition to the iRAPT WAWF submission and within 30 days following item acceptance, the Contractor shall report the original part number to the DoD IUID Registry as mark section data.

D.5.2.5 IUID Validation and Verification Report: The Contractor shall provide an IUID Validation and Verification Report to the Government. The report shall include a representative sample of IUID-related data matrix marks on items in each delivered Contract Line Item Number (CLIN), Subcontract Line Item Number (SLIN), and Exhibit Line Item Number (ELIN) for validation and verification. The Contractor shall deliver a copy of the validation and verification report for the first instance of each CLIN, SLIN and component delivered requiring an IUID. The Contractor shall validate and verify all IUID markings on principal end items IAW E.1.29, Final Inspection Record (FIR) and Modifications. The Contractor shall deliver the information once for each item marked and registered IAW CDRL D003, IUID Validation and Verification Report.

*** END OF NARRATIVE D0001 ***
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)  
(Address)  
(City)  
(State)  
(Zip)

**ACCEPTANCE POINT:**

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

[End of Clause]

**E.1 Quality Program.**

**E.1.1 Quality Program Requirements.** The Contractor shall develop, implement, and maintain a quality system for all supplies and services as well as software and hardware provided under this Contract. The Contractor shall register the quality management system to ISO9001, Quality Management Systems Requirements (QMS). In addition, the QMS shall meet all the requirements in this Contract. The Contractor shall register prior to or at the time of contract award. The Contractor shall update the quality manual to reflect changes to the Quality Management System (QMS). The Contractor shall submit initial and subsequent revisions to the quality manual to the Government for approval in accordance with (CDRL E001, QMS Manual and Revisions).

E.1.1.1 If the Contractor has a registration to ISO9001:2015 at the time of contract award, the requirements of ISO9001:2008 shall remain in effect, and shall be in addition to the requirements in ISO9001:2015. The Contractor shall not dismantle or change systems and processes in place under ISO9001:2008. The Contractor shall follow the specific requirements listed below.

**ISO9001:2015 Revision.** If the Contractor or Subcontractors register to this revision, the Contractor shall comply with contract provisions a – j (below) to ensure continued QMS effectiveness. These requirements consist of:

a. The Contractors and Subcontractors QMSs shall consist of a process for corrective action that addresses identification, development, and implementation of preventive actions. The Contractor and Subcontractors shall not ignore the corrective action process due to the emphasis and requirements in the ISO9001:2015 revision for risk-based thinking.

b. The Contractor shall write work instructions for all operations that directly and indirectly affect manufacturing. Such operations consist of engineering, quality, inspection, purchasing, outside services, retrofit, repair, re-work, shipping, service, warranty, and related processes.

c. Procedures and documents in place during and after the implementation of the ISO9001:2008 revision shall remain in effect when the Contractor and Subcontractors register to ISO9001:2015.

d. Formal and documented training for all complex jobs relating to manufacturing (as explained in b above) shall continue to take place.

e. The Contractor shall share all written quality objectives with the Government upon request.

f. The Contractor shall share all written output of the Contractors risk based thinking analysis with the Government upon request. When the Contractor completes risk analyses in areas of the company other than engineering, design and manufacturing, the Contractor shall use a quantitative scale for risk rating and ranking. Risk analyses for engineering, design, and manufacturing are covered under FMEAs (as further explained in E.1.4, Failure Modes and Effects Analyses (FMEAs)).
The Contractor shall document all linkages between procedures and processes required by ISO9001:2015 and share the linkages with the Government upon request. All the requirements in this contract shall be flowed down to the Subcontractors of production parts and services. All requirements of this contract, and ATDP 2352 (revision T), Purchase Description Transparent Armor shall be part of the Contractor and Subcontractors requirements and shall be part of the context of the organization. Government shall be included in the category of interested parties, so that the Contractors and Subcontractors shall meet Government needs and expectations.

The Contractor and Subcontractors shall not exclude departments, functions, sectors, and business units within the boundary of the scope of their certification to ISO 9001. The products and services affecting the integrity and quality of FMTV Protection Kits, and services shall be included in the scope of the registration (reference ISO9001:2015, paragraph 4.3, Determining the Scope of the QMS).

The Contractor and Subcontractor shall take no exceptions or exclusions to the requirements in ISO9001:2015.

All material purchased or manufactured by the Contractor, classified by the Contractor, the Subcontractors, or the Government as non-conforming shall be marked, tagged, and segregated from conforming material. The Contractor and Subcontractors shall maintain traceability of the non-conforming items through the application of the disposition. Government approval is required for the rework, repair, and use of material previously classified as non-conforming. All non-conforming material shall be subject to evaluation through the Contractors or Subcontractor(s) corrective and preventive action process. Root cause or causes shall be determined, and subsequently eliminated or mitigated. The Government will hold authority for approval of all corrective action reports.

The following definitions of ISO9001:2015 terms as used in paragraph E.1.1.:

- **Context of the Organization**: Business environment combination of internal and external factors and conditions that can have an effect on an organizations approach to its products, services, investments, and interested parties.

- **Interested Party**: Person or organization that can affect or be affected by, or perceive themselves to be affected by a decision or activity of the organization.

- **Scope, Boundary of**: (See ISO9001:2015 paragraph 4.3) The Organization determines the boundaries and applicability of the QMS to establish its scope. The organization shall consider external and internal issues, requirements of relevant interested parties, and the products and services of the organization.

- **Needs and expectations of interested parties**: are those issues having an impact or potential impact on the organizations ability to provide consistent products and services that meet the customer and applicable statutory and regulatory requirements. The organization shall determine if the requirements of these interested parties are relevant to the QMS.

- **Organization**: This term as used in this contract is synonymous with the Contractor and Subcontractors.

- **Risk**: The effect of uncertainty on an expected result. The effect can be positive or negative. Risk is often characterized by a reference to potential events and consequences or a combination of these.

Definitions of Government specific terms used in Section E:

- **8 Disciplines (8D)** - A problem solving methodology designed to find the root cause(s) of a problem and devise a short term fix (correction) and a long term plan to prevent recurring problems. The disciplines are D0 Plan, D1 Use a Team, D2 Describe the Problem, D3 Develop an Interim Containment Plan, D4 Determine and Verify Root Causes and Escape Points, D5 Verify Permanent Corrections, D6 Define and Implement Corrective Actions, D7 Prevent Recurrence, D8 Congratulate the Team.

- **Corrective Actions**: Are a set of actions taken to eliminate root causes and prevent recurrence. The Contractor and Subcontractors shall provide all corrective action answers using the 8D methodology and format.

- **Rework**: A procedure applied to a product to eliminate a non-conformance to the drawings, specifications, or contract requirements that will completely eliminate the nonconformance and result in a characteristic that conforms completely.

- **Repair**: A procedure, which reduces, but does not eliminate, a nonconformance. Repair is distinct from rework in that the characteristic after repair still does not completely conform to the applicable drawings, specifications, or contract requirements.

**E.1.2 Subcontractors QMS**

E.1.2.1 The Contractors QMS shall document and verify its review and acceptance of Subcontractor(s) QMS consisting of all Advanced Product Quality Planning (APQP) elements. The Contractor shall make documentation available for review upon Government request. The Government reserves the right to perform ad-hoc quality audits at the Contractors and Subcontractor(s) facilities.
E.1.2.2 Quality Planning. The Contractor and Subcontractor(s) shall establish Quality Plans that define the steps to assure that the product meets the Governments needs and expectations. The Quality Plan shall use a multi-disciplinary approach for decision-making. The Contractor and Subcontractor(s) shall employ Advanced Product Quality Planning (APQP) in accordance with the current revision of the APQP Manual (2nd Edition) published by the Automotive Industry Action Group (AIAG) in the composition of the quality plans.

E.1.2.3 Subcontractor Quality Assurance Program. The Contractor shall develop a Subcontractor quality assurance program and plan that requires certification to ISO 9001 for each Subcontractor. The Contractor shall have a means to track ISO 9001 certification status for all Subcontractors and shall provide the status to the Government upon request. The Subcontractor quality assurance program shall assure a developed, documented, implemented, and maintained system of quality procedures, work instructions, flow charts, and documented records for all products. The Subcontractor's Quality Assurance Plan shall be available for Government review upon request. The Contractor's quality manual shall include the Subcontractor quality assurance plan. The Contractor and Subcontractor(s) shall document in work instructions, all corrections, rework activities, repairs, and retrofits done on finished parts and kits. The Government will review and agree to these work instructions prior to the commencement of corrections, rework activities, repairs, and retrofits. The Government will respond with initial comments on the work instructions within 5 calendar days of receipt from the Contractor.

E.1.2.3.1 In the event that all the Subcontractor(s) have not been certified by a registrar to ISO 9001 at the time of contract award, the Contractor shall require all Subcontractor(s) to achieve certification no later than one (1) year after this contract award and maintain that certification throughout performance of this contract. If the Subcontractor(s) do not meet the requirements of or do not register to ISO 9001 within one year of this contract award date, the Government may not accept kits until such time that the registration of the Subcontractor(s) to ISO 9001 is complete.

E.1.2.3.2 Supplier Selection Process. The Contractor shall require their purchasing department to consider the risks associated with meeting product requirements and use quality performance metrics in the selection process for Subcontractor(s) used in the execution of this contract.

E.1.2.4 Contract Flow Down. The Contractor shall flow down all contract requirements associated with the Subcontractor(s) product(s) or service(s). The Government will have the right to review or access contractual documents between the Contractor and their Subcontractors.

E.1.2.5 The Contractor shall ensure that the Subcontractor(s) understand and are compliant with contract requirements prior to releasing contractual documents and subsequent changes.

E.1.2.6 The Contractor shall facilitate Government access to all facilities, processes, data, and records, comprising all tiers of Subcontractor(s). If the Contractor changes suppliers after passing First Article Tests or after submitting Level 3 PPAPs to the Contractor, it shall be subject to requalification of all post-test hardware, software, and supply chain changes shall be subject to requalification by the FAT process, CFAT process, and the PPAP, as described in CFAT paragraph E.1.12.1 or PPAP paragraph E.1.9.

E.1.3 Advanced Product Quality Planning (APQP) Linkages

E.1.4 Failure Modes and Effects Analyses (FMEAs)
E.1.4.1 Design and Process Failure Modes and Effects Analysis (DFMEA and PFMEA). The Contractor and Subcontractors shall conduct and provide DFMEAs and PFMEAs on all critical items and key subsystems. The Contractor and Subcontractor(s) shall submit a list of DFMEAs and PFMEAs to the Government for review and approval in accordance with CDRL E002, List of DFMEAs and PFMEAs. The Government will select DFMEAs and PFMEAs from the list for review. The information used to create this CDRL shall be available to the Government and discussed at IPTs and other reviews. The Contractor and their Subcontractors shall use the current edition of the FMEA Manual published by AIAG for the requirements needed to design, implement, and maintain the system, process, and documentation of DFMEA and PFMEA.

E.1.4.2 The Contractor and Subcontractor(s) shall identify the critical, special, or key characteristics of the product or process from the Technical Data. The Contractor or Subcontractor(s) shall incorporate these characteristics in the DFMEAs and PFMEAs. The potential failure modes and their effects deemed by the Contractor or Subcontractors team as high risk shall be controlled, mitigated, or eliminated. The Contractor shall record recommended actions, responsibility, target completion dates, and actions taken and effective date for the Government to consider the DFMEA and PFMEA complete and compliant to the requirements of this contract. The Contractor shall ensure that the DFMEA and PFMEA reflects the current drawing revision levels at all times. Risk Priority Number (RPN) is the product of the rankings for severity multiplied by occurrence multiplied by detection. The Contractor and Subcontractor shall use the tables in the AIAG FMEA Manual for ranking severity, occurrence, and detection unless or until tables are developed by the Contractor.
Continuation Sheet

Reference No. of Document Being Continued

Name of Offeror or Contractor:

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that are approved by the Government Product Assurance Team. The Contractor shall develop a process of continual improvement using FMEA RPM reduction. Top FMEA lists and FMEA goals shall guide the Contractor, rather than setting an RPM threshold. The Contractor shall reduce RPMs by the use of process behavior charts to show improvement of the process. Process behavior charts, previously known as Statistical Process Control Charts (SPC charts), are a tool for characterizing the voice of the process. These charts separate variation into two components: common (process has not changed) and special (a signal the process has changed). The Contractor shall plot data in a time series. A central line (or average) indicates a visual reference that detects shifts or trends. Upper and lower control limits (natural process limits) are computed from the data and placed symmetrically on either side of the central line.

E.1.4.3 The Contractor shall update the DFMEA, PFMEA, and related documents to reflect lessons learned, ecp changes, process changes, updated reliability predictions, and the results of corrective actions. The Contractor or Subcontractors shall provide DFMEAs and PFMEAs for review at the Governments discretion. Because the TDPs are unlimited right TDPs, the Contractor or Subcontractors shall not limit the Government access to DFMEAs and PFMEAs.

E.1.5 Control Plans (CP) The Contractor shall develop and maintain CPs in accordance with the APQP Manual, published by the AIAG. The CPs shall detail the execution of the production. Critical Safety Items (CSI) and special, or key characteristics, whether identified by the Government or the Contractor, shall be used in the development of CPs. The Contractor shall also include specific response plans when obtaining undesirable measurement results. The Methods section and the subsection Evaluation Measurement Technique shall employ statistical process control or process behavior charts to show when the process is in statistical control and is statistical capable. The response plans, in conjunction with the inspection and test frequency, shall ensure that zero suspect material leaves the Contractors facility in the event of an undesirable measurement. The control plans shall be living documents and shall always reflect the current processes. Control plans shall be controlled documents, retained for the life of the contract. The Government reserves the right to review control plans on request.

E.1.6 In-Process Inspection. The Contractor shall incorporate in-process inspection into the Contractor and Subcontractors overall QMS.

E.1.7 Inspection Equipment. The Contractor and Subcontractors shall be responsible for the supply, calibration, and maintenance of all measuring, monitoring, inspection, and test equipment necessary to ensure that end items and components conform to contract requirements. The Contractor and Subcontractors shall furnish and shall make available inspection equipment for Government review during the execution of this contract. The Government will use only the Contractor or Subcontractors calibrated inspection or test equipment.

E.1.8 Inspection Records and Drawings. The Government reserves the right to review inspection records, drawings, and process documents upon request.

E.1.9 Production Part Approval Process (PPAP). (See also: paragraph E.1.12.1, Component First Article Testing and paragraph E.1.14, Production Part Approval Process for Pre-Production Kits (PPK PPAP) The Contractor and Subcontractors shall demonstrate that their manufacturing and measurement processes have the capability of meeting design or specification requirements prior to the first shipment of product in accordance with PPAP Manual from the AIAG. The Contractor and Subcontractors shall validate the product(s) in accordance with the control plan developed by the Contractor or Subcontractors multi-disciplinary team and approved by the Contractor. The Contractor shall evaluate all testing equipment (manual or automated) used to verify compliance by the Contractor and Subcontractors for its contribution to the overall variation in the process using the protocols defined in the Measurement Systems Analysis (MSA) Manual from AIAG. The PPAPs must reach level 3, as defined in the PPAP Manual, for all Subcontractors and parts made in-house by the Contractor prior to Government acceptance of full rate production of kits. The Contractor shall produce a spreadsheet for all parts showing status of the individual PPAPs and the level reached. The Contractor shall include the status of all Subcontractor sourced parts in the spreadsheet. The Contractor shall include as part of the meeting minutes a PPAP status whenever the Government choses to hold a project status or quality meeting. If this Level 3 PPAP requirement is unfinished before the first kits are ready for sale, then the Contractor shall submit a Request for Variance (RFV) along with the interim approval worksheet and obtain a Government disposition before proceeding. The number of interim PPAPs after Government acceptance of full rate production kits shall be maintained at less than or equal to 3% of all PPAPs currently required. Test results and verifications essential in meeting FAT or CFAT requirements in the TDP shall be part of the PPAP package. The PPAP shall contain dimensional verifications, as outlined in the PPAP Manual published by the AIAG. The Contractor and Subcontractors shall ensure the maintenance of all Level three (3) PPAPs (including FATs or CFATs) after Government acceptance of full rate production of kits.

If a Subcontractor alters the aspects of the manufacturing process that consists of:

a) Moving, replacing, or modifying the manufacturing process
b) Moving or modifying the manufacturing site
c) Changing a sub-supplier, material or parts
d) Changing owners
e) Changing processes from manual to automated or vice versa
f) Moving a part from internally to externally manufactured or vice versa

Then the Contractor or Subcontractors shall re-perform the PPAP (including the CFAT or FAT). The Contractor or Subcontractors shall
again achieve level three (3) PPAP approval. The Contractor or Subcontractors shall use the current revision of the Production Part Approval Process (PPAP) Manual for requirements and associated processes used for submission and approval of PPAPs at each level. The Government reserves the right to review all associated production part approval documents and records. The Contractor and the Subcontractors shall ensure that the PPAP process also applies to the kitting process.

E.1.10 Production Parts from Outside the US. If the Contractor or Subcontractors purchase parts or assemblies bought outside the United States of America, then the Contractor shall present the PPAP to Government Quality for approval during the PPAP process (CDRL E003, List of Production Parts from Outside the US). The Contractor and Subcontractors shall translate all PPAP documents in to English prior to submission to Government Quality.

E.1.11 Measurement Systems Analysis (MSA). The Contractor shall use the Automotive Industry Action Group (AIAG) Measurement Systems Analysis Manual (4th Edition) to design, develop, and implement all MSA studies and reports. The Contractor and Subcontractor(s) shall develop reports in Contractor format. MSA shall provide the system for the Contractors and Subcontractors to assure the test and measurement equipment contributes the minimum variation to the measurement of the parts, processes, and assemblies used in the design, build, and test of FMTV Protection Kits. MSA shall apply to all test equipment, measuring devices, gages, and fixtures used for product verification, validation, and acceptance.

E.1.12 Contractor and Subcontractor Component Testing Requirements.

E.1.12.1 First Article Testing (FAT) or Component First Article Testing (CFAT). (See section titled, PPAP, E.1.9.) FAT or CFATs shall be required for components, systems, or sub-systems as indicated in the FMTV Protection Kits TDPs. The Technical Data specifies the testing requirements. Some of the requirements in the TDPs do not specifically state the term CFAT or FAT requirements. Regardless, the Contractor shall treat the tests in the notes and in the specifications listed in the notes on the drawings (listed below) as CFAT/FAT requirements. The Contractor shall complete the PPAP Parts Submission Warrant (PSW) with the test results for the FAT/CFATs included under requirement 17, Records of Compliance with Customer-Specific Requirements.

E.1.12.2 Components, systems, and sub-systems consist of the following:

1. Transparent Armor
2. Opaque Armor

Items not finalized by the Contractor, at the time of this proposal, but are detailed in this Contract and listed above, shall still require a CFAT or PPAP. The Contractor shall define the actual tests and requirements in the individual Engineering Change Proposals (ECPs) governing each technical insertion.

E.1.12.3 Ballistic testing for opaque armor panels.

a) For steel armor, the Contractor shall submit two (2) FAT ballistic test samples in accordance with MIL-DTL-12560K, paragraphs 4.4 and 4.6.1, to the address listed in paragraph 4.2.1 and two (2) FAT ballistic test samples in accordance with MIL-DTL-46100E, paragraphs 4.4 and 4.6, to the address listed in paragraph 4.2.1 for each full or partial heat lot used.

b) For aluminum armor, the Contractor shall submit two (2) FAT ballistic test samples in accordance with MIL-DTL-32262A, paragraphs 4.3 and 4.5.1 to the address listed in 4.7.3.1, or for material IAW MIL-DTL-46027K, paragraphs 4.3 and 4.5 to the address listed in 4.7.3.1 for each full or partial heat lot used.

c) Ballistic testing for transparent armor (TA) panels shall pass ballistic ALLTEMP requirements called out in Table IV of Attachment 2. The Contractor shall submit 29 Transparent Armor (TA) samples plus five (5) spares IAW Armor Transparent Purchase Description (ATPD) 2352 (Attachment 2) (Revision R) to the address listed in paragraph 4.7 of the ATPD (Attachment 2) for ballistic CFAT. Recipe changes shall require a new CFAT. The Contractor is responsible for conducting the environmental and de-icing testing called for in ATPD 2352 (Attachment 2) as well as the required rock strike called out on drawing 12505426 (revision F). TA produced for drawing 12505427 (revision E) does not require de-icing or rock strike. Ballistic control tests shall consist of ten (10) samples plus two (2) spares and shall be delivered to the address listed in paragraph 4.7 of ATPD 2352 (Attachment 2). The Contractor shall mark all samples shipped and shall identify the contract number under which they were produced.

The Government reserves the right to be present at all testing. The Contractor shall notify the Government a minimum of 20 calendar days prior to conducting a test. At the Government’s discretion, failure to notify the Government within the time limit may be grounds to reject the test. The Contractor shall perform all CFATs in accordance with the appropriate FMTV Protection Kit TDP. The Contractor shall test Components in a system or sub-system requiring a CFAT individually prior to performing the system or sub-system FAT. When the Contractor combines components to form a system, the Contractor shall perform a system FAT (see table above).
The FAT or CFAT shall include a dimensional inspection that validates the component, system, or sub-system conforms to the TDP. (See also PPAP requirements)

The approved FAT or CFAT procedures shall become the baseline test requirements of the Quality Assurance Provisions. The component, systems, or sub-systems tested during FAT or CFAT shall be representative of items the Contractor shall manufacture for production using the same processes, facilities, and procedures. The Government will consider delays in schedule because of the Contractor's failure to identify the FAT or CFAT components, systems, or sub-systems a Contractor-caused delay.

E.1.12.4 FAT or CFAT Plan. The plan shall describe the methods for testing and inspection required by the TDP. The information contained in the plan shall consist of details as to how the Contractor or Subcontractors shall determine compliance with all dimensions, drawing notes, standards, or specifications listed in the TDP.

The Contractor shall prepare and submit a FAT or CFAT plan for each component, system, or sub-system subjected to FAT or CFAT. Submission of the plans shall be within 30 calendar days after contract award and 30 calendar days before the kitting process begins.

E.1.12.5 FAT or CFAT Report. (NOTE: The Contractor shall submit FAT or CFAT reports in the section of the Level three (3) PPAP, item number 17 called Records of Compliance with Customer Specific Requirements.) The Contractor shall submit a FAT or CFAT Report in accordance with MIL-HDBK-831, Handbook - Preparation of Test Reports, for each component, system, and sub-system tested within 30 calendar days of FAT or CFAT completion. Submission shall be made in Windchill under FAT or CFAT Test Report (CDRL E004, FAT or CFAT Plans and Report including the TDP (Drawing) number title of the test component, system, or sub-system, represented by the plan so the submission can be identified by the Government). The Government will have the right to monitor all FAT or CFATs. The Contractor shall provide a list and time schedule of FAT or CFATs as part of the plan, including anticipated completion dates.

E.1.12.6 Components Pending FAT or CFAT Completion. The Government may allow the Contractor to use components, systems, or sub-systems pending FAT or CFAT approval in the manufacture of FMTV Protection Kits. The following conditions shall apply:

a. The Contractor agrees to comply with all FAT or CFAT testing requirements.
b. The Contractor shall remedy all non-conformities, deficiencies, or discrepancies in each component, system, or sub-system discovered during the FAT or CFAT.
c. If a pending FAT or CFAT of a component, system, or sub-system results in a failure, the Government reserves the right to:
   1. Cease acceptance of kits with components, systems, or sub-systems that have failed FAT or CFAT.
   2. Require the Contractor to repeat a portion or all of the FAT or CFAT testing at the Contractors expense.
   3. Deficiencies found during, or because of, FAT or CFAT shall be prima-facie evidence that all components, systems, or sub-systems already produced prior to completion of FAT or CFAT are similarly deficient. The Contractor at no additional cost to the Government shall correct such deficiencies on all components, systems, or sub-systems.

E.1.12.7 Disapproval. If the Government disapproves the FAT or CFAT, the Contractor shall repeat the FAT or CFAT tests in whole or in part to address Government concerns. After such a request for additional tests, the Contractor shall make changes, modifications, or shall rework the test components, system, or sub-system. If the situation warrants, the Contractor shall conduct a repeat FAT or CFAT. All costs related to these tests shall be borne by the Contractor. The Contractor shall then conduct the repeat FAT(s) or CFAT(s) and deliver the revised report in accordance with CDRL E004, FAT or CFAT Plans and Report. The Government reserves the right to request consideration for a delivery schedule extension resulting from a need to retest.

E.1.12.8 Changes. If the Government or the Contractor makes changes to the technical data, production processes, facilities, or type of material (substitution), a subsequent FAT or CFAT may be required. The Contractor shall submit results of the FAT or CFAT in accordance with CDRL E004, FAT or CFAT Plans and Report. Costs of FATs or CFATs resulting from Contractor proposed changes shall be borne by the Contractor.

E.1.12.9 Manufacture. The Contractor shall produce the FAT or CFAT component, system, or sub-system offered for test at the same place
of manufacture using the same production process to be used for production. The Contractor shall certify the place of manufacture. The Contractor shall include this certification in the (CDRL E004, FAT or CFAT Plans and Report) submission.

E.1.12.9.1 The Government will select components, system, or sub-system test specimens for FAT or CFAT from the first ten units produced under this contract. In the event that the first ten units of a lot are unavailable, the Government reserves the right to select the FAT or CFAT quantity from a selected lot.

E.1.12.10 FAT or CFAT Conditions. The Government may consider the FAT or CFAT requirement met if the Contractor certifies to the Government that:

a) The supplier has FAT or CFAT approval on an identical component, system, or sub-system delivered for use in a previous Government tactical wheeled vehicle production contract.

b) The Contractor or Subcontractor have been in continuous production (defined as one which has not had a break in production in excess of six months, and the design, manufacturing, assembly process, or place of manufacture have not been changed).

The Government may consider the FAT or CFAT requirement not met and another FAT or CFAT shall be required if one or both of the conditions listed below exist:

a) Military or federal specifications applicable to the component, system, or sub-system have changed and may affect form, fit, function, or performance.

b) PQDRs are received or corrective actions have been written showing that the component, system, or sub-system have failed in the field or at the Contractor or Subcontractor.

E.1.13 B-Kit Armor Production Control Tests

Transparent Armor Control Tests: Ballistic production control test coupons shall be submitted at the rate of two coupons for every 200 pieces of armor produced or two pieces per every autoclave cycle, whichever is larger, IAW paragraph 4.5, ATPD 2352 Table IV and shall be delivered to the address listed in paragraph 4.7 of ATPD 2352 Revision T (Attachment 0012). Coupons shall be 400 mm x 400 mm of the production recipe, in accordance with paragraph 4.5.a of ATPD 2352 (Attachment 0012). The Contractor shall mark all coupons with the contract number.

E.1.13.1 Opaque Armor Production Control Tests

Ballistic production control testing for steel (opaque) armor panels:

The Contractor shall submit one (1) ballistic test control coupon in accordance with MIL-DTL-12560, paragraphs 4.5 and 4.6.2, to the address listed in paragraph 4.2.1 and one (1) ballistic test control coupon in accordance with MIL-DTL-46100, paragraphs 4.5 and 4.6.2, to the address listed in paragraph 4.2.1 for each full or partial heat lot used.

Ballistic production control testing for aluminum (opaque) armor panels: The Contractor shall submit one (1) ballistic test control coupon in accordance with MIL-DTL-32262, paragraphs 4.4 and 4.5.2, to the address listed in 4.7.3.1, or for material IAW MIL-DTL-46027, paragraphs 4.4 and 4.5.2, to the address listed in 4.7.3.1 for each full or partial heat lot used.

E.1.13.2 Armor Production Control Test Failure.

For each unsuccessful Production Control Test Result, the contractor shall identify the cause of the deficiency and provide corrective and preventive actions acceptable to the Government. The contractor shall submit new coupons at the Contractors expense to verify compliance. The contractor will replace all components represented by the failed control lot sample. The contractor is responsible for all costs and time delays associated with repeating a Production Control Test, which was unsuccessful. The Government reserves the right to require an equitable adjustment of the contract price for all extensions of the delivery schedule or for all additional costs to the Government.

E.1.13.3 Armor Traceability.

The Contractor shall maintain traceability for all armor materials delivered under this contract. The Contractor shall record foundry and the mill information including the names of the Subcontractors providing the armor. The information from the Subcontractors shall be recorded and retrievable at the Contractors facility for the life of the contract. The information recorded shall include melt date, dates and heat numbers, heat treat dates, and mechanical, chemical, and ballistic testing results for all armor material. The
Continuation Sheet

Name of Offeror or Contractor:

Contractor shall maintain traceability of the information and shall record the identifying numbers for all unfinished armor material to the finished parts, weldments, and assemblies. Application of serial numbers shall be permanent on the lowest non-separable level of each part, assembly, and weldment. The Contractor and Subcontractors shall record all the armor heat lots of each individual piece used to create complex weldment or assemblies.

E.1.14 Production Part Approval Process for Pre-Production Kits (PPK PPAP). The Contractor shall conduct a PPK PPAP on the pre-production kits to ensure meeting the requirements of the Technical Data Packages (TDP). The PPK PPAP shall consist of:

1. Each ISO Container (P/N 57K6420-001) containing 4 each MTV 58-Gallon B-Kits (P/N 57K6013)
2. Each ISO Container (P/N 57K6420-002) containing 4 each MTV 78-Gallon B-Kits (P/N 57K6414)
3. Each ISO Container (P/N 57K6420-001) containing 4 each Underbody Armor Kits (P/N 57K6427)
4. Each Tricon II Container (P/N 57K6435) containing 4 each Counterweight Kits (P/N 57K6428) (for M1078 with underbody armor kit)

The Government will use the submission of the PPK for the PPK PPAP IAW the schedule set forth in Section E.1.9 of this Contract. The PPK PPAP entails two (2) separate efforts. First effort involves inspection of packaging activity at the Contractor's facility, to include verification of proper blocking and bracing of the armor Kits and FTFS Kit crates within each ISO container. The Contractor shall support the second effort PPAP effort, IAW E.1.14.2.

E.1.14.1 PPK PPAP of kitting activity at the Contractor's facility. The Contractor shall submit a plan detailing the method it intends to use to support the PPK PPAP with personnel, facilities, with overhead lift capabilities. The Contractor shall employ personnel who have the ability to keep records of the tests and document any discrepancies and defects found. The Contractor shall submit the plan in Contractor format 30 working days before the packaging activity at the Contractor begins. The Contractors plan shall detail the proposed number and type of personnel, facilities, plans for achieving quality, and a process flow diagram of the two parts of the PPK PPAP at the Contractors facility and the PPK installation at APG. The Contractors plan shall be IAW CDRL E005, Kit PPAP Plan for Inspection at Contractors Facility. The Contractor shall notify the Government no less than 14 calendar days prior to performing the PPK PPAP effort.

E.1.14.2 PPK Installation at APG. A Government team will start the PPK installation within 15 days of PPK submittal. The Government will perform installation of the PPK onto the vehicles for test. The Contractor shall support the installation effort at APG with personnel some of whom shall have the ability to record results of the installation. The Contractor shall submit a plan to the Government 30 days prior to the PPK installation at APG. The Contractors plan shall show the proposed number and job titles of personnel, facilities and tools required, plans for achieving quality, and a process flow diagram of the activity to take place. The Contractors plan shall be submitted IAW CDRL E005, Kit PPAP Plan for Inspection at Contractors Facility and Fit-Up Plan at APG. The PPK installation shall verify kit packaging, completeness, condition and fit on two (2) MTV vehicles. Once installation is complete, the Government will repackage the kits and ship them back to the Contractor's facility. Shipping to and from APG, of the kits selected for PPK Installation will be at the Contractors expense. Upon receipt of the kits from APG, the Contractor, along with a local DCMA Quality Assurance Representative (QAR), shall remove and thoroughly inspect all kit components. In the event that damaged components are discovered and do not comply with the drawings and specifications, the Contractor shall repair or replace all damaged components. The Contractor shall then repack the kits IAW Special Packaging Instructions (Attachment 0009). Upon completion of the repackaging effort, the Contractor shall submit a request for an equitable adjustment to the contract for the cost of replacement components, repair effort, and labor to repack the kits. Installation will be conducted IAW paragraph E.2.1, Production Verification Testing.

E.1.15 Software. All software provided to the Government by the Contractor and Subcontractor(s) shall be in compliance with AS 9115 (revision A), Quality Management Systems Requirements for Aviation, Space, and Defense Organizations Deliverable Software. The requirements shall apply to all software developed or modified, and all affected subsystems and subcomponents. The requirement for compliance to the standards (above) shall apply to software:

- Used to develop kit manuals
- Required to operate, troubleshoot, or maintain equipment for kits
- Required to operate all Computer Numerically Controlled (CNC) machinery, all Coordinate Measuring Machines (CMMs) portable and stationary, and all other manufacturing and inspection equipment operated using software.

This requirement shall apply to equipment owned, leased, or rented by the Contractor and Subcontractors.

E.1.16 Metrics. A system for the use of statistical methods and tools shall be developed, maintained, considered, and assigned at the product planning stage in accordance with APQP manual published by the AIAG. The outputs of the planning and identification of the statistical tools shall be included in the control plans and in the quality planning process. These statistical methods shall be evidenced at all critical phases of the product realization process consisting of product development, purchasing, manufacturing, field analysis of returns, continual improvement, measurement systems analysis, safety, and cost of quality. The Contractor shall use statistical data analysis using process behavior charts for the production process as the basis of continual improvement. Process behavior charts (previously known as SPC charts) are a tool for characterizing the voice of the process. These charts separate...
variation into two components: common (process has not changed) and special (a signal the process has changed). The Contractor shall plot the data in a time series. A central line (or average) indicates a visual reference for detecting shifts or trends. Upper and lower control limits (natural process limits) are computed from the data and placed symmetrically on either side of the central line. Therefore, the Contractor shall demonstrate that methods of data organization, data gathering, data analysis, and the conclusions drawn from these data are done in accordance with the accepted and agreed to methods outlined in the, Statistical Process Control Manual published by AIAG. The Government will review this process on a discretionary basis. The voice of each process is the combination of the average, upper control limit, and lower control limit. These parameters shall drive the selection of targets or goals. The Contractor shall dictate targets or goals by the process potential as defined by the process behavior charts.

E.1.16.1 The Contractor shall define critical manufacturing processes, explain each element in the list in a narrative form, and submit both to the Government for review in accordance with CDRL E006, List of Critical Manufacturing Processes and Modifications. The List of Critical Manufacturing Processes shall be the origin of process behavior charts. The Contractor shall treat copies of all data, and completed process behavior charts as controlled documents and retained for the life of the contract. The Contractor shall allow the Government to review all process behavior charts.

E.1.17 Error-Proofing.

The Contractor shall be responsible for developing and implementing error proofing to ensure part presence and orientation of all assembled or kitted parts. Each assembly requires in-process checks and error-proofing tools be used so that assembled or kitted parts are conforming to the Technical Data and SPIs prior to release of product for shipment to the customer. When the Contractor cannot achieve error proofing through design, process error-proofing measures shall begin with prevention and then employ detection techniques. Error proofing is the requisite method for kit acceptance. The Contractor shall limit the use of inspection methods for product conformance.

The Government and the Contractor shall review error-proofing approaches used to improve the production process during the APQP, FMEA, and control plan meetings.

The Contractor shall plan and execute its error proofing process in accordance with the following requirements:

a) The Contractor shall develop an error-proofing plan. It shall describe how the Contractor and Subcontractors shall address error proofing from the organizational level.

b) Part of this plan shall be the development, labeling, handling, and contingencies for boundary samples. Boundary samples may consist of go-no go samples, master samples, and red rabbits.

c) The plan shall require risk mitigation for all RPNs in the DFMEA and PFMEAs that are seven or higher in severity, and if the occurrence number is greater than one. In such instances, the Contractor shall employ error proofing in assembly or kitting processes. The severity and occurrence limits assume the Contractor and Subcontractors use a one (1) through 10 scale.

d) Error proofing is required for all special processes and key, special or critical product characteristics.

e) The Contractor and Subcontractor(s) shall compile a list of all the error-proofing techniques used and included as part of a control plan. The Contractor shall add error-proofing verification to written preventive maintenance plans.

f) All assembly or packaging process equipment shall leave physically identifiable marks or using software, such as a barcode, on the parts that are indicative of a successful operation.

g) The Contractor shall evaluate dimensional features affecting form, fit, or function, which may not be capable or consistent, in the error-proofing process.

h) When the Contractor cannot designate positive alignment features into the product then the Contractor shall add process features to error proof the assembly or kitting processes. Equipment examples consist of:

a. Laser lights
b. Fixtures
c. Equipment modifications
d. Dead man outlines
e. Templates (for type, size, or number of parts).

  i) Assembly or kitting processes involving mirror image parts (right and left hand parts) shall have error-proofing techniques employed by the Contractor and Subcontractors to prevent assembly and packing errors.

j) To ensure the correct parts are picked for assembly or kitting, one or more of the following methods shall be used:

a. Barcodes
b. Pick lights
c. Templates
d. Light curtains
e. Color coding
f. Kan Ban

k) The Contractor and their Subcontractors shall select an audit form from the Automotive Industry Action Group (AIAG), Error-Proofing Manual, CQI 18 (2011) based on organizational requirements and the type of effort. The audit requirements shall apply to the Contractor and Subcontractors who manufacture, assemble or kit parts. The Contractor and Subcontractors shall complete the audit form prior to start of kit production and in accordance with CDRL E007, Error-Proofing Audit Results and Corrective Actions. If the audit score is less than 75%, the Contractor shall write an audit plan to crosswalk the audit deficiencies with associated corrective actions. The Contractor shall write a corrective action report to demonstrate how to raise the score above 75% and submit it in accordance with CDRL E007, Error-Proofing Audit Results and Corrective Actions.

E.1.18 Cost of Quality

A Contractor shall implement and maintain a Cost of Quality System. It shall encompass all the recognized sources of quality cost. These consist of costs in the standard categories of Prevention, Appraisal, and Internal and External Failure costs. The Contractor shall present the trend in the progress toward lowering the overall cost of poor quality and the status of prevention and appraisal to the Government as a percentage of FMTV Protection Kit monthly sales in dollars. The Contractor shall present the trends, consisting of a process behavior chart, to the Government during each MMR in Microsoft PowerPoint, a tool under MS Office, consisting of one process behavior chart for each of the four (4) categories of quality cost. The Contractors presentation shall exclude bar charts, stacked bar charts, pie charts, and run charts. The Contractor shall not set arbitrary goals, as these charts do not fulfill the requirements of a trend analysis. The tracking and elimination of failure costs shall be part of the Contractors continual improvement processes; the Contractor shall report this information at the MMR. (As submitted under CDRL A001, Agenda, Read Ahead, and Minutes). The Contractor shall submit the cost of quality charts in accordance with CDRL E008, Cost of Quality Process Behavior Charts.

E.1.19 Customer Satisfaction Measurement and Reporting

The Contractor shall measure and report the results of customer satisfaction surveys and the results of performance indicators from the finished product and service fulfillment processes. The Contractor shall base all of these measurements and results on objective data. The objective metrics shall consist of:

a) De-processing defects
b) Final kit defect measurements
c) Performance to the delivery schedule
d) Number of customer requested corrective actions including PQDRs.
e) Time to close customer requested corrective actions
f) Cost of Quality data
g) Customer Satisfaction Surveys

The Contractor shall present the positive or negative trends observed from these metrics as well as corrective actions associated with the negative trends to Government regularly at the MMRs. The Contractors management team shall provide the resources required to collect, analyze, and present the customer satisfaction data. The Contractor shall compare the trends in customer satisfaction metrics to business plans with incorporated quality plan objectives. The Contractor shall take corrective action in response to negative trends and alter long-term plans. The Contractor shall present trends in areas of mutual concern using graph or chart formats approved jointly by the Contractor and the Government. (As submitted under CDRL A001, Agenda, Read Ahead, and Minutes).

E.1.20 Infrastructure Requirements.
The Contractor shall determine, provide, and maintain the infrastructure needed to achieve conformity to product requirements.

Infrastructure includes:

a. Buildings, workspace, and associated utilities

b. Process equipment (both hardware and software)

c. Supporting services

The Contractor shall develop a plan for facilities and equipment. Plant layouts shall optimize material travel, handling, and value-added use of floor space and shall facilitate synchronous material flow. Methods shall be developed and implemented to evaluate and monitor the effectiveness of existing operations.

E.1.21 Contingency Plans.

The Contractor shall prepare contingency plans to ensure on-time delivery and quality product in the event of an emergency such as acts of nature, utility interruptions, labor shortages or strikes, part shortages, key equipment failures, or field returns. Contingency Plan requirements shall be flowed down to all Subcontractors and the Contractor shall retain the Subcontractors contingency plans.

E.1.22 Continual Improvement by Corrective and Preventive Action

The Contractor shall develop and maintain a system for continual improvement of the QMS. The Government reserves the right to review records and results of the Contractors system that demonstrate the progress made in continual improvement projects. Continual improvement shall be measured using process behavior charts or statistical process control tools recognized in the Statistical Process Control Reference Manual from AIAG. The Contractor shall retain copies of all completed actions and associated documents as controlled documents and retain the documents for the life of the contract. The Government reserves the right to request a presentation supporting the progress or conclusions of selected actions during MMRs.

E.1.23 Systemic, Critical, and Major Defects, Deficiencies, or Failures

The Government defines a failure, defect, or deficiency as the condition of not achieving the requirements in the Technical Data. The Government defines a systemic defect as the classification of failures that occurs or may occur with a frequency, pattern, or sameness to indicate a regularity of occurrence which exceeds the expected failure rate by 100% as set forth in the Provisioning Master Record, which would justify multiple end items corrective action. A critical defect results in hazardous or unsafe conditions for users or maintainers. A major defect results in a failure to be able to use the part or kit for its intended purpose. The Government reserves the right to perform inspections and to test any components used in the kits. If the Government finds systemic, critical, or major defects, deficiencies, or failures, the Contractor shall correct the defects, deficiencies, or failures at no additional cost to the Government. The Contractor shall recall and fix (retrofit) all kits built or tested since the last successful component or system test.

The Government shall be notified within 24 hours if the Contractor or a Subcontractor finds, is notified, or identifies a systemic, critical, or major defect, deficiency, or failure. Notification shall include:

a) Date of occurrence
b) Nature of occurrence
c) Effective range (by serial number, lot number, or population)
d) Safety impacts
e) Preliminary or suggested correction

Corrective actions - see paragraph E.1.24.1, Corrective Action Submissions and Re-Submissions are required for all of the defects defined in this section.

Prior to Government acceptance, all costs associated with the recall, re-work, re-inspection, validation testing, and investigation and validation of root causes, and implementation of permanent corrective actions shall be borne by the Contractor.

E.1.24 Corrective Action, Problem Solving, and Preventive Action

The Contractor and Subcontractors shall design, implement, and maintain a corrective action, problem solving, and preventive action system and processes.

E.1.24.1 Corrective Action Submissions and Re-Submissions

The Government requires containment and a preliminary root cause analysis within 30 days of the discovery or report of the problem. If
the Government rejects the corrective action report in the 8D format, the Contractor shall resubmit with updates. The Contractor shall make corrections within seven days of the Government's disapproval. If the cycle of re-submissions continues for more than 90 days, the Government may stop FMTV Protection Kit acceptance until the Contractor provides an acceptable root cause analysis. The Contractor shall be responsible for all costs associated with re-inspection and associated testing to validate the planned corrective action submissions and re-submissions. When directed by the PCO, the Contractor shall be required to retrofit all kits covered under this contract.

E.1.25 Product Quality Deficiency Reports (PQDR)

In accordance with AR 702-7 (25 April 2005), Product Quality Deficiency Report Program and Army Regulation AR 702-7-1, Reporting of Product Quality Deficiencies within the U.S. Army, the Contractor shall investigate and provide failure analysis and corrective action to all PQDRs (Standard Form 368) generated against supplies produced under this contract.

E.1.25.1 PQDR Exhibits

Within the context of the PQDR process, an exhibit is a deficient item, or a sample item that represents the deficient condition, that the Contractor or Subcontractor(s) can analyze to determine the cause of the defect. (Ref. AR 702-7-1, Reporting of Product Quality Deficiencies within the U.S. Army) The Contractor shall evaluate each PQDR issued to them. If the Contractor requires the PQDR originator to provide an exhibit, the Contractor shall submit an exhibit request to the Government within three (3) business days of receipt of an investigative request (Notice of Defect (NOD)) from DCMA for a Category I PQDR. For a Category II PQDR, the Contractor shall submit the request for exhibit within five (5) business days of receipt of the investigative request. The Government will request the exhibit from the originator and arrange for delivery to the local DCMA. Once the exhibit has arrived, representatives from DCMA and the Contractor shall be present for the opening of the package. Cost of exhibit transportation shall be the responsibility of the Contractor.

E.1.25.2 PQDR Reporting

In response to the issuance of a PQDR to the Contractor, the Contractor shall provide a report of the investigation (within the Product Data Reporting and Evaluation Program [PDREP] system) which consists of the following sequence of items:

a. Team identification
b. Problem definition
c. Containment and short-term actions
d. Root cause analysis
e. Identification of permanent corrective actions
f. Implementation and verification of permanent corrective actions
g. Preventive actions

The Contractor and Subcontractors shall incorporate the aforementioned information into their own 8-Disciplines format (generically known as a CAR, or 8D report) and upload these attachments to the PQDR within the PDREP System. For a Category I PQDR in cases where no exhibit is required, the Contractor shall submit their final reply (specifically containing a completed 8D and all supporting documentation) to the PDREP system within 20 calendar days of receipt of the investigative request. For a Category II PQDR in cases where no exhibit is required, the Contractor shall submit their final reply (with completed 8D and supporting documentation) within 30 calendar days of receipt of the investigative request. In cases where an exhibit is required, the 20- and 30-day clock starts upon exhibit arrival as defined by the shipping company's tracking system. The Contractor shall notify the PD MTV Action Point of the exhibit delivery status every five (5)-business days from the date of exhibit request submission. The Contractor shall commence with investigation, regardless of arrival of the exhibit.

E.1.25.3 PQDR Supporting Documentation

The Contractor shall provide the following documentation in substantiation of a Contractor or Subcontractor PQDR investigation:

a. Internal assessments
b. Test data
c. Certifications
d. Drawings
e. Digital photographs or videos

f. Production records

g. Traceability data

h. Suspect population definition

In cases where one or more of these data elements are not relevant to a particular PQDR, the Contractor shall request concurrence from the Government PQDR action point.

E.1.25.4 PQDR Corrective Actions and Closure.

All corrective actions taken by the Contractor in response to a PQDR shall be at no additional cost to the Government. The Contractor shall not incorporate a configuration change resultant from a PQDR corrective action until the Government approves an ECP and the PCO issues a formal contract modification to incorporate the change. All PQDR investigation reports, 8-Ds and associated corrective actions shall require approval by Government Quality Assurance before the Government concurs to PQDR closure. The Government formally closes a PQDR when the PDREP system shows a value of G within the Location of PQDR Code field. PQDR final replies submitted by the Contractor, but rejected by Government Quality Assurance, do not stop the 20- and 30-day submission suspense clock. In such cases, the Contractor shall continue to pursue PQDR resolution until the Government concurs with PQDR closure. The Contractor and Subcontractors shall document all PQDRs as a customer complaint against their QMS.

E.1.25.5 PQDRs for GFE or Government Furnished Material (GFM).

The Contractor shall write PQDRs on GFE or GFM within 30 calendar days of receipt if non-conformances, defects, or deficiencies exist. The Contractor shall submit Standard Form 368, Product Quality Deficiency Report, to the PCO to report these GFE or GFM issues. The Contractor shall provide supporting documentation with the submission consisting of photographs, shipping documents, inspection reports, and other information pertinent to the findings.

E.1.26 Counterfeit Parts.

The DoD Instruction 4140.01, DoD Supply Chain Management Policy, defines counterfeit as material whose identity or characteristics deliberately misrepresented, falsified, or altered without the legal right to do so. Part traceability consists of the names and locations of every company within the supply chain that had contact with the part. This can include the manufacturer, supplier, or distributor. The Contractor shall verify the supply chain all the way to the end user to exclude counterfeit parts. The Contractor shall establish, implement, and maintain documented procedures to identify part origin and traceability to preclude the use of counterfeit parts in production and shall impose the same requirements on Subcontractors.

E.1.27 Production Parts from Outside the US.

The Contractor and Subcontractor(s) shall annotate, as part of the PPAP Part Submission Warrant (PSW) documentation, if the Contractor or Subcontractor(s) procure parts or assemblies outside the United States of America (see E.2.9 PPAP).

E.1.28 Critical Safety Item (CSI)
The Government defines CSIs as a part, assembly, or support equipment with one or more characteristics whose failure could cause loss of life, permanent disability, or major injury, loss of a system, or significant equipment damage. The Contractor shall identify CSIs within the Technical Data for all current designs, new designs, or design changes. The Contractor shall submit a list to the Government in accordance with CDRL E010, List of CSIs. This CDRL shall be a master list of CSIs and their critical characteristics, including nomenclature and part number. The Contractor shall maintain it. This list shall be dynamic with changes taking place as the Contractor obtains experience and knowledge and the incorporation of design changes through ECPs, deviations, and waivers.

The Contractor shall evaluate the criticality of CSIs in accordance with paragraph 4.3.18.6, of the Defense Acquisition Guidebook, Critical Safety Items. The Contractor shall validate requirements pertaining to CSIs to ensure all critical safety aspects of the design are considered during manufacturing or assembly. The Contractor shall rate CSI requirements on a scale of 1 to 10 in the preparation of DFMEAs and PFMEAs using the instructions in the AIAG FMEA Manual. The rating of severity shall be no lower than nine (9), the rating of detection shall be no lower than eight (8), and the rating of occurrence shall be no lower than seven (7) on the ten (10) point scale defined in the FMEA Manual.

The Contractor shall base validation of designs including CSIs on engineering analysis of the CSIs characteristics. The validation shall consider changes or deterioration through time, use, fatigue life, or operating conditions.

The Contractor shall add all CSIs discovered during the execution of this contract to the Technical Data via the ECP process. The Contractor shall clearly identify each CSI in the Technical Data Quality Assurance Requirements or QAPs. Critical Safety characteristics shall require 100% inspection unless the Contractor or Subcontractors can demonstrate 100% verification employing an
error-proofed process to the Product Assurance Office of PD MTV.

Major Characteristic - A characteristic in which a defect could cause a complete physical or functional failure. The following list consists of evaluation criteria for the determination of a major characteristic:

a) Identification of a major characteristic in a DFMEA per the AIAG FMEA Manual requires a severity rating of 7 to 10.

b) A lack of interchangeability, reliability, or maintainability of the items. Major characteristics adversely affect the operational readiness of the vehicle onto which the kit is applied. The Defense Acquisition Guidebook (2017) Section 4.3 defines Operational Readiness as, the capability of a unit/formation, ship, weapon system, or equipment to perform the missions or functions for which it is organized or designed.

c) Performance requirements specified in the Technical Data.

d) Electrical and electronic characteristics consisting of inductance, circuitry, voltage, amperage, resistance, crimping, soldering, continuity, and functional dimensions.

e) Major components that require interface for functionality.

f) Material specifications consisting of chemical composition, hardness, surface hardness depth, location of surface hardness, surface finish, microstructure, grain size, grain flow, grain type, tensile strength, yield strength, chemical composition, impact strength, compression, ozone resistance, and fluid and heat aging resistance.

g) Thread characteristics consisting of pitch, angle, depth, handedness, type, coarse versus fine, or torque requirements.

h) Fastening or fabricating requirements consisting of welding, brazing, soldering, staking, or bonding affecting reliability, interchangeability, or function.

E.1.29 Final Inspection Record (FIR).

E.1.29.1 The Contractor shall submit a Final Inspection Record (FIR) for Government approval in accordance with CDRL E011, FIR and Modifications. One hundred percent of the Final Inspection of the end item shall be compliant with the requirements in the Technical Data and the Government approved FIR. The Contractor or the Government shall describe deficiencies disclosed during inspection in writing on the Deficiency Sheet attached to the FIR. If the Contractor or the Government determine that the FIR is not complete or sufficient for final inspection of the end item, the Contractor shall coordinate with PD MTV Quality to update the FIR. The Contractor shall submit the updated FIR to the Government for a disposition under CDRL E011, FIR and Modifications. Deficiencies discovered by the Government or Contractor shall be returned to production or design for corrective action.

E.1.29.2 FIR Composition. The FIR shall be prepared in Contractor format using Microsoft Excel and shall contain all examinations and tests performed by the Contractor on each kit during their manufacture, assembly, and final inspection. The FIR shall list each kit characteristic and function for inspection in accordance with the Technical Data. The Contractor shall ensure that all components belonging to the kits have IUID tags per the marking of tangible items or assets mandated in the DFARS clause 252.211-7003. The Contractor shall utilize an IUID scanner to verify the correct tag is on the scanned part and kit and shall correct all errors that result during scanning of the tags. The Contractor shall document the results of the IUID tag scans on the FIR and verified by the Government.

E.1.29.3 FIR Organization. The Contractor shall organize the FIR so it is compatible with assembly and kitting. The FIR shall contain a revision letter, date, and a change log every time the Contractor modifies the FIR. The FIR shall have blocks for the initials or stamp of the Contractor inspector. This indicates that each characteristic and function was inspected and either accepted or rejected. The Contractor shall add another block for re-inspection and acceptance of a rejected characteristic or function. There shall be corresponding blocks for Government acceptance by initials or stamp. The Government may elect to witness and participate in the Contractors final inspection. The Contractor shall indicate final review and acceptability by a signature block containing the full name and title of the responsible company official. The Contractor shall modify the FIR to reflect all engineering and manufacturing changes that impact kits. The Contractor shall submit the completed and certified copy of the FIR to the Government Inspector with each item inspected and offered for acceptance.
E.1.29.4 FIRs for Kits. The Contractor shall conduct conformance inspection for FMTV Protection Kits as follows:

- a. Audit of kitting process to ensure completeness to the TDP
- b. Verification of kits to drawing requirements
- c. Verification of kit marking
- d. Documentation of kit using a FIR

E.1.30 Kit Inspection Standards. The Contractor shall develop standards to identify attribute type characteristics and shall define the associated accept or reject criteria. These shall consist of cosmetic and workmanship standards with photographs. The Contractor shall maintain and update inspection standards to include all new defects. To supplement inspections, the Contractor and Subcontractors shall also develop visual aids consisting of photos, drawings, diagrams, or hardware displays depicting acceptable and unacceptable conditions. These visual standards and aids shall be available as acceptance criteria for workers, inspectors, and the Government. The Contractor shall make all visual inspection standards available for Government review on request.

E.1.31 Care, Storage, and Maintenance (CSM) of Kits

E.1.31.1 To ensure that kits and kits in ISO containers remain in an acceptable condition, the Contractor shall develop a CSM plan in Contractor format, and submit it to the Government for approval in accordance with (CDRL E012, Care, Storage, and Maintenance Plan and Modifications). The CSM plan shall consist of:

- a) A layout of the storage area(s) defining security measures to prevent theft and vandalism
- b) Documented work instructions
- c) A flowchart of the process
- d) An inspection schedule
- e) A description of inspections with signature block per inspection for all kits and ISO containers in the care of the Contractor

E.1.31.2 Upon every inspection, the Contractor shall document:

- a) What was checked
- b) How the checks were accomplished
- c) The results of the visual examination
- d) All problems discovered during the inspections, parts replaced, and repairs made

E.1.31.3 The Contractor shall provide a DCMA representative access to audit this process to ensure compliance. The Contractor shall save completed check-sheets in an electronic format and treat them as controlled records. The Contractor shall sort and make the records retrievable by:

- a) Date of inspections
- b) Kit and/or ISO container serial number

The Contractor shall make the completed check-sheets available to the Government on request and be held a minimum of one year after production of the last kit produced under this contract.

E.1.31.4 CSM of Conditionally Accepted Kits Prior to Shipment. The CSM for conditionally accepted kits and ISO containers starts 30 calendar days after conditional acceptance. In the event the Government does not elect to ship conditionally accepted kits, the Contractor shall, at no cost, care for and store all kits and ISO containers in this category. Once the Government lifts conditional acceptance, the Contractor shall continue to care, store, and maintain kits and ISO containers until shipped.

E.1.32 Welding Requirements.

E.1.32.1 Welding Design. The Contractor and the Subcontractors shall ensure that all steel and aluminum weldments meet the design and fabrication requirements in American Welding Society (AWS) D 1.1 (23rd Edition) and (AWS) D 1.2 (6th Edition). The AWS Codes specification shall be the basis for all weld reviews.

E.1.32.2 Welding Procedures. Prior to production or repair welding operation, the Contractor and Subcontractors are responsible for
developing and preparing fusion and resistance welding procedures in accordance with AWS weld code requirements and submit in accordance with CDRL E013, Welding Procedures and Modifications. Resistance welding procedures shall be prepared and validated as recommended by ANSI/AWS D8.7 and AWS C.1.3. Fusion welding procedures shall allow a uniform format that complies with AWS D1.1. 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. The Contractor and Subcontractors shall consult Attachment 0021, MIL-STD-3040, Arc Welding of Armor Grade Steel for qualifying and repair of non-ballistic or ballistic welding processes.

Attachment 0021, MIL-STD-3040 Arc Welding of Armor Grade Steel (initial release 2016) is a distribution C document, making it available only to Government agencies and their Contractors. In order for a Contractor or Subcontractor to obtain this document, they must obtain a copy through their Contracting Officer or Contracting Officers Representative (COR). The PCO or COR will confirm that the Contractor is working for the Government.

E.1.32.3 Revised Welding Procedures. If the Contractor or Subcontractors find it necessary to deviate from Government approved welding procedures, they shall submit revised welding procedures to the Government for approval in accordance with CDRL E013, Welding Procedures and Modifications. The Government reserves the right to apply a disposition to all revised welding procedures. The Contractor shall obtain Government approval of all revised procedures prior to their use to fabricate production weldments. If a Subcontractor will not release proprietary information, the Government reserves the right to conduct an on-site review of the Subcontractors quality system and weld processes to verify capability to produce acceptable welds (see paragraph E.1.2.4, Contract Flow Down).

E.1.32.4 Previously Qualified Welding Procedures. If the Contractor or Subcontractors have previously qualified welding procedures under another DOD contract, the PCO may waive the requirements of this clause. The Contractor and Subcontractors shall submit such a request to the PCO in writing, identifying the previous contract(s) under which the Contractor and Subcontractors submitted qualified procedures that produced acceptable workmanship specimens. The Government may grant a waiver to the Contractor and Subcontractors if they meet all of the following requirements:

a. The welding procedure was qualified and approved on a previous DOD contract
b. The Contractor and Subcontractors have certified welders and equipment
c. There was no break in production for more than three months
d. A favorable quality history

E.1.32.5 Welder Qualification. The Contractor and Subcontractors shall ensure the welders or welding operators are qualified before assignment to perform manual, semi-automatic, or automatic welding work, or use automatic welding equipment for work performed on FMTV Protection Kits. The Contractor shall ensure the use of certified welding equipment in the performance of the contract. The Contractors or Subcontractor(s) welders or welding operators shall have passed qualification testing, as prescribed by the applicable AWS.

E.1.32.6 Visual Weld Inspection. The Contractor and Subcontractor(s) shall verify weld quality and workmanship to AWS D1.1. The contractor shall ensure performance of weld inspections using qualified inspectors trained to perform these functions. Acceptable qualification of the Contractor and Subcontractors inspectors may be based on:

a. Current or previous certification as an AWS Certified Welding Inspector; or
b. Current or previous certification by the Canadian Welding Bureau (CWB); or
c. Inspection performed by an engineer or technician based on formal training or experience, or both, in metals fabrication (welding), inspection, and testing.

E.1.32.7 Contractor and Subcontractor Certified Welding Inspector (CWI). The Contractor and Subcontractors that engage in welding shall employ a CWI. The CWI need not be resident, but shall and shall be available to the welding Contractor and Subcontractors when needed to give a disposition to parts destined for MTB kits. The Contractor and Subcontractors shall perform in-process inspections in various areas of the welding process with CWIs in accordance with AWS D1.1 or D1.2. The Contractor shall make the results from the in-process inspections available to the Government on request.

E.1.33 Radiographic Inspection. The Contractor shall accomplish radiographic inspection of production aluminum and steel castings in accordance with the TDP as follows:

a. Operators and radiographic equipment shall be qualified in accordance with NAS 410 (2014), Certification for Non-Destructive Testing Personnel, prior to X-raying production castings.
E.1.35 Armor Cleanliness Requirements. The Contractor shall provide armor to the Government free of organic and inorganic soils or contaminants prior to pre-treatment and after blasting, grinding, or other surface preparations to reduce contamination or control surface profile. See Drawing 12505460D, Treatment and Finish Requirements, LTAS.

E.1.36 Prior to Primer or Paint. The Contractor shall rinse parts and assemblies following all cleaning or pretreatment process to remove residual material remaining from the prior operation in accordance with the chemical suppliers recommendations to prevent interference with subsequent process steps. The Contractor shall ensure rinsing of complex shapes to prevent contamination of all subsequent cleaning or coating process. The Contractor shall monitor reused or recycled rinse water in a cleaning or pretreatment system for contaminants and controlled in accordance with the technical requirements of the chemical supplier. The Contractor shall ensure crevices, seams, pockets, blind holes, and other difficult to dry places prior to painting are completely dry.

E.1.37 End-Item Paint Requirements. The Contractor shall ensure all painting operations and inspections comply with Drawing -12420325H and MIL-DTL-53072E, Chemical Agent Resistant Coating (CARC) System Application Procedures and Quality Control Inspection. In the event of a discrepancy between Drawing 12505460D, Treatment and Finish Requirements, LTAS. and MIL-DTL-53072E, Chemical Agent Resistant Coating (CARC) System Application Procedures and Quality Control Inspection. In the event of a discrepancy between Drawing 12420325, Treatment and Finish Requirements MTV and MIL-DTL-53072 requirements, MIL-DTL-53072 shall take precedence. Additional finish requirements shall be IAW Attachment 0013, Alternate Materials. The Contractor or Subcontractor(s) shall not use CARC paint that is silica based for any kits. All CARC topcoat shall be polymeric flattened.

a) The Contractor shall clean and pre-treat ferrous and galvanized surfaces in accordance with TT-C-490F, Type I, Federal Specification: Chemical Conversion Coatings and Pretreatments for Metallic Substrates (Base and Organic Coatings). Corrosion resistance tests on steel substrates shall be conducted monthly using two test coupons when solvent-borne primers are used. Two test coupons shall be tested bi-monthly when electrophoretic deposition coating (Electro-Coating or E-coat) primers are used. This test frequency shall begin once the process is in statistical control and capable using process behavior charts (Cpk 1.33 or higher).
b) All TT-C-490, Type I zinc phosphate pretreatment systems shall be documented and approved under the PPAP system (see paragraph E.1.9).

c) The Contractor and Subcontractors shall qualify and control the pretreatment systems for galvanized substrates. The contractor and Subcontractors shall test in accordance with the cyclic accelerated corrosion tests defined in GMW14872 (2013), Cyclic Corrosion Laboratory Test, rather than salt spray. This test shall be performed using two test coupons at three-month intervals to ensure that the process remains in statistical control and capable.

d) Aluminum substrates require a chromate conversion coating per MIL-DTL-5541F, Chemical Conversion Coatings on Aluminum and Aluminum Alloys.

e) The Government prohibits the use of TT-C-490 Type III, Vinyl Wash Primer (DOD-P-15328), due to its hexavalent chromium content and high concentration of Volatile Organic Compounds (VOC). The approved environmentally friendly alternative for wash primer is Bonderite 7400. The Contractor and Subcontractors shall document and approve the application and control process under the PPAP system. The Contractor and the Subcontractors shall follow the primer drying time instructions from the primer Subcontractor (MIL-DTL-53072, Detail Specification: Chemical Agent Resistance coating (CARC) System Application Procedures and Quality control Inspection) prior to topcoat (CARC) application. The Contractor and the Subcontractors shall follow data collection, data analysis, and process recommendations from the primer and topcoat providers. The Contractor and Subcontractors shall cure primers, if not force cured by ovens, for 24 hours before topcoat application.

E.1.39 Special Testing Requirements for Chemical Agent Resistant Coatings (CARC) on Metallic Surfaces Application:

The Contractor shall conform to the following standards for testing:

a) MIL-DTL-53039E, Coating, Aliphatic Polyurethane, Single Component, Chemical Agent Resistant


The Contractor shall not use Powder Coat Primers as a substitute for electro-coat primers.

E.1.40 Measurement of Dry Film Thickness (DFT). For substrates other than armor, the Contractor or Subcontractors shall determine the DFT by measuring the combination of the layers of E-coat primer and CARC topcoat after zeroing the thickness gage on top of the zinc phosphate coating.

E.1.41 Acceptance of production painted parts is contingent upon the painted surface (consisting of the zinc phosphate, E-coat primer, and CARC topcoat) meeting the dry film thickness and cross hatch adhesion requirements. The Government prohibits the use of multiple head cutters for acceptance testing if the coating thickness is greater than five mils. The painted surface shall be free of painting or coating workmanship* defects such as:

a) Bisters
b) Pores
c) Coverage voids
d) Fixture, rack, or hook marks
e) Bleed-through
f) Scratches
g) Cracks
h) Runs
i) Sags
j) Drips
k) Orange peel
l) Fish eyes or craters
m) Solvent popping
n) Chipping
o) Blushing
p) Chalking
q) Lifting
r) Peeling
s) Adhesion and cohesion - lack of
Workmanship. The Government defines acceptable painting and coating workmanship as an absence of the defects listed in a-t above.

**E.1.42 Test Methods.**

**Dry Film Thickness.** The Contractor shall verify film thickness with a non-destructive film thickness gage. The gage shall be capable of measuring over steel (including armor) and aluminum. The Contractor shall calibrate the gage to standards traceable to the National Institute of Standards and Technology (NIST).

The Contractor shall test Paint Adhesion in accordance with ASTM D3359 (2017), Standard Test Methods for Measuring Adhesion by Tape Test (Scribe Tape Test).

NOTE: These two tests are not a substitute for corrosion tests such as neutral salt spray or accelerated corrosion tests, which verify coating durability.

**E.1.43 Dry Film Thickness Requirements.** All applicable surfaces shall have complete paint coverage. Complete paint coverage is defined as the sum of the minimum thicknesses for individual elements of the paint finish as specified in the Dry Film Thickness Requirements Table below. Failure of the production or test sample shall result in rejection of the production lot that it represents.

**DRY FILM THICKNESS REQUIREMENTS TABLE**

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
<th>DRY FILM THICKNESS (Mils)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL-PRF-23377K, Epoxy Primers, High Solids Coatings</td>
<td>1.5 1.0 -</td>
</tr>
<tr>
<td>MIL-DTL-53022E, Epoxy Primers Coating, Corrosion Inhibiting Lead and Chromate Free</td>
<td>1.5 1.0 -</td>
</tr>
<tr>
<td>MIL-PRF-22750G, Epoxy Coatings High solids</td>
<td>1.7 1.3 -</td>
</tr>
<tr>
<td>MIL-DTL-53030D, Primer Epoxy Coatings Water Based Lead and Chromate Free</td>
<td>1.0 1.0 -</td>
</tr>
<tr>
<td>MIL-DTL-53039E, Aliphatic Polyurethane Single Component CARC</td>
<td>3.2 1.8 -</td>
</tr>
</tbody>
</table>

**E.1.44 End-Item Paint Inspection.** After the application and curing of the painted surface, the Contractor shall test and inspect two units per lot for the following qualities and their compliance to their associated specifications:

a) Total Paint Thickness

b) Paint Adhesion

**E.1.44.1 The Government defines the complete paint finish is defined as the pre-treatment, primer, and topcoat applied to the substrate. Curing of the complete paint finish is dependent upon temperature, humidity, and paint film thickness. The Government defines curing as a process whereby a liquid coating becomes a hard film. An air cure is one method by which liquid coatings cure to a dry film. The Contractor can also achieve curing by forced air ovens. Each facility shall determine the time necessary to achieve sufficient adhesion to pass the scribe tape test. For purposes of this test, curing between 68-77 degrees Fahrenheit will take 24 hours.

The Contractor and the DCMA QAR shall define a lot as all units submitted to the Government for final acceptance at one time. The Contractor shall not use test panels in lieu of actual production units. At final inspection, the cumulative total paint film thickness of pre-treatment, primer, and topcoat shall conform to the sum of the minimum thicknesses for individual elements of the paint finish as specified in the Dry Film Thickness Requirements Table (above). The QAR will determine the number and type of locations on the components to spot-check, ensuring none of the paint defects listed in paragraph E.1.41 exist prior to this test. In addition, the Government will select two locations on each component in the lot presented to the Government to conduct the scribe tape test.

Possible test locations on the components shall consist of:

a) Directly adjacent to a weld

b) On or directly adjacent to a machine cut or sheared edge.
c) On mechanically formed surfaces when lubricants or drawing compounds were used

d) On paint touch-up areas

The QAR will determine the precise location for each adhesion by scribe tape test. The Government will subject one percent of the quantity of kits procured in a production lot to a scribe tape test. The QAR shall decide if additional testing is necessary. The Contractor and Subcontractors shall, upon completion of the scribe tape test, feather into and touch-up adjacent areas, with the types of pre-treatment primer and topcoat approved for touch-ups on drawing 12420325, Surface Treatment and Finishing Requirements, LTAS. When the touch-up primer and topcoat CARC are dry to the touch, the Contractor and Subcontractors shall ensure the DFT of the tested area falls within the range of the specification listed in the Dry Film Thickness Requirements Table (above).

E.1.45 Paint and Coatings Adhesion and Cohesion Testing. The Contractor and Subcontractors shall make panels for adhesion testing out of the same substrate material as the material used for production parts. The Contractor and Subcontractors shall perform these tests throughout MTV kit production. This test shall be done in accordance with ASTM D4541 (2009) Method B, Standard Test Method for Pull-Off Strength of Coatings Using Portable Adhesion Testers, using Positest testing equipment to ensure adhesion and cohesion.

E.1.46 Additional Paint Requirements - Pre-Production Testing and Approval of Contractors Paint Systems. The Contractor shall have pre-production approval from Armament Research Development and Engineering Center (ARDEC) for their paint systems. The Contractor shall submit test panels for pre-production testing and approval of the processes of pre-treatment, priming, and painting. The Contractor and Subcontractors shall ensure the zinc phosphate, primer, and CARC topcoat systems are within the specification limits at the time of test panel production. The Contractor and Subcontractors shall make the test panels from the following materials:

- armor
- hot rolled steel
- cold rolled steel
- Galvanized materials
- aluminum

E.1.46.1 Pre-production testing shall consist of:

a) Neutral salt spray
b) Adhesion
c) Permeability
d) CARC spectral analysis certificate from the Army Research Laboratory (ARL)
e) SEM/EDS (Scanning Electron Micrograph/Energy Dispersive X-Ray Spectroscopy and Microanalysis Characterization)
f) A compatibility statement from the primer and topcoat Subcontractors (unless they are the same manufacturer) stating the e-coat primer and top coat will adhere to one another and are compatible.
g) Process behavior charts shall measure zinc phosphate parameters and shall be within the specification limits, in statistical control, and capable (Cpk 1.33 or higher). The zinc phosphate parameters shall consist of the following:

- Free acid
- Total acid
- Total concentration
- pH
- Temperature
- Coating weights
h) The panels prepared with e-coat primer shall be prepared while the e-coat system is fully charged, within specification limits, and in statistical control and capable (Cpk 1.33 or higher). The pre-production qualification tests shall consist of:

- Coating thickness (wet and dry film)
- Adhesion
- Permeability
- Neutral salt spray

i) Panels shall be prepared using ARL approved CARC paint (the Contractor shall provide certificate showing ARL approval) and shall be subjected to the pre-production qualification tests:

- Adhesion
- Cohesion
- Neutral salt spray
- Dry and wet film thickness

The Contractor shall contract for pre-production testing at either a third party independent laboratories mutually agreed upon with the Product Assurance associates in PD MTV or alternatively at the Governments laboratory at Rock Island Arsenal at the address below:

ARDEC Corrosion Control Group
1 Rock Island Arsenal
Building 62, 2nd Floor, NE Wing
Rock Island, IL 61299-7300

The Contractor shall pay for all testing and all subsequent testing due to testing failures, regardless of the facility chosen to do the tests.

E.2 Production Verification Testing.

E.2.1 Production Verification Test (PVT): The PVT will be conducted by the Government at Government Aberdeen Test Center (ATC) at Aberdeen Proving Ground (APG), MD.

E.2.2 Test articles: IAW CLINs 0071, 0081 and 0091, the contractor shall ship the following kits to ATC, APG MD:

<table>
<thead>
<tr>
<th>KIT #</th>
<th>KIT NOMENCLATURE</th>
<th>QTY. AT ATC</th>
</tr>
</thead>
<tbody>
<tr>
<td>57K6013</td>
<td>Kit, Cab Armor w/58 gallon FTFS Kit</td>
<td>4</td>
</tr>
<tr>
<td>57K6427</td>
<td>Kit, Armor, Underbody</td>
<td>4</td>
</tr>
<tr>
<td>57K6428</td>
<td>Kit, Counterweight, M1078 Underbody Kit</td>
<td>4</td>
</tr>
</tbody>
</table>

Kits to be delivered to ATC, APG MD

The contractor shall provide the kits and furnished items shall be IAW CDRL E005, "Kit PPAP Plan for Inspection at Contractors Facility and Fit-Up Plan at APG". Delivery of PVT kits is required 240 Days After Contract Award (DACA). PVT will commence immediately upon receipt of the PVT kits at ATC, APG, MD.

E.2.3 PVT Location. Transportation charges from the Contractor's production facility to and from the ATC, APG, MD test site shall be the sole responsibility of the Contractor.

E.2.4 Requirements Applicable to Production Verification Test

E.2.4.1 Under no circumstances shall any test items be shipped from the Contractor's facility to the test sites until:

1. A complete inspection has been performed on each kit by a Government team consisting of a formally designated representative of the ACO and a designated TACOM representative per CDRL E005, Kit PPAP Plan for Inspection at the Contractors Facility and Fit-Up Plan at APG.

2. All deficiencies disclosed by this Government inspection have been corrected by the Contractor and approved by the Government, as evidenced by the DD Form 250, signed by an authorized Government representative before shipment.
E.2.5 Contractor Involvement in Test

E.2.5.1 Contractor Field Service Representative (FSR) on-site support is required throughout the test period. The contractor will be allowed to observe kit installation and removals. Performance will begin no later than 240 days after award of order and conclude no later than 5 calendar days after start of performance. The Government will provide specific start dates and duration of performance within 15 days after award of order.

E.2.5.2 Each FSR supporting test shall obtain a secret clearance in order to gain unescorted access to the test site.

E.2.5.3 If parts listed in C.3.3 are missing, damaged during installation, removed, or cannot be installed during the kit fit up process, the Contractor shall be responsible for providing replacement parts within 24 hours of notification.

E.2.5.4 Office space for the field service representative (FSR) will not be provided by the Government.

E.3 Failure Analysis and Corrective Action Report (FACAR) Process

E.3.1 Failure Analysis And Corrective Action Report (FACAR). Test failure, defects, and deficiencies are defined as conditions that lack an essential quality element and a non-conformance to technical requirement. The Government will capture all test failures, defects, and deficiencies in Test Incident Reports (TIRs), released through VDLS [VISION (Versatile Information Systems Integrated On-line Nationwide) Digital Library System], and reviewed by the Government Test & Evaluation (T&E) IPT. A basic process flow chart is provided in Attachment 0014 "TIR and FACAR Report Data".

E.3.2 The Contractor shall be responsible for accessing VDLS for all TIRs released during Government-specified tests. Receipt of a TIR is defined as the TIR Release Date. Upon receipt of a TIR, the Contractor shall determine the root cause of the failure and furnish a FACAR IAW CDRL E015, “FACAR, with the proposed corrective actions set forth in this contract provision.

E.3.3 FACAR Classifications

1. Critical. A Critical TIR:
   (a) Involves a catastrophic or critical hazard related to health or safety of personnel (death or severe injury or occupational illness; Categories I and II per MIL STD 882).
   (b) Involves a catastrophic safety hazard to the item/system under test (unplanned system loss; Category I per MIL STD 882).
   (c) Reports test results that make test suspension or termination advisable.

2. Major. A Major TIR:
   (a) Involves a marginal hazard to health or safety of personnel (Category III per MIL STD 882).
   (b) Involves a critical safety hazard to the item or system under test (unplanned major system damage; Category II per MIL STD 882).
   (c) Reports the inability of the test item (including diagnostic equipment, tools, publications, software, and so forth) to meet a critical or essential functional area, design, or performance requirement.
   (d) Reports subtest results that reflect inadequate performance.
   (e) Involves repetitive minor TIR incidents (see below) in which their cumulated effect could result in any of the above four conditions.

3. Minor. A Minor TIR:
   (a) Reflects an actual or incident malfunction, defect, hazard, or negative finding that does not qualify as critical or major.
   (b) Reports subtest results that reflect marginal performance.

4. Information. An Information TIR:
   (a) Reports modifications to the tested item; current condition of the tested item; test findings; subtest results; safety release information; or other types of information.

E.3.4 FACAR’s are not required for TIRs that are charged to the following (in data block 43 of the TIR): Crew, Maintenance Personnel, and Hardware/Government Furnished Equipment (GFE), unless directed by the Government.
E.3.5 Contractor FSR's shall gather relevant failure related information needed to generate the FACAR. This includes, but is not limited to, failed part tag numbers, part nomenclature, part location, failure symptoms and maintenance procedures. If this information cannot, after a reasonable amount of effort, be obtained, then the Contractor shall call the designated PD MTV Test Manager. This information must be communicated to the Corrective Action Review Board (CARB) Chairman before the next CARB is convened.

E.3.6 Contractor may initiate a request to defer (i.e. group) FACAR's with identical root cause to a primary FACAR. The Government CARB Chairperson may unilaterally initiate a deferral or may agree with the Contractors deferral request. FACAR's shall not be deferred until Official (written) Government CARB Chairperson Notification has been received.

E.3.7 TIR's and release to the FACAR Process: For Minor, Major and Critical TIR's, the clock for FACAR response times will start when posted to VDLS by the test site. Information TIRs do not need FACAR's. The Government reserves the right to re-open a TIR, submit it to the Contractor, and request a FACAR. This may occur if the incident recurs or shows signs of becoming a repetitive failure.

E.3.8 The CARB is the Government group responsible for reviewing and approving the contractor's proposed FACAR's. The CARB members determine if the Contractor's FACAR's are adequate and effective. The roles and responsibilities of the CARB members are determined by AR 73-1 and DA FM 73-1. The Contractor's corrective action team membership shall directly correlate with the Government CARB members (also known as the Corrective Action Review Team or (CART)) to reflect all relevant program functions (i.e. Quality, Logistics, Maintenance, Systems Engineering, Safety, Transportability and MANPRINT/Human Factors).

E.3.9 FACAR Submission

E.3.9.1 The FACAR data stream (i.e. Section VI of the TIR) shall be prepared and delivered by the Contractor in the American Standard Code for Information Interchange (ASCII) format for Corrective Action data streams identified in Test Incident Report and Failure Analysis and Corrective Action Report Data, Attachment 0045, "TIR and FACAR Report Data" of the contract and as described in CDRL E015, "FACAR". With the exception of the supporting documents, all required text shall be delivered to Army Test Incident Reporting System (ATIRS) in the ASCII format Corrective Action data stream format.

E.3.9.2 The first Contractor entry for each FACAR shall record OPEN in data block 100. No contractor entries are required in data blocks 102, 103, 104, and 105. Following the Final CARB, the PCO will provide the contractor with official notification on all closed FACAR's. Once notification is received that FACAR's are closed, the contractor shall amend data block 100 to reflect COMPLETED.

E.3.9.3 The Contractor shall access TIR's through VDLS via and deliver corresponding FACAR's to ATIRS via . The Government will provide procedures for obtaining contractor access to the VDLS system at the Start of Work meeting. Following the first FACAR CDRL submission (to assure system compatibility and smooth processing of emailed data deliverables), the Contractor shall confirm that delivered XML formatted Corrective Actions have been converted to permanent FACARs in VDLS. Upon observation by the Contractor, the Government CARB Chairperson shall be notified of delivered FACAR's that have not loaded in VDLS.

E.3.9.4 Supporting Documentation. The Contractor shall provide supporting documentation (internal assessment, supplier data, vendor analysis, test data, certifications, drawings, and digital photographs) for each FACAR. The supporting documentation shall be delivered in *.pdf format in conjunction with the FACAR. To track multiple source documents related to a single FACAR, the file name shall be composed of a sequential FACAR numbering system [Supplemental FACAR # - Version # .pdf].

For example:

TIR#-A.pdf ------ 1st document
TIR#-B.pdf ------ 2nd document
TIR#-C.pdf ------ 3rd document

For FACAR revisions, data blocks shall list any additional Supporting Documentation with the new file name.

E.3.9.5 FACAR Types: FACAR's may be interim or final. The interim provides the contractor recommended actions and the potential root cause of the failure. The final FACAR documents the agreed upon failure resolution and the root cause of the failure.

E.3.9.5.1 Interim FACAR's shall be provided by the contractor within the following specified time frames:

a. Critical Defect: 48 hours after the TIR Release Date. Note that the contractor shall also initiate a telecon with the Government within 24 hours to provide information on the status of the analysis of the defect.

b. Major Defect: 10 calendar days after the TIR Release Date.
E.3.9.5.2 Final FACAR’s shall be provided by the contractor within the following specified time frames:

a. Critical Defect: 30 days after the TIR Release Date.
b. Major Defect: 30 calendar days after the TIR Release Date.
c. Minor Defect: 30 calendar days after the TIR Release Date.
d. Informational: N/A

E.3.9.6 Each FACAR’s digital file structure must be in accordance with the detailed instructions in Attachment 0045 (Test Incident Report and Failure Analysis and Corrective Action Report Data) and include the following content:

1st line - Current Date/Name of team member generating the response
2nd line - Supporting Document file name per E.X.9.8.4
3rd line - Relevant content/date of the latest Government CARB Notification (if provided)
4th line - Content as described below:

Data Block 106: Developers Analysis of the Problem.

1. Disposition of failed item.
2. Statement as to whether this is a pattern failure (if so, the reports of the other failure(s) shall be referenced).
3. Classification failure (independent or dependent).
4. Failure symptoms.
5. Failure mode.
6. Failure analysis methods and results to include a full investigation and analysis of each failed test exhibit at a level necessary to identify the root cause, mechanisms, and effects of that failure on the system.
7. Status of the contractors final investigation and any supplemental information related to the failure (i.e., any internal contractor assessments, records, reports, or correspondence).

Data Block 107: Status/description of the corrective action.

1. Description of appropriate alternative corrective actions for the individual equipment failed.
2. Status of the technical maturity of the proposed corrective action.
3. TWAD (Test Work Authorization Document) number, if applicable.

Data Block 108: Test results on the corrective action.

1. Expected useful life, i.e. projections of corrective action effectiveness based on tests and analyses.
2. Recommended corrective action.

Data Block 109: Planned Production Implementation.

1. Planned coordination effort.
2. Measures taken to prevent other failures.

Last line - "Action Complete".
All subsequent FACAR updates shall retain the stated structure.

E.3.9.7 If the Government CARB determines that a FACAR fails to address the criteria stated in E.X.9.8.5, the FACAR shall be rejected and a revised FACAR shall be delivered.

E.3.9.8 The Government CARB chairperson may agree with the contractor to extend or modify the time period for revised FACAR delivery. No corrective action shall be implemented until the contractor receives written notification from the Government CARB that the FACAR is closed. The Government CARB Chairperson may re-open FACAR's due to changes in TIR classification, increased component failure rate, or incomplete and erroneous deliver.

E.3.9.9 Even if temporary schedule relief is granted by the Government for a FACAR approval, the contractor is responsible for meeting test schedule requirements in Section E. Inability of the Contractor to correct test deficiencies in a timely manner such that the overall test is extended, may result in an equitable adjustment to the Government.

E.3.9.10 FACAR Revisions: TIR Revisions as annotated in Data Block 1 shall be handled in the same manner as stated in E.X.9.8.1 thru E.X.9.8.5.6. FACAR Revisions shall include all previous FACAR deliveries. At the Contractor's request, the Government CARB Chairperson may elect to waive the requirement to re-deliver a FACAR for a revised TIR if no significant change was recorded in the TIR.

E.3.9.11 Test Exhibits: The Contractor shall clearly mark, tag, and control each failed test exhibit received from the tester as it corresponds to its respective TIR. All identification markings and tags placed on a failed test exhibit by the tester shall be maintained with the exhibit. Each failed test exhibit supporting the FACAR process shall not be handled in a manner that may obliterate facts and evidence which may be viewed by the Government CARB as pertinent to the analysis. The Contractor shall be fully responsible for the storage of each failed test exhibit (no matter where the storage facility is located) and the item(s) shall remain stored pending disposition of the failure analysis and Government CARB notification and approval.

E.4 Test Meetings.

E.4.1 Corrective Action Review Board (CARB) Meetings. Approximately 30 Days after test there will be a CARB to review contractor corrective actions. Follow-on CARBs will be scheduled to review any rejected corrective actions. The contractor is expected to provide corrective actions for all TIRs classified in block 32 of the TIR as Critical, Major, Minors. The contractor shall attend all CARBs either by direct attendance or via telecon/videocon.

E.4.1.1 CARB Schedules. The Government will provide notification of all CARB Meetings; these meetings will be mutually agreed to by the Government and the contractor. Follow-on CARB meetings to review revisions are at the discretion of the Government and are subject to a written notification to the contractor.

E.4.1.2 CARB Preparation/Notification. Prior to the scheduled CARB meeting, the contractor shall provide an electronic CARB Meeting agenda IAW CDRL A001, Agenda, Read Ahead, and Minutes (DI-ADMN-81249A(T)) in MS Excel (*.xls) format. The agenda shall contain at a minimum the following information: TIR, Revision #, Date Occurred, Original Release Date, Release Date, Title/Maintenance Description, Mileage, Subsystem, Incident Class, Deferred TIRs (if applicable), contractors Failure Analysis, contractors Recommended Corrective Action, contractors Recommended Preventive Action, and contractors recommended FACAR status (CDRL E015). The contractor shall prepare and deliver CARB Meeting Minutes IAW the delivery requirements of CDRL A001 (DI-ADMN-81250A).

*** END OF NARRATIVE E0001 ***
### Regulatory Cite | Title | Date
---|---|---
F-1 | 52.242-15 | STOP-WORK ORDER | AUG/1989
F-2 | 52.242-17 | GOVERNMENT DELAY OF WORK | APR/1984
F-3 | 52.247-29 | F.O.B. ORIGIN | FEB/2006
F-4 | 52.247-58 | LOADING, BLOCKING, AND BRACING OF FREIGHT CAR SHIPMENTS | APR/1984
F-5 | 52.247-59 | F.O.B. ORIGIN--CARLOAD AND TRUCKLOAD SHIPMENTS | APR/1984
F-6 | 52.247-65 | F.O.B. ORIGIN, PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS | JAN/1991
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

<table>
<thead>
<tr>
<th>CLIN/ITEM NO.</th>
<th>EST QUANTITY</th>
<th>WITHIN DAYS AFTER DATE OF CONTRACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>0011 (OY1)</td>
<td>168 EA</td>
<td>240 Days After Award of Order</td>
</tr>
<tr>
<td>0012 (OY2)</td>
<td>228 EA</td>
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</tr>
<tr>
<td>0013 (OY3)</td>
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<td>0014 (OY4)</td>
<td>44 EA</td>
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</tr>
<tr>
<td>0022 (OY2)</td>
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<tr>
<td>0023 (OY3)</td>
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</tr>
<tr>
<td>0141 (OY1)</td>
<td>1 EA</td>
<td>240 Days After Contract Award</td>
</tr>
</tbody>
</table>

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
Contractors 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)

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

"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 .

"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

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

(ii) 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

(iii) 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.

"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.

"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.

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

(c) Unique item identifier.

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

(ii) Delivered items for which the Government's unit acquisition cost is $5,000 or more, except for the following line items:
<table>
<thead>
<tr>
<th>Contract Line,</th>
<th>Reference No. of Document Being Continued</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subline, or</td>
<td>PIIN/SHIN W56HZV-17-R-0106</td>
<td>99</td>
</tr>
<tr>
<td>Exhibit Line Item Number</td>
<td>MOD/AMD</td>
<td>99 of 148</td>
</tr>
</tbody>
</table>

**Name of Offeror or Contractor:**

Incorporated by Approval of CDRL D002

(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:

<table>
<thead>
<tr>
<th>Contract Line,</th>
<th>Item Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subline, or</td>
<td></td>
</tr>
<tr>
<td>Exhibit Line Item Number</td>
<td></td>
</tr>
</tbody>
</table>

Incorporated by Approval of CDRL D002

(iii) Subassemblies, components, and parts embedded within delivered items, items with warranty requirements, DoD serially managed reparables and DoD serially managed nonreparables 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 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

   (B) Comply with--

   (1) The requirements of paragraph (c)(1)(i), (ii), (iii), or (iv) of this clause;

   (2) The requirements of paragraph (c)(2) of this clause;

   (3) The requirements of paragraph (c)(3) of this clause;

   (4) The requirements of paragraph (c)(4) of this clause;
(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.

(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.

(5) 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 .

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

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

   (ii) Direct data submission to the IUID Registry following the procedures and formats at ; 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-9 52.247-4010 TRANSPORTATION DATA FOR FOB ORIGIN OFFERS FEB/1994

(TACOM)

(a) Provide the following information for us to use in selecting the most favorable mode of shipment. We'll also use this information in our evaluation of transportation costs.

   Offeror represents that:

   (1) Facilities for shipping by rail

       [ ] are

       [ ] are not

   available at the F.O.B. point(s) stated in this solicitation.

   (2) If rail facilities are not available at the F.O.B. point(s), the name and location of the nearest team track is:

   (NAME)  (LOCATION)

   (3) Facilities for shipping by water

       [ ] are

       [ ] are not

   available at the F.O.B. point(s) stated in this solicitation.
(4) Facilities for shipping by motor

[ ] are

[ ] are not

available at the F.O.B. point(s) stated in this solicitation.

(5) If there is a Contractor Reimbursable Loading Charge and you didn't include it in the offered unit price in Section B, please indicate it below, per unit:

RAIL:        /Unit  MOTOR:        /Unit  WATER:        /Unit

CAUTION:  GIVE THE COST OF REIMBURSABLE LOADING CHARGE (NOT ALREADY IN THE OFFERED UNIT PRICE) ON A PER UNIT BASIS. THE UNIT OF MEASURE IS AS INDICATED ON THE SCHEDULE PAGE, SECTION B, UNDER THE UNIT COLUMN.

(b) We will consider any charge listed above in the overall transportation evaluation of this solicitation. Unless you fill-in the above information for loading charges, we will consider all costs associated with loading to be included in the item price offered in Section B. These costs include: (i) loading, (ii) blocking, (iii) bracing, (iv) drayage, (v) switching, or (vi) any other service necessary to effect delivery F.O.B. carrier's equipment you've indicated as available and we specify at time of shipment.

(c) If rail facilities aren't available at the designated F.O.B. point(s), rail won't be used unless directed by the Administrative Contracting Officer (ACO). If the ACO tells you rail facilities will be used, we'll adjust the contract price by adding the loading charge filled in above for transportation to the nearest rail facility.

(d) IF YOU DO NOT FILL IN AN ADDITIONAL CHARGE FOR RAIL SHIPMENT ABOVE, YOU AGREE THAT THE CONTRACT PRICE ALREADY INCLUDES ALL CHARGES FOR SUCH SHIPMENTS. THEREFORE, SHIPMENT BY RAIL WILL NOT COST US ANY MORE.

[End of Clause]

F-10  52.247-4011  FOB POINT  SEP/1978  (TACOM)

Delivery on F.O.B. origin offers will be F.O.B. Carrier's equipment, wharf, or freight station, at the Government's option, at or near:

(1) Contractor's Plant:

(City)          (State)          (ZIP)          (County)

(2) Subcontractor's Plant:

(City)          (State)          (ZIP)          (County)

[End of Clause]

F-11  52.247-4017  DEPOT ADDRESS FOR THE APPLICABLE MODE OF SHIPMENTS: IN-THE-CLEAR  OCT/2015  (TACOM)

MILSTRIP ADDRESSES

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NOTE: All deliveries to New Cumberland MUST be scheduled at least 10 days prior to the delivery date. The carrier or contractor must call the New Cumberland DDSF customer service number, 800-307-8496 and provide the following information: contract number, item name, National Stock Number, total weight and cube, and vendor. All shipments to this MILSTRIP address code (W25G1U) are for mission stock and they will need to know that as well, but if you have instructions from the Contracting Officer to use MILSTRIP address code W25N14 instead, you must inform the appointment-taker that the delivery is for Consolidation and Containerization Point (CCP) stock. Appointments for FOB Origin shipments should be coordinated with DCMA Transportation.
CONTINUATION SHEET

Name of Offeror or Contractor: Transportation Officer

<table>
<thead>
<tr>
<th>Reference No. of Document Being Continued</th>
<th>Page</th>
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<tbody>
<tr>
<td>PIH/SHN W56HZV-17-R-0106</td>
<td>103 of 148</td>
</tr>
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</table>

- **875670**/ W62G2T Transportation Officer  
  XU Def Dist Depot  
  San Joaquin  
  25600 S Chrisman Rd  
  Tracy, Ca 95376-5000

- **875675**/ transportation officer  
  XU Def Dist Depot  
  San Joaquin  
  25600 S Chrisman Rd  
  Tracy, Ca 95376-5000

- **471995**/ W31G1Z Transportation Officer  
  Anniston Army Depot, Bynum, AL  
  Anniston Army Depot, Bynum, AL

- **471996**/ transportation officer  
  Anniston Army Depot, Bynum, AL

- **209741**/ W25G1R Transportation Officer  
  Letterkenny Army Depot, Culbertson, PA  
  Letterkenny Army Depot, Chambersburg, PA

- **209770**/ transportation officer  
  Letterkenny Army Depot, Chambersburg, PA

- **661136**/ W45G19 Transportation Officer  
  Red River Army Depot, Defense, TX  
  Red River Army Depot, Texarkana, TX

- **661157**/ W56R2M Transportation Officer  
  Red River Army Depot, Texarkana, TX  
  Red River Army Depot, Texarkana, TX 75507-5000

- **764538**/ W67G23 Transportation Officer  
  Tooele Army Depot, Warner, UT  
  Tooele Army Depot, Tooele, UT

- **764535**/ transportation officer  
  Tooele Army Depot, Tooele, UT 84074-5003

***SPLC indicates Standard Point Locator Code.***

**NOTE:** The following is applicable only when so specified in an individual order or delivery increment:

This requirement is a depot replenishment buy, a portion of which is or may be required to fill Direct Support System (DSS) requisitions. Shipment shall be made, as specified, to one or more of:

- New Cumberland Army Depot
- Red River Army Depot
- Sharpe Army Depot

prior to shipments to any other depots as may be designated. When more than one depot is designated for DSS shipments, priority shipments will be made equally to each of the designated destinations.

[End of Clause]
SECTION G - CONTRACT ADMINISTRATION DATA

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

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

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

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

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

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

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


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

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

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

1. Document type. The Contractor shall use the following document type(s).

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

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.

<table>
<thead>
<tr>
<th>Field Name in WAWF</th>
<th>Data to be entered in WAWF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pay Official DoDAAC</td>
<td>-3-</td>
</tr>
<tr>
<td>Issue By DoDAAC</td>
<td>-4-</td>
</tr>
<tr>
<td>Admin DoDAAC</td>
<td>-5-</td>
</tr>
<tr>
<td>Inspect By DoDAAC</td>
<td>-6-</td>
</tr>
<tr>
<td>Ship To Code</td>
<td>-7-</td>
</tr>
<tr>
<td>Ship From Code</td>
<td>-8-</td>
</tr>
<tr>
<td>Mark For Code</td>
<td>-9-</td>
</tr>
<tr>
<td>Service Approver (DoDAAC)</td>
<td>-10-</td>
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<td>Service Acceptor (DoDAAC)</td>
<td>-11-</td>
</tr>
<tr>
<td>Accept at Other DoDAAC</td>
<td>-12-</td>
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<tr>
<td>LPO DoDAAC</td>
<td>-13-</td>
</tr>
<tr>
<td>DCAA Auditor DoDAAC</td>
<td>-14-</td>
</tr>
<tr>
<td>Other DoDAAC(s)</td>
<td>-15-</td>
</tr>
</tbody>
</table>
(4) Payment request and supporting documentation. The Contractor shall ensure a payment request includes appropriate contract line item and subline item descriptions of the work performed or supplies delivered, unit price/cost per unit, fee (if applicable), and all relevant back-up documentation, as defined in DFARS Appendix F, (e.g. timesheets) in support of each payment request.

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

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(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.

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

(End of clause)
SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 Government Furnished Information

H.1.1 The Government will provide the Contractor with the TDPs for the FMTV B-Kits, Underbody Armor Kits, and Underbody Counterweight Kits including Installation Instructions for each (Attachment 0001, Technical Data Packages). The Contractor shall print hardcopy sets of the installation instructions and pack one (1) set of hard copy instructions with each kit as specified in C.5.

H.2 Effective Period.

The effective period of this Indefinite Delivery Indefinite Quantity contract includes five (5) ordering years, which the Government defines as follows:

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<th>Period</th>
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<td>01</td>
<td>Date of Contract award through 364 days after contract award</td>
</tr>
<tr>
<td>02</td>
<td>365 days after contract award through 729 days after contract award</td>
</tr>
<tr>
<td>03</td>
<td>730 days after contract award through 1,094 days after contract award</td>
</tr>
<tr>
<td>04</td>
<td>1,095 days after contract award through 1,459 days after contract award</td>
</tr>
<tr>
<td>05</td>
<td>1,460 days after contract award through 1,825 days after contract award</td>
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</tbody>
</table>

H.2.1 The Contractor shall commence deliveries no later than 240 calendar days after the award of each delivery order and shall complete the deliveries within 600 calendar days of the delivery order.

H.3 The Contractor shall maintain a valid Facility Clearance from Defense Security Service (DSS) for the entire duration of the contract. If the Contractor fails to maintain a valid Facility Clearance or the Contractor's Facility Clearance is revoked for any reason, the Government may, by written notice, terminate the contract.

H.4 Organizational Conflicts of Interest (OCI)

H.4.1 The contractor and its subcontractors, consultants, parent companies, subsidiaries, joint ventures, or other business affiliates at any tier may be excluded from performing under this contract if the PCO determines that an OCI exists due to bias or unfair competitive advantage.

H.4.2 The contractor shall flow down this provision in any subcontracts or other related instruments (at all tiers). The contractor shall monitor its activities and the activities of its subcontractors and related entities, and promptly disclose any actual or potential OCIs and any actions taken or proposed to negate or mitigate such conflicts.

H.4.3 The contractor shall disclose any potential OCI situations to the PCO as soon as identified including prior to proposal submission and throughout performance of this effort. The disclosure must include the facts and an analysis of the actual or perceived conflict and a recommended approach to neutralize, avoid, 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.

H.4.4 If the contractor does not identify any potential OCI situations, it shall provide an affirmative statement that it does not have an OCI applicable. In such instances, the contractor shall provide this statement prior to proposal submission, and prior to award of any subcontracts, which may occur at any time during performance of this effort.

H.4.5 Remedies for breach of any of the above restrictions or for nondisclosure or misrepresentation of any relevant facts required to be disclosed concerning this contract, the Government may terminate the contract for default, disqualify the contractor for subsequent related contractual efforts, and pursue such other remedies as may be permitted by law or this contract.

*** END OF NARRATIVE H0001 ***
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<tr>
<td>I-1 52.202-1</td>
<td>DEFINITIONS</td>
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<td>I-21 52.215-2</td>
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<td>I-22 52.215-8</td>
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<td>NOTICE TO THE GOVERNMENT OF LABOR DISPUTES</td>
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<td>COMBATING TRAFFICKING IN PERSONS</td>
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<td>APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM</td>
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<td>SUBCONTRACTS FOR COMMERCIAL ITEMS</td>
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<td>PREFERENCE FOR U.S.--FLAG AIR CARRIERS</td>
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<td>SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE</td>
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<td>252.215-7000</td>
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(a) The Contractor shall deliver 1 EA of Pre-Production Kits IAW CLINs 0071, 0081 and 0091 within 240 calendar days from the date of this contract to the Government at the Contractor Facility for PCA and subsequently to Aberdeen Proving Ground (APG), MD for PVT 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 10 calendar days after the Government receives the first article, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.

(c) If the first article is disapproved, the Contractor, upon Government request, shall submit an additional first article for testing. 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 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 Contractor's 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.
(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than One (ea) FMTV Protection Kit, 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 1,500 (ea) FMTV Protection Kits;

2. Any order for a combination of items in excess of 2,282 (ea) FMTV Protection Kits; or

3. A series of orders from the same ordering office within ten 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.

(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 five 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)
(End of Clause)
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 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.

(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-118       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-119       52.204-21       BASIC SAFEGUARDING OF COVERED CONTRACTOR INFORMATION SYSTEMS              JUN/2016

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

*Covered contractor information system* means an information system that is owned or operated by a contractor that processes, stores, or transmits Federal contract information.

*Federal contract information* means information, not intended for public release, that is provided by or generated for the Government under a contract to develop or deliver a product or service to the Government, but not including information provided by the Government to the public (such as on public Web sites) or simple transactional information, such as necessary to process payments.

*Information* means any communication or representation of knowledge such as facts, data, or opinions, in any medium or form, including textual, numerical, graphic, cartographic, narrative, or audiovisual (Committee on National Security Systems Instruction (CNSSI) 4009).

*Information system* means a discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information (44 U.S.C. 3502).

*Safeguarding* means measures or controls that are prescribed to protect information systems.

(b) Safeguarding requirements and procedures.

(i) The Contractor shall apply the following basic safeguarding requirements and procedures to protect covered contractor information systems. Requirements and procedures for basic safeguarding of covered contractor information systems shall include, at a minimum, the following security controls:

(i) Limit information system access to authorized users, processes acting on behalf of authorized users, or devices (including other information systems).

(ii) Limit information system access to the types of transactions and functions that authorized users are permitted to execute.

(iii) Verify and control/limit connections to and use of external information systems.
(iv) Control information posted or processed on publicly accessible information systems.

(v) Identify information system users, processes acting on behalf of users, or devices.

(vi) Authenticate (or verify) the identities of those users, processes, or devices, as a prerequisite to allowing access to organizational information systems.

(vii) Sanitize or destroy information system media containing Federal Contract Information before disposal or release for reuse.

(viii) Limit physical access to organizational information systems, equipment, and the respective operating environments to authorized individuals.

(ix) Escort visitors and monitor visitor activity; maintain audit logs of physical access; and control and manage physical access devices.

(x) Monitor, control, and protect organizational communications (i.e., information transmitted or received by organizational information systems) at the external boundaries and key internal boundaries of the information systems.

(xi) Implement subnetworks for publicly accessible system components that are physically or logically separated from internal networks.

(xii) Identify, report, and correct information and information system flaws in a timely manner.

(xiii) Provide protection from malicious code at appropriate locations within organizational information systems.

(xiv) Update malicious code protection mechanisms when new releases are available.

(xv) Perform periodic scans of the information system and real-time scans of files from external sources as files are downloaded, opened, or executed.

(2) Other requirements. This clause does not relieve the Contractor of any other specific safeguarding requirements specified by Federal agencies and departments relating to covered contractor information systems generally or other Federal safeguarding requirements for controlled unclassified information (CUI) as established by Executive Order 13556.

(c) Subcontracts. The Contractor shall include the substance of this clause, including this paragraph (c), in subcontracts under this contract (including subcontracts for the acquisition of commercial items, other than commercially available off-the-shelf items), in which the subcontractor may have Federal contract information residing in or transiting through its information system.

(End of clause)
(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

(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)
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.

(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.

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<th>Material</th>
<th>Identification No.</th>
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(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:

(i) 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.

(ii) 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.

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

(I-127) 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.dcma.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)

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 shall:

(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)
(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.

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<th>MATERIAL (If None, Insert None.)</th>
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(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)
*Non-CAAF* means personnel who are not designated as CAAF, such as local national (LN) employees and non-LN employees who are permanent residents in the operational area or third-country nationals who are permanent residents in the operational area who perform support functions away from the close proximity of, and do not reside with, U.S. Armed Forces. Government-furnished support to non-CAAF is typically limited to force protection, emergency medical care, and basic human needs (e.g., bottled water, latrine facilities, security, and food when necessary) when performing their jobs in the direct vicinity of U.S. Armed Forces. Non-CAAF status does not apply to contractor personnel in support of applicable operations within the boundaries and territories of the United States.

*Subordinate joint force commander* means a sub-unified commander or joint task force commander.

(b) General.

(1) This clause applies to both CAAF and non-CAAF when performing in the United States Central Command (USCENTCOM) Area of Responsibility (AOR).

(2) Contract performance in USCENTCOM AOR may require work in dangerous or austere conditions. Except as otherwise provided in the contract, the Contractor accepts the risks associated with required contract performance in such operations.

(3) When authorized in accordance with paragraph (j) of this clause to carry arms for personal protection, contractor personnel are only authorized to use force for individual self-defense.

(4) Unless immune from host nation jurisdiction by virtue of an international agreement or international law, inappropriate use of force by contractor personnel authorized to accompany the U.S. Armed Forces can subject such personnel to United States or host nation prosecution and civil liability (see paragraphs (d) and (j)(3) of this clause).

(5) Service performed by contractor personnel subject to this clause is not active duty or service under 38 U.S.C. 106 note.

(c) Support.

(1)(i) The Combatant Commander will develop a security plan for protection of contractor personnel in locations where there is not sufficient or legitimate civil authority, when the Combatant Commander decides it is in the interests of the Government to provide security because--

(A) The Contractor cannot obtain effective security services;

(B) Effective security services are unavailable at a reasonable cost; or

(C) Threat conditions necessitate security through military means.

(ii) In appropriate cases, the Combatant Commander may provide security through military means, commensurate with the level of security provided DoD civilians.

(2)(i) Generally, CAAF will be afforded emergency medical and dental care if injured while supporting applicable operations. Additionally, non-CAAF employees who are injured while in the vicinity of U.S. Armed Forces will normally receive emergency medical and dental care. Emergency medical and dental care includes medical care situations in which life, limb, or eyesight is jeopardized. Examples of emergency medical and dental care include examination and initial treatment of victims of sexual assault; refills of prescriptions for life-dependent drugs; repair of broken bones, lacerations, infections; and traumatic injuries to the dentition. Hospitalization will be limited to stabilization and short-term medical treatment with an emphasis on return to duty or placement in the patient movement system.

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

(iii) Medical or dental care beyond this standard is not authorized.

(3) Contractor personnel must have a Synchronized Predeployment and Operational Tracker (SPOT)-generated letter of authorization signed by the Contracting Officer in order to process through a deployment center or to travel to, from, or within the USCENTCOM AOR. The letter of authorization also will identify any additional authorizations, privileges, or Government support that Contractor personnel are entitled to under this contract. Contractor personnel who are issued a letter of authorization shall carry it with them at all times while deployed.

(4) Unless specified elsewhere in this contract, the Contractor is responsible for all other support required for its personnel engaged in the USCENTCOM AOR under this contract.

(d) Compliance with laws and regulations.
(1) The Contractor shall comply with, and shall ensure that its personnel performing in the USCENTCOM AOR are familiar with and comply with, all applicable--

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

(ii) Provisions of the law of war, as well as any other applicable treaties and international agreements;

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

(iv) Orders, directives, and instructions issued by the Combatant Commander, including those relating to force protection, security, health, safety, or relations and interaction with local nationals.

(2) The Contractor shall institute and implement an effective program to prevent violations of the law of war by its employees and subcontractors, including law of war training in accordance with paragraph (e)(1)(vii) of this clause.

(3) The Contractor shall ensure that CAAF and non-CAAF are aware--

(i) Of the DoD definition of "sexual assault" in DoDD 6495.01, Sexual Assault Prevention and Response Program;

(ii) That the offenses addressed by the definition are covered under the Uniform Code of Military Justice (see paragraph (e)(2)(iv) of this clause). Other sexual misconduct may constitute offenses under the Uniform Code of Military Justice, or another Federal law, such as the Military Extraterritorial Jurisdiction Act, or host nation laws; and

(iii) That the offenses not covered by the Uniform Code of Military Justice may nevertheless have consequences to the contractor employees (see paragraph (h)(1) of this clause).

(4) The Contractor shall report to the appropriate investigative authorities, identified in paragraph (d)(6) of this clause, any alleged offenses under--

(i) The Uniform Code of Military Justice (chapter 47 of title 10, United States Code) (applicable to contractors serving with or accompanying an armed force in the field during a declared war or contingency operations); or


(5) The Contractor shall provide to all contractor personnel who will perform work on a contract in the deployed area, before beginning such work, information on the following:

(i) How and where to report an alleged crime described in paragraph (d)(4) of this clause.

(ii) Where to seek victim and witness protection and assistance available to contractor personnel in connection with an alleged offense described in paragraph (d)(4) of this clause.

(iii) This section does not create any rights or privileges that are not authorized by law or DoD policy.

(6) The appropriate investigative authorities to which suspected crimes shall be reported include the following--


(iii) Navy Criminal Investigative Service at <http://www.ncis.navy.mil/Pages/publicdefault.aspx>;


(v) Any command of any supported military element or the command of any base.

(7) Personnel seeking whistleblower protection from reprisals for reporting criminal acts shall seek guidance through the DoD Inspector General hotline at 800-624-9098 or <www.dodig.mil/HOTLINE/index.html>. Personnel seeking other forms of victim or witness protections should contact the nearest military law enforcement office.

(8) The Contractor shall ensure that Contractor employees supporting the U.S. Armed Forces deployed outside the United States are aware of their rights to--

(i) Hold their own identity or immigration documents, such as passport or drivers license;
(ii) Receive agreed upon wages on time;

(iii) Take lunch and work-breaks;

(iv) Elect to terminate employment at any time;

(v) Identify grievances without fear of reprisal;

(vi) Have a copy of their employment contract in a language they understand;

(vii) Receive wages that are not below the legal in-country minimum wage;

(viii) Be notified of their rights, wages, and prohibited activities prior to signing their employment contract; and

(ix) If housing is provided, live in housing that meets host-country housing and safety standards.

(e) Preliminary personnel requirements.

(1) The Contractor shall ensure that the following requirements are met prior to deploying CAAF (specific requirements for each category will be specified in the statement of work or elsewhere in the contract):

(i) All required security and background checks are complete and acceptable.

(ii) All CAAF deploying in support of an applicable operation--

   (A) Are medically, dentally, and psychologically fit for deployment and performance of their contracted duties;

   (B) Meet the minimum medical screening requirements, including theater-specific medical qualifications as established by the geographic Combatant Commander (as posted to the Geographic Combatant Commanders website or other venue); and

   (C) Have received all required immunizations as specified in the contract.

(1) During predeployment processing, the Government will provide, at no cost to the Contractor, any military-specific immunizations and/or medications not available to the general public.

(2) All other immunizations shall be obtained prior to arrival at the deployment center.

(3) All CAAF and, as specified in the statement of work, select non-CAAF shall bring to the USCENTCOM AOR a copy of the U.S. Centers for Disease Control and Prevention (CDC) Form 731, International Certificate of Vaccination or Prophylaxis as approved by the World Health Organization, (also known as "shot record" or "Yellow Card") that shows vaccinations are current.

(iii) Deploying personnel have all necessary passports, visas, and other documents required to enter and exit the USCENTCOM AOR and have a Geneva Conventions identification card, or other appropriate DoD identity credential, from the deployment center.

(iv) Special area, country, and theater clearance is obtained for all personnel deploying. Clearance requirements are in DoD Directive 4500.54E, DoD Foreign Clearance Program. For this purpose, CAAF are considered non-DoD contractor personnel traveling under DoD sponsorship.

(v) All deploying personnel have received personal security training. At a minimum, the training shall--

   (A) Cover safety and security issues facing employees overseas;

   (B) Identify safety and security contingency planning activities; and

   (C) Identify ways to utilize safety and security personnel and other resources appropriately.

(vi) All personnel have received isolated personnel training, if specified in the contract, in accordance with DoD Instruction 1300.23, Isolated Personnel Training for DoD Civilian and Contractors.

(vii) Personnel have received law of war training as follows:

   (A) Basic training is required for all CAAF. The basic training will be provided through--

   (1) A military-run training center; or
A web-based source, if specified in the contract or approved by the Contracting Officer.

Advanced training, commensurate with their duties and responsibilities, may be required for some Contractor personnel as specified in the contract.

The Contractor shall notify all personnel who are not a host country national, or who are not ordinarily resident in the host country, that such employees, and dependents residing with such employees, who engage in conduct outside the United States that would constitute an offense punishable by imprisonment for more than one year if the conduct had been engaged in within the special maritime and territorial jurisdiction of the United States, may potentially be subject to the criminal jurisdiction of the United States in accordance with the Military Extraterritorial Jurisdiction Act of 2000 (18 U.S.C. 3261, et seq.);

The Contractor shall notify all personnel that--

(i) Pursuant to the War Crimes Act (18 U.S.C. 2441), Federal criminal jurisdiction also extends to conduct that is determined to constitute a war crime;

(ii) Other laws may provide for prosecution of U.S. nationals who commit offenses on the premises of U.S. diplomatic, consular, military or other U.S. Government missions outside the United States (18 U.S.C. 7(9)) or non-U.S. nationals who commit crimes against U.S. nationals in those places; and

(iii) In time of declared war or a contingency operation, CAAF are subject to the jurisdiction of the Uniform Code of Military Justice under 10 U.S.C. 802(a)(10).

Such employees are required to report offenses alleged to have been committed by or against contractor personnel to appropriate investigative authorities.

Such employees will be provided victim and witness protection and assistance.

(f) Processing and departure points. CAAF shall--

(1) Process through the deployment center designated in the contract, or as otherwise directed by the Contracting Officer, prior to deploying. The deployment center will conduct deployment processing to ensure visibility and accountability of contractor personnel and to ensure that all deployment requirements are met, including the requirements specified in paragraph (e)(1) of this clause;

(2) Use the point of departure and transportation mode directed by the Contracting Officer; and

(3) Process through a designated reception site (DRS) upon arrival at the deployed location. The DRS will validate personnel accountability, ensure that specific USCENTCOM AOR entrance requirements are met, and brief contractor personnel on theater-specific policies and procedures.

(g) Contractor Accountability and Personnel Data.

The Synchronized Predeployment and Operational Tracker (SPOT) is the joint web-based database to assist the Combatant Commanders in maintaining awareness of the nature, extent, and potential risks and capabilities associated with contracted support for contingency operations, humanitarian assistance and peacekeeping operations, or military exercises designated by USCENTCOM.

Contractors shall account for all CAAF and non-CAAF personnel in SPOT by name.

Registration. The Contractor shall comply with SPOT registration requirements.

(i) Contractor appointed company administrators for unclassified contracts shall register for a SPOT account at <https://spot.dmdc.mil>. For classified contracts, users shall access SPOT at <https://spot.dmdc.osd.smil.mil>.

(ii) Register in SPOT using one of the following log-in methods--

(A) A Common Access Card (CAC) or a SPOT-approved digital certificate; or

(B) A Government-sponsored SPOT user ID and password. This type of log-in method is only allowed for those individuals who are not authorized to obtain a CAC or an external digital certificate, and requires SPOT Program Management Office approval.

(iii) The SPOT Customer Support Team must validate user need. This process may take 2 business days. Contractor representatives will be contacted to validate contractor administrator account requests and determine the appropriate level of user access.

(iv) Refer to the OSD Program Support website at <http://www.acq.osd.mil/log/PS/spot.html> for the SPOT Business Rules, additional
training resources, documentation regarding registration, and use of SPOT.

(3) Compliance with SPOT.


(A) The Contractor shall enter into the SPOT web-based system the required information on Contractor personnel prior to deployment to the designated operational area and shall continue to use the SPOT web-based system to maintain accurate, up-to-date information throughout the deployment for applicable Contractor personnel.

(B) The Contractor shall ensure the in-theater arrival date (ITAD), deployment closeout dates and changes to the status of individual Contractor personnel relating to their ITAD and their duty location, to include closing out the deployment with their proper status (e.g., mission complete, killed, wounded) are updated in the system in accordance with the processes and timelines established in the SPOT business rules.

(ii) SPOT non-compliance and deficiencies will be relevant to past performance evaluations for future contract opportunities in accordance with FAR subpart 42.15, Contractor Performance Information.

(h) Contractor personnel.

(1) The Contracting Officer may direct the Contractor, at its own expense, to remove and replace any contractor personnel who jeopardize or interfere with mission accomplishment or who fail to comply with or violate applicable requirements of this contract. Such action may be taken at the Governments discretion without prejudice to its rights under any other provision of this contract, including the Termination for Default clause.

(2) The Contractor shall identify all personnel who occupy a position designated as mission essential and ensure the continuity of essential Contractor services during designated operations, unless, after consultation with the Contracting Officer, Contracting Officers representative, or local commander, the Contracting Officer directs withdrawal due to security conditions.

(3) The Contractor shall ensure that contractor personnel follow the guidance at paragraph (e)(2)(v) of this clause and any specific Combatant Commander guidance on reporting offenses alleged to have been committed by or against contractor personnel to appropriate investigative authorities.

(4) Contractor personnel shall return all U.S. Government-issued identification, to include the Common Access Card, to appropriate U.S. Government authorities at the end of their deployment (or, for non-CAAF, at the end of their employment under this contract).

(i) Military clothing and protective equipment.

(1) Contractor personnel are prohibited from wearing military clothing unless specifically authorized in writing by the Combatant Commander. If authorized to wear military clothing, contractor personnel must--

(i) Wear distinctive patches, arm bands, nametags, or headgear, in order to be distinguishable from military personnel, consistent with force protection measures; and

(ii) Carry the written authorization with them at all times.

(2) Contractor personnel may wear military-unique organizational clothing and individual equipment (OCIE) required for safety and security, such as ballistic, nuclear, biological, or chemical protective equipment.

(3) The deployment center, or the Combatant Commander, shall issue OCIE and shall provide training, if necessary, to ensure the safety and security of contractor personnel.

(4) The Contractor shall ensure that all issued OCIE is returned to the point of issue, unless otherwise directed by the Contracting Officer.

(j) Weapons.

(1) If the Contractor requests that its personnel performing in the USCENTCOM AOR be authorized to carry weapons for individual self-defense, the request shall be made through the Contracting Officer to the Combatant Commander, in accordance with DoD Instruction 3020.41. The Combatant Commander will determine whether to authorize in-theater contractor personnel to carry weapons and what weapons and ammunition will be allowed.

(2) If contractor personnel are authorized to carry weapons in accordance with paragraph (j)(1) of this clause, the Contracting Officer will notify the Contractor what weapons and ammunition are authorized.

(3) The Contractor shall ensure that its personnel who are authorized to carry weapons--
(i) Are adequately trained to carry and use them--

(A) Safely;

(B) With full understanding of, and adherence to, the rules of the use of force issued by the Combatant Commander; and

(C) In compliance with applicable agency policies, agreements, rules, regulations, and other applicable law;

(ii) Are not barred from possession of a firearm by 18 U.S.C. 922;

(iii) Adhere to all guidance and orders issued by the Combatant Commander regarding possession, use, safety, and accountability of weapons and ammunition;

(iv) Comply with applicable Combatant Commander and local commander force-protection policies; and

(v) Understand that the inappropriate use of force could subject them to U.S. or host-nation prosecution and civil liability.

(4) Whether or not weapons are Government-furnished, all liability for the use of any weapon by contractor personnel rests solely with the Contractor and the Contractor employee using such weapon.

(5) Upon redeployment or revocation by the Combatant Commander of the Contractors authorization to issue firearms, the Contractor shall ensure that all Government-issued weapons and unexpended ammunition are returned as directed by the Contracting Officer.

(k) Vehicle or equipment licenses. Contractor personnel shall possess the required licenses to operate all vehicles or equipment necessary to perform the contract in the USCENTCOM AOR.

(l) Purchase of scarce goods and services. If the Combatant Commander has established an organization for the USCENTCOM AOR whose function is to determine that certain items are scarce goods or services, the Contractor shall coordinate with that organization local purchases of goods and services designated as scarce, in accordance with instructions provided by the Contracting Officer.

(m) Evacuation.

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

(2) In the event of a non-mandatory evacuation order, unless authorized in writing by the Contracting Officer, the Contractor shall maintain personnel on location sufficient to meet obligations under this contract.

(n) Next of kin notification and personnel recovery.

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

(2) The Government will assist in personnel recovery actions in accordance with DoD Directive 3002.01E, Personnel Recovery in the Department of Defense.

(o) Mortuary affairs. Contractor personnel who die while in support of the U.S. Armed Forces shall be covered by the DoD mortuary affairs program as described in DoD Directive 1300.22, Mortuary Affairs Policy, and DoD Instruction 3020.41, Operational Contractor Support.

(p) Changes. In addition to the changes otherwise authorized by the Changes clause of this contract, the Contracting Officer may, at any time, by written order identified as a change order, make changes in the place of performance or Government-furnished facilities, equipment, material, services, or site. Any change order issued in accordance with this paragraph (p) shall be subject to the provisions of the Changes clause of this contract.

(q) Subcontracts. The Contractor shall incorporate the substance of this clause, including this paragraph (q), in all subcontracts when subcontractor personnel are performing in the USCENTCOM AOR.
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This document incorporates one or more 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. Also, the full text of a provision may be accessed electronically at these addresses:

http://farsite.hill.af.mil/ or https://www.acquisition.gov/

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

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

(2) The small business size standard is 1,500 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 is not included in this solicitation, and the offeror is currently registered in the System for Award Management (SAM), and has completed the Representations and Certifications section of SAM electronically, 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.

(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) 52.222-57, Representation Regarding Compliance with Labor Laws (Executive Order 13673). This provision applies to solicitations expected to exceed $50 million which are issued from October 25, 2016 through April 24, 2017, and solicitations expected to exceed $500,000, which are issued after April 24, 2017.

NOTE to paragraph (c)(1)(xvi): By a court order issued on October 24, 2016, 52.222-57 is enjoined indefinitely as of the date of the order. The enjoined paragraph will become effective immediately if the court terminates the injunction. At that time, DoD, GSA, and NASA will publish a document in the Federal Register advising the public of the termination of the injunction.

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

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

(xix) 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.

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

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

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

If the acquisition value is $50,000 or more but is less than $77,533, the provision with its Alternate II applies.

If the acquisition value is $77,533 or more but is less than $100,000, the provision with its Alternate III applies.

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

52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan Certification. This provision applies to all solicitations.

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.

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:

  ___ (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 via the SAM Web site accessed through <https://www.acquisition.gov>. After reviewing the SAM 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 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 [officer 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.

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<tr>
<th>FAR Clause #</th>
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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)

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<tr>
<th>Reference No. of Document Being Continued</th>
<th>Page</th>
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<tr>
<td>PIIN/SHN W56HZV-17-R-0106</td>
<td>130</td>
</tr>
<tr>
<td>MOD/AMD</td>
<td>148</td>
</tr>
</tbody>
</table>

Name of Offeror or Contractor:

(End of provision)

K-9  
252.204-7007  ALTERNATE A, ANNUAL REPRESENTATIONS AND CERTIFICATIONS  JAN/2015

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.

(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 Commercial Satellite Services from Certain Foreign Entities—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.

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<th>FAR/DFARS</th>
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<tr>
<td>K-10</td>
<td>52.207-4</td>
<td>AUG/1987</td>
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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.

(End of provision)

(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.

____________________________________________________________________________________________________
____________________________________________________________________________________________________
____________________________________________________________________________________________________
____________________________________________________________________________________________________

(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.

<table>
<thead>
<tr>
<th>ITEM QUOTATION</th>
<th>QUANTITY</th>
<th>PRICE</th>
<th>TOTAL</th>
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(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-11          52.209-7 INFORMATION REGARDING RESPONSIBILITY MATTERS JUL/2013

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

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

Federal contracts and grants with total value greater than $10,000,000 means--
(1) The total value of all current, active contracts and grants, including all priced options; and

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

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

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

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

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

   (i) In a criminal proceeding, a conviction.

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

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

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

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

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

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

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

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

(End of provision)

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

"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 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)

Offerors are requested to indicate below the full Uniform Freight Classification (rail) description, or the National Motor Freight Classification description applicable to the supplies, the same as offeror uses for commercial shipment. This description should include the packing of the commodity (box, crate, bundle, loose, setup, knocked down, compressed, unwrapped, etc.), the container material (fiberboard, wooden, etc.), unusual shipping dimensions, and other conditions affecting traffic descriptions. The Government will use these descriptions as well as other information available to determine the classification description most appropriate and advantageous to the Government. Offeror understands that shipments on any f.o.b. origin contract awarded, as a result of this solicitation, will be made in conformity with the shipping classification description specified by the Government, which may be different from the classification description furnished below.

For Freight Classification Purposes, Offeror Describes This Commodity as _________________________.

(End of Provision)
### SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

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<tr>
<th>Regulatory Cite</th>
<th>Title</th>
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<td>L-1</td>
<td>52.204-7 SYSTEM FOR AWARD MANAGEMENT</td>
</tr>
<tr>
<td>L-2</td>
<td>52.204-16 COMMERCIAL AND GOVERNMENT ENTITY CODE REPORTING</td>
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<td>52.214-34 SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE</td>
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<td>52.214-35 SUBMISSIONS OF OFFERS IN U.S. CURRENCY</td>
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<td>L-5</td>
<td>52.215-1 INSTRUCTIONS TO OFFERORS--COMPETITIVE</td>
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<tr>
<td>L-6</td>
<td>52.215-16 FACILITIES CAPITAL COST OF MONEY</td>
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<td>L-7</td>
<td>52.222-24 PREAWARD ON-SITE EQUAL OPPORTUNITY COMPLIANCE EVALUATION</td>
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<td>L-8</td>
<td>252.215-7008 ONLY ONE OFFER</td>
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<td>L-9</td>
<td>252.225-7003 REPORT OF INTENDED PERFORMANCE OUTSIDE THE UNITED STATES AND CANADA--SUBMISSION WITH OFFER</td>
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<tr>
<td>L-10</td>
<td>52.211-14 NOTICE OF PRIORITY RATING FOR NATIONAL DEFENSE, EMERGENCY PREPAREDNESS, AND ENERGY PROGRAM USE</td>
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<td>L-12</td>
<td>52.233-2 SERVICE OF PROTEST</td>
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<tr>
<td>L-13</td>
<td>52.211-1 AVAILABILITY OF SPECIFICATIONS LISTED IN THE GSA INDEX OF FEDERAL SPECIFICATIONS, STANDARDS AND COMMERCIAL ITEM DESCRIPTIONS, FPMR PART 101-29</td>
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</table>

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)

The Government contemplates award of a FIRM FIXED TYPE contract resulting from this solicitation.

(End of Provision)

(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 (TACOM LCMC, ATTN: CCTA (Army Contracting Command - Warren - Protest Coordinator, Mail Stop 315, 6501 E. 11 Mile Road, Warren, MI 48397-5000) by obtaining written and dated acknowledgment of receipt from the Contracting Officer.

(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)

(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 LEnfant Plaza SW
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-14 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-15 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):


L-16 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)

L-17 52.209-4007 PROVISION FOR WAIVER OF REQUIRED FIRST ARTICLE APPROVAL JUL/2015
(TACOM)

(a) The requirement entitled FIRST ARTICLE APPROVAL in Section I of this solicitation may be waived by the Government, provided that the offeror meets the conditions identified below.

(1) Offerors who intend to request a waiver or partial waiver of the First Article Test must provide sufficient information in order for the Government to determine whether the request is to be approved. If the offeror intends to request a waiver, a First Article Waiver Worksheet must be completed and submitted to the Government along with any supporting documentation. The worksheet can be found in Section J Attachment 0022 of this solicitation. The offerors request will not be considered if the worksheet and any supporting documentation is not submitted to the Government. The worksheet must be completed in its entirety. For those sections of the worksheet
which do not apply, annotate with N/A (not applicable). To substantiate or clarify information provided by the offeror, the Government may request additional information.

(2) Offerors should not assume that the FAT waiver request will be granted even if the completed worksheet and any supporting information is submitted to the Government.

(3) The worksheet and any additional supporting documentation is part of your quote/offer and must be submitted as part of the response to this solicitation on Company letterhead and signed by an agent of the Company.

(4) The offeror may request a waiver for only a portion of the First Article Test, such as a vibration test or a salt water spray test, or the test on a component or subassembly of the procured item.

(5) The offeror shall list specifically on the worksheet, by technical data package reference, that portion of the test requested to be waived. The references shall include but may not be limited to the following as applicable:
   (i) Identification of the specification or standard along with the specific specification or standard paragraph(s)
   (ii) Identification of the drawing with specific references to the drawing notes.
   (iii) Identification of the Quality Assurance Provision (QAP), or Quality Assurance Requirement (QAR) or Supplemental Quality Assurance Provision (SQAP) with specific references to the specific paragraph.

(6) Supporting documentation.
   (i) The request for waiver must be accompanied by documentation in support of the request. The documentation may include information such as the following: (1) Copy of the Administrative Contracting Officers (ACOs) or Procuring Contracting Officers (PCOs) letter approving a First Article Test report on a recent contract for the same or similar item. (2) Copy of a First Article Test report for the same or a similar item as that herein solicited. (3) Copy of an ACO or PCO letter approving a prior waiver request. (4) If the waiver request is based on similarity, a copy of the drawing/other appropriate technical requirements of the similar item.
   (ii) If a copy of a First Article Test report is submitted in support of a request for waiver under this solicitation, the test report must have been approved and signed by an authorized representative of the Government.
   (iii) The FAT report and all supporting documentation should be submitted by electronic media and should accompany the offeror’s proposal. If the FAT report and supporting documentation cannot be transmitted by electronic media, the offeror shall contact the PCO for further instruction.

(b) Note that if a waiver is granted to the successful offeror, an accelerated delivery schedule will apply. See Section F.

(c) Note: Cost considerations shall apply for approving a waiver or a portion thereof of a First Article Test.

[End of Provision]
volumes set forth below. Section M of the solicitation sets forth the evaluation criteria and delineates the Factors to be evaluated and their relative order of importance. The Offeror's proposal, as required by this section, shall be evaluated as set forth in Section M of this solicitation.

L.1.2 Export Controlled Information

This solicitation contains Export Controlled information in Controlled Unclassified Attachments. It is the responsibility of the Offeror, not the Government, to obtain the appropriate export licenses, or process appropriate export license exemption, necessary for authorization to share any such information with subcontractors who are foreign persons as defined in applicable export laws and regulations, or to obtain access to the files themselves. The Government may consider the failure or inability of an Offeror to obtain the appropriate export compliance documentation as grounds for rejection in accordance with M.2.

L.1.3 Facility Clearance Documentation

The Offeror shall submit a copy of the Offeror's current Facility Clearance issued by the Defense Security Service (DSS) for any Offeror or subcontractor facility where classified documentation will be stored in performance of the contract. Offerors who are considering a subcontractor to handle classified material shall also submit documentation indicating that its subcontractor has obtained the necessary clearance in order to be considered for award. If the Offeror currently possesses an interim Facility Clearance issued by DSS, this shall be included with the proposal.

L.1.3.1 Requirement For Facility and Information System Security Clearance (SECRET).

The Offeror is notified that there is a classified specification in the PD MTV B-Kit TDPs. Offerors must have a copy of the classified specification, prior to proposal submission, in order to meaningfully respond to the solicitation. In order to receive the classified specification, offerors must possess appropriate Facility and Information System Security Clearances (SECRET) and have the ability to receive, view, house and safeguard SECRET materials. Unless the Offeror already possesses the classified specification, the Offeror shall request access to this document through the Contracting Officer. Offerors requesting access to the classified specification shall be certified in the Joint Certification Program (JCP), have an active System for Award Management (SAM) account, and submit a signed Non-Disclosure Agreement (NDA) via e-mail to the usarmy.detroit.acc.mbx.wrn-fmtv-b-kits@mail.mil. The Offerors requests shall include verification of their Facility and Information System Security Clearance, industrial facility security clearance (up to Secret, as a minimum), the name and phone number of the offeror's security officer, and an address for mailing the classified document.

L.1.4 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.1.4.1 The Government requires a minimum acceptance period of 180 calendar days.

L.1.4.2. The offeror shall clearly state in its proposal Terms and Conditions volume the acceptance period. Offerors may specify a longer acceptance period than the Government's minimum acceptance period stated above.

L.1.4.3. 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

The Offeror's proposal shall include a cover letter and be submitted in three separate volumes as set forth below: The Offeror shall adhere to both the DOD 5220.22-M (NISPOM) and the governing "PEO CS&CSS Armoring Security Classification Guide", Attachment 0004, when marking, storing, and mailing classified material.

(a) The Cover Letter. The Offeror shall include a cover letter with the proposal. The Offeror shall ensure the cover letter identifies all volumes, documents, and enclosures provided on CD-ROMs or DVD's as described below. The cover letter shall be prepared on the company's letterhead.

(b) Volume 1: Proposal Terms and Conditions Volume.

Submit two identical sets of CD-ROMs or DVDs. In Volume 1, the Offeror shall provide the following:

A. A scanned image of a signed copy of the Standard Form (SF) 33 cover page of the RFP, signed by a person authorized to sign and commit the contractor to this proposal on behalf of the Offeror. The contractor shall provide the name, e-mail, and phone number of the person authorized to sign and commit the contractor and communicate with the Contracting Officer for this proposal. The Offeror shall ensure the proper completion of blocks 12, 13, 15A, 15B, 15C, 16, 17, and 18 on the SF 33.
B. One copy of this solicitation (Sections A-K) with all clause and other fill-ins completed, including Representations and Certifications in Section K. The Offeror need not to separately submit System for Award Management (SAM) certifications.

C. The Offeror shall submit a statement of acknowledgement specifying agreement with all terms, conditions, and provisions included in the solicitation.

D. Assumptions. The offeror shall consolidate and identify all offeror's generated "assumptions" contained anywhere in the proposal. Also, 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 grounds for the Contracting Officer to reject the proposal from further consideration in the source selection process (Reference M.2.1(d)) or determined to be a deficiency and render the proposal ineligible for award (Reference M.1.1.3(b)).

E. Offerors shall provide an affirmative statement that the Offeror does not have an Organizational Conflict of Interest (OCI) as it applies to this solicitation. (Reference L.2.5).

F. Offerors shall provide the offerors proposal acceptance period in terms of calendar days from the date for receipt of offers specified in the RFP. (Reference Section L.1.4)

G. Provide a main point of contact (POC) for the Government to communicate proposal related matters. Include the POC’s name, title, phone number, email address, and mailing address

(c) Volume 2: Past Performance Factor. Submit two identical sets of CD-ROMs or DVDs.

(d) Volume 3: Price Factor. Submit two identical sets of CD-ROMs or DVDs.

L.2.1.1 All proposals shall be in English (American Standard) and shall be in US dollars. Proposals not in English (American Standard) or in US Dollars may be rejected. The proposal shall include all information specified and shall address all requirements outlined in Section L.

L.2.1.2 Offerors are not authorized to include in the proposal citations for, or linkages to websites.

L.2.2 Proposal Format and Instructions

L.2.2.1 The Offeror shall submit each volume listed above on a separate set of CD-ROMs or DVDs. The offeror shall submit two identical sets of CD-ROMs or DVDs for each volume. The Offeror shall label one set of media as the primary copy and signed by a representative of the company authorized to submit proposals. 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. No hard copies or email proposals will be accepted.

L.2.2.1.1 Each CD-ROM or DVD shall be labeled so it is easily identifiable for evaluation purposes (example: Volume 3, Price Factor, Set 1 of 2, 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. The Offeror shall number each page of the proposal, 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 Offeror shall organize the table of contents as set forth below. The table of contents shall include the following information for each Factor, attachment, and for all substantiating data listed:

(a) Cross-reference to related Section L paragraph number
(b) Page number
(c) CD-ROM or DVD Volume and number
(d) File name
(e) Classification

L.2.2.1.2 Electronic Files. The proposal electronic files names should not exceed 50 characters in length (not including the file extension). The file name shall not contain any periods.

L.2.2.1.3 Acceptable File Formats. The Offeror shall provide all electronic information provided in response to the solicitation in Microsoft (MS) Office 2013 or PDF compatible format or except as noted in instructions for individual volumes. For files in Adobe Portable Document Format (PDF), scanners should be set to 200 dots per inch. The proposal shall not contain 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.2.2.1.4 Unless otherwise specified, proposals shall be formatted for 8.5" x 11" 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 x 14 dimensions. All spreadsheets must include all formulas, function, macros, computations, or equations used to compute the
proposed amounts. For each workbook, all Rows, Columns, Cells, and Worksheets must be visible. Zero height and zero width rows and columns in Worksheets are not acceptable. Worksheet cells formatted with the font color equal to the fill color are not acceptable. The Offeror shall provide passwords if Workbooks or Worksheets are password protected. Print image files, pictures, or files containing only values are not acceptable. Failure to provide fully functional excel spreadsheets in the proposal may result in your proposal being rejected.

L.2.2.2 Submission Due Date

The offeror must ensure its proposal, in its entirety, reaches its intended destination before the date and time set for closing of the solicitation set forth in Block 9 on the Standard Form (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 in to this solicitation.

L.2.3 Proposal Submission Address

UNCLASSIFIED proposals shall be submitted to the address below. The Offeror shall address all proposals delivered in response to this solicitation, whether hand-carried or submitted via U.S. mail, as follows:

U.S. Army Contracting Command - Warren
Attention: FMTV Proposal, Marc Landoy
Bldg 231, Mail Stop 303
6501 E. Eleven Mile Rd.
Warren, MI 48397-5000

Solicitation Number: W56HZV-17-R-0106
Date & Time: Refer to SF 33 (Pg. 1), Block 9
TO BE DELIVERED UNOPENED (Offerors name)

Exterior envelopes must identify the solicitation number, as well as the time and date specified for receipt of proposals in block nine of the SF 33.

L.2.4 Method of Proposal Submission

Proposals submitted via e-mail will not be accepted. Proposals shall either be hand-carried or submitted via US mail. The unclassified proposal must be received and time stamped by the time and date specified for receipt of proposals in block nine of the Standard Form (SF) 33, subject to the late proposal conditions in FAR Provision 52.215-1. The Government does not authorize electronic mail or facsimile of proposals and amendments. Hand-carried submissions* include proposals delivered by commercial carriers such as FedEx, UPS, or services other than the US Postal Service. Offerors shall deliver hand-carried 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 will be dated, time stamped at the Mail Handling Facility, and the Government will be responsible for forwarding the package to the appropriate personnel. 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.

The Government cautions Offerors that each Offeror shall obtain approval to enter the installation from Detroit Arsenal security 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.2.5 Organizational Conflict of Interest

L.2.5.1 The provisions of FAR 9.5, Organizational Conflict of Interest (OCI), apply to any award under this 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. 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
L.2.5.2 Offerors should 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(es) 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.2.6 Single Proposal Submission

Offerors are limited to submitting one proposal with one approach to meeting the requirements of this solicitation. An offeror is defined as an entity competing independently that does not share a common parent, does not have a parent/subsidiary relationship with any other offeror, and is not affiliated with any other offeror (as defined in Federal Acquisition Regulation (FAR) 19.101).

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
b. Price

L.4.1 Volume 2  Past Performance Factor

L.4.1.1 For the Past Performance Factor, provide information for up to four recent and relevant contracts, including contracts performed by the Offeror as the prime and not more than two recent and relevant contracts performed by a significant sub-contractor. These may include foreign, federal, state, local and private industry commercial contracts. Failure to provide recent and relevant Contract(s) performed by the Offeror as the prime may result in a decreased relevancy and confidence rating. The Government will not consider any individuals or key personnel; only corporate past performance will be considered. Recent contracts are those performed within three years of the date of issuance of this RFP.

(a) For the purposes of this Volume, contract shall be defined as:

(i) a single task or delivery order placed under a single-award or multiple-award Indefinite-Delivery contract (FAR 16.501-1) that does not contain multiple work directives or similar instruments which contain separate statements of work; or,

(ii) a single work directive or similar instrument which contains a separate statement of work issued under a broader contract; or,

(iii) a single order placed under a basic ordering agreement (BOA) (FAR 16.703); or,

(iv) a single task order placed under a federal supply schedule (FSS) (FAR 8.405-2); or,

(v) a single task order placed under a single-award or multiple-award blanket purchase agreement (BPA) (FAR 8.405-3 or FAR 13.303)

(vi) a single Government or private industry contract which does not include any of the types of instruments described in (i)-(v) above.

(b) Relevant Past Performance will consider the extent to which the submitted contract efforts are comparable in scope and magnitude of effort and complexity to the following statement of work requirements:

i. Building or Assembling Protection Kits to a Government Technical Data Package (TDP) for Military Vehicles that includes both Transparent and Opaque Armor and;

ii. Building or Assembling of Protection Kits to include Transparent and Opaque Armor at a rate of 40 kits per month and;

iii. Provide similar or like packaging of Protection Kits in accordance with a Government TDP.

L.4.1.2 Significant subcontractors are defined as team members or first or second tier subcontractors performing more than $10M or 10% of the total value of the Offeror's proposal, whichever is less.

(a) With respect to the prime, submit the L.4.1.1 specified information on at least two recent/current contracts that you consider most relevant to that portion of this RFP that you propose to perform.
(b) With respect to each significant subcontractor, submit the L.4.1.1 specified information on no more than two recent/current contracts performed by the subcontractor that are relevant to that portion of this RFP that you propose for performance by that subcontractor.

L.4.1.3 Contract Information: For each of the up to four recent and relevant contracts submitted under L.4.1.1 and L.4.1.2 above, provide the following information:

(a) Contract Number (and delivery/task order number if applicable);
(b) Contract Type;
(c) Total Value of the Contract (beginning & ending value);
(d) Delivery or Performance Schedule;
(e) Government or private industry contracting activity address, telephone number and e-mail;
(f) 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;
(g) Government (DCMA) or commercial administrative contracting officer (ACO), contracting officers representative (COR), performance certifier, and/or quality assurance representative (QAR), name, telephone number and email;
(h) IAW L.4.1.4, Past Performance Questionnaire, specify the Government or Contractor Point of Contact(s) for which the Past Performance Questionnaire, Attachment 0016 was sent, and provide the date(s) it was sent.

(i) A description of past contract scope of work requirements and a discussion of the similarities between the cited contract scope to each of the statement of work requirements identified above in L.4.1.1(b) that the Offeror believes is relevant including complexity, dollar value, contract type, use of key personnel and extent of subcontracting or teaming. In its description, the Offeror should specify the location in the proposal (to include filename or document reference with page and paragraph of the past contract information) that substantiates the relevance;
(j) Contract period of performance;
(k) A description of work performed by the Offeror
(l) For each of the contracts listed, provide a brief self-assessment of contract performance. The self-assessment must address performance to meet the requirements set forth in Section L.4.1.1(b)
(m) Copies of the Statements of Work from each of the submitted contracts to establish the relevance of the contract to the scope of work activities listed in L.4.1.1(b) above.

L.4.1.3.1 Note: Regarding L.4.1.3 (l) above, and in evaluating each Offeror's performance history, the Government will look at the Offeror's delivery performance against the contract's original delivery schedule unless the delay was Government caused. Schedule extensions that were the fault of the Offeror, even if consideration was provided, will be counted against the Offeror.

L.4.1.4 Past Performance Questionnaire. A past performance questionnaire is provided in Attachment 0016, Past Performance Questionnaire. For each of the recent/relevant contracts submitted by the Offeror, and based on identification of your most recent and relevant contracts, 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 at usarmy.detroit.acc.mbx.wrn-fmtv-b-kits@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 and Solicitation Number, W56HZV-17-R-0106].

L.4.1.5 Corporate Entities. If any contract submitted as part of the Past Performance factor was performed by a corporate entity or division other than the Offeror that would perform work under this RFP, please identify the entity and how they are related to the Offeror, and explain how the resources of the other entity will be utilized in the performance of this effort.

L.4.1.6 Predecessor Companies. If you only have recent and relevant performance history as a part of a predecessor company, we may consider that past performance in our evaluation of past performance. Please provide the information for those recent and relevant contracts of that predecessor company and explain how the resources of the predecessor company will be utilized in the performance of this effort. Offerors must also briefly document the history of the evolution from the predecessor company.

L.4.1.7 Past Performance Information.

L.4.1.7.1 The Government does not assume the duty to search for data to cure problems it finds in proposals. The burden of providing thorough and complete past performance information remains with the Offeror. It is the Offeror's responsibility to submit detailed and complete information as required so the Government may evaluate its past performance volume. The above 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.4.1.2 above may result in an assessment that the referenced past performance record lacks relevance or recency.

L.4.1.7.2 Offerors are advised that the Government may contact any of the references the Offeror provides, may contact internal or external sources regarding past contract performance information, and reserves the right to use any information received as part of our evaluation that may include the Past Performance Information Retrieval System (PPIRS) to search for past contract performance
information. While the Government may elect to consider data obtained from internal and external sources other than the proposal, the burden on providing thorough and complete past performance information rests with the Offeror.

L.4.2 Volume 3 - Price Factor

L.4.2.1 Offerors shall submit electronic spreadsheet files (Workbooks) in MS Excel 2013 compatible format. Offerors shall submit Workbooks in a format that includes all formulas, functions, macros, computations, or equations used to compute the proposed amounts. There can be no cell references to data or files, which are not included in the Price Volume. For each Workbook, all Rows, Columns, Cells and Worksheets must be Visible (object. Visible=True). Zero height/Zero width rows/columns in Worksheets are not acceptable. Worksheet cells formatted with the Fill color equal to the Font color are unacceptable. If Workbooks or Worksheets are password protected, then the Offerors shall provide password(s). Print image files or pictures (for example a picture of an Excel spreadsheet embedded in a word document) or files containing only values are not acceptable. Offerors shall provide supporting narratives in MS Excel or MS Word 2013 compatible format. Text or spreadsheets used as supporting rationale may not be included as a picture.

L.4.2.2 Table of Contents:
The Offeror shall provide a Table of Contents showing each file submitted as a part of the L.4.2 Volume 3, Price Factor with a short description of the contents of the file. Each of these entries in the Table of Contents shall be hyperlinked to the respective files.

L.4.2.3 Attachment 0018 - Pricing Spreadsheet:
The offeror shall submit its completed Attachment 0018 - Pricing Spreadsheet. The Offeror shall complete the attachment in accordance with the instructions included within the attachment. The Government will not consider partial proposals.

L.4.2.4 Top-Level Spreadsheets:
For each B-Kit and Underbody Armor Kit, the Offeror shall provide a top-level spreadsheet, time-phased by year, and organized by cost element (i.e. Direct Labor Hours, Direct Labor Rates, Direct Labor Costs, Subcontracts, Material, Other Direct Costs, Overhead/Indirect rates, Overhead/Indirect costs, Profit, etc) that supports the proposed unit price. The proposed unit price for the B-Kit and Underbody Armor Kit, in the top-level spreadsheet shall equal the proposed unit price included in Attachment 0018 - Pricing Spreadsheet.

For each labor category, the top-level spreadsheet shall include formulas showing the calculation of direct labor dollars from the direct labor hours and direct labor rates. In addition, for each indirect cost category, the top-level spreadsheet shall include formulas showing the calculation of the indirect cost from the base and indirect rates. The cost breakdown must be consistent with your cost accounting system. Provide the following information in support of each top-level spreadsheet:

L.4.2.4.1 Direct Labor:
Support for costs related to direct labor shall include the following:

(a) An annual time-phased breakout of the direct labor hours, by labor category, appropriate to the Offeror’s accounting system.

(b) A description of each labor hour category. This description shall include sufficient information to allow the reader to distinguish between the different labor categories used in the proposal.

(c) For each labor category, provide the proposed direct labor rate by year, and include the basis for the rates and any escalation used.

L.4.2.4.2 Subcontracts:
For each subcontract, the Offeror shall provide the subcontractors name, the proposed subcontract cost, a brief description of work to be performed, the contract type, and the method used for determining the prices fair and reasonable.

L.4.2.4.3 Material:
For all material, the Offeror shall provide a narrative, which explains the method used to develop proposed cost, including information about the extent to which the cost is based on vendor quotes, purchase order history, estimates, or any other information necessary to substantiate the proposal.

The Offeror shall provide a complete Bill of Material (BOM) with the following information:

(1) National Stock Number (NSN), as applicable
(2) Part Number
(3) Item Name/Description
(4) Vendor
(5) Unit Cost (purchase price to Offeror)
L.4.2.4.4 Other Direct Costs (ODCs):

The Offeror shall identify each category of proposed ODC, and provide the proposed cost for each category. Provide an explanation of what is included in each category and how the cost was estimated.

L.4.2.4.5 Rates:

Provide a list of the direct and indirect rates, by category and by year, used in the development of the proposal. Support for the proposed direct and indirect rates shall include the following:

a. The ending month for the Offeror's fiscal year;
b. A narrative explaining the basis for the proposed direct and indirect rates (including whether they represent a Forward Pricing Rate Proposal, Forward Pricing Rate Recommendation, or Forward Pricing Rate Agreement), specifically identifying any escalation factors used;
c. For each of the indirect rate categories, provide the Incurred Cost rates for the current and prior two fiscal years. Indicate if prior year rates have been audited. For the current year’s Incurred Cost rates, provide the month ending for those rates.

L.4.2.4.6 Facilities Capital Cost of Money (FCCM):

The Offeror shall state the total amount estimated for FCCM by category and by year, if applicable. For each FCCM category, include a formula showing the calculation of FCCM from the base and the FCCM rate.

L.4.2.4.7 Profit:

The Offeror shall identify the proposed profit rate, as applicable, and the total dollar amount included.

L.4.2.5 Top Level Spreadsheets:

For each Underbody Counterweight Kit, 58-Gallon Fuel Tank Fire Suppression (FTFS), and Kit 78-Gallon FTFS Kit, the offeror shall provide a top-level spreadsheet, time-phased by year, and organized by cost element (i.e. Direct Labor Hours, Direct Labor Rates, Direct Labor Costs, Subcontracts, Material, Other Direct Costs, Overhead/Indirect rates, Overhead/Indirect costs, Profit, etc) that supports the proposed unit price. The proposed unit price for the Underbody Counterweight Kit, 58-Gallon FTFS Kit, and the 78-Gallon FTFS Kit in the top-level spreadsheet shall equal the proposed unit price included in Attachment 0015 - Pricing Spreadsheet. Provide the following information in support of each top-level spreadsheet:

L.4.2.5.1 Material:

For all material, the Offeror shall provide a narrative, which explains the method used to develop proposed cost, including information about the extent to which the cost is based on vendor quotes, purchase order history, estimates, or any other information necessary to substantiate the proposal.

The Offeror shall provide a complete Bill of Material (BOM) with the following information:

1. National Stock Number (NSN), as applicable
2. Part Number
3. Item Name/Description
4. Vendor
5. Unit Cost (purchase price to Offeror)
6. Quantity used
7. Extended Cost (unit cost multiplied by quantity used)
8. Basis for cost (engineering estimate, vendor quote, purchase history, etc.)
9. For material and subcontract costs based on engineering estimates, please provide rationale and methodology for how the estimate was developed
10. Indicate whether component is sole-source, competitive, or commercial

L.4.2.5.2 Profit:

The Offeror shall identify the proposed profit rate, as applicable, and the total dollar amount included.
L.4.2.6 For each ISO Container, Tricon II Container, Special Packaging for B- Kits, Pre-Production Kit for Inspection, Pre-Production Kit Install, CFAT and PPAP, the offeror shall provide its proposed unit price in Attachment 0018 - Pricing Spreadsheet.

L.4.2.7 Proposal Structure and Instructions. The Government does not intend for the instructions contained within L.4 to be all-inclusive. An Offeror may submit any other price and financial information it considers helpful in the evaluation of the price proposal.

L.4.2.8 DCMA and DCAA Information:

The Offeror shall provide the address, email, and telephone number of the cognizant DCAA Field Audit Office and the cognizant Defense Contract Management Agency (DCMA) office, if available.

L.4.2.9 Contract Deliveries: For proposal preparation and evaluation purposes, assume the delivery requirements in accordance with Section F of the contract.

L.4.2.9.1 The Government will award a single five-year IDIQ contract. The estimated ordering quantities for each FMTV Armor Protection Kit and corresponding Ordering Year are described in section B.

L.4.2.10 In accordance with FAR 15.306, the Government reserves the right to request additional or more detailed information to support its evaluation of the price in addition to the information requested in this Section L.

*** END OF NARRATIVE L0001 ***
### SECTION M - EVALUATION FACTORS FOR AWARD

<table>
<thead>
<tr>
<th>Regulatory Cite</th>
<th>Title</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-1</td>
<td>52.247-50</td>
<td>NO EVALUATION OF TRANSPORTATION COSTS</td>
</tr>
<tr>
<td>M-2</td>
<td>52.209-4011</td>
<td>CONTRACTOR RESPONSIBILITY AND ELIGIBILITY FOR AWARD</td>
</tr>
<tr>
<td></td>
<td>(TACOM)</td>
<td></td>
</tr>
</tbody>
</table>

(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, and

(2) submits a bid or proposal that meets all the material requirements of this solicitation, and

(3) meets all the responsibility criteria at FAR 9.104.

(b) To make sure that an offeror meets the responsibility criteria at FAR 9.104 the Government may:

(1) arrange a visit to the offeror's 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 offeror's facility, the Government may determine the offeror to be nonresponsible.

(d) If the Government visits the offeror's facility, please make sure that current certified financial statements and other data relevant to the bid or proposal available for Government personnel to review.

(End of Provision)

#### M.1 Basis of Award

M.1.1 General. As a result of this solicitation, the Government plans to award, on a Small Business Set Aside basis, one Firm-Fixed Price Indefinite Delivery Indefinite Quantity (IDIQ) contract for FMTV Armor Protection Kits subject to the provisions contained herein. The Government will select for award the proposal, which best represents the best value to the Government as described below:

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 Selection of the proposal, which is most advantageous and represents the best value to the Government, will be determined on a best value source selection trade-off basis from offeror proposals.

M.1.1.3 Award will only be made to an offeror who is eligible for award. To be eligible for award:

a. The offeror must be determined responsible (see M.3.5); and
b. The offerors proposal shall not be assessed with any Deficiency(ies) (per FAR Part 15.001); and
   c. The offeror must have a Final Facility Clearance (FCL); and the ability to receive, view, house and safeguard SECRET materials; and
   d. The offeror shall be registered in the System for Award Management (SAM) - see clause 52.204-7.

M.1.2 Importance of Price

Award will be made to the offeror whose proposal (1) is otherwise eligible for award under M.1.1.3, and (2) represents the best value to the Government. This may not be 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.2 Rejection of Offers

Offerors shall carefully read, understand, and provide all the information requested in the Proposal Preparation Instructions and Content contained in Section L. In accordance with clause FAR 52.215-1 contained in this solicitation, the Government may reject any or all proposals if such action is in the Government’s interests. The circumstances, which may lead to the rejection of a proposal, include, but are not limited to, the following:

(a) The proposal fails to meaningfully respond to the Proposal Preparation Instructions specified in Section L of this solicitation. Examples of failure to meaningfully respond include:
   (1) 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.
   (2) A proposal fails to provide any of the data and information required in Section L.
   (3) A proposal merely repeats the contract statement of work without elaboration.
(b) The proposal contains unbalanced pricing as defined in Clause 52.215-1 and paragraph M.4.2.3. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly over or understated as indicated by the application of cost or price analysis techniques.
(c) The proposal offers a product or service that does not meet all stated material requirements of the solicitation.
(d) The Offeror proposes exceptions to the attachments, exhibits, enclosures, or other RFP terms and conditions.
(e) The Offeror fails to provide a copy of the Offerors current Facility Clearance as defined in L.1.3.
(f) The proposal contains one or more Organizational Conflicts of Interest (OCIs) that cannot be avoided or mitigated. Refer to Section L paragraph L.2.5 of this solicitation, "Organizational Conflict of Interest."
(g) The proposal price is unreasonable
(h) The proposal proposes exceptions to the attachments, exhibits, enclosures, or other RFP terms and conditions.
(i) The offeror failed to obtain the classified specification of the Armor Kit specifications, IAW Attachment 0012, ATPD 2352T.

M.3 Evaluation and Source Selection Process

M.3.1 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.3.2 Source Selection Authority (SSA)

The SSA is the official designated to direct the source selection process and select the Offeror for contract award.

M.3.3 Source Selection Evaluation Board (SSEB)

The Government has established a SSEB to evaluate proposals in response to this solicitation. The SSEB is comprised of technically qualified individuals who the Government has selected to conduct an evaluation in accordance with the evaluation criteria listed for this solicitation. The SSEB will give careful, full, and impartial consideration to all proposals received in response to this solicitation.

M.3.4 Award Without Discussions

This RFP includes FAR Provision 52.215-1 Instructions to Offerors Competitive Acquisition in Section L 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). 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), the Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary. If the Contracting Officer 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
Contracting Officer 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.3.5 Determination of Responsibility

Per FAR 9.103, the Government will place a contract only with an Offeror that the Contracting Officer determines to be responsible or
refer the matter to the SBA 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. The prospective Offeror must be able to demonstrate that
they have a Final Facility Clearance and the ability to receive, view, house and safeguard SECRET materials in order to be deemed
responsible, per L.1.3. As a part of this determination, the Contracting Officer 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 Contracting Officer in the
evaluation of each Offeror's proposal and ensure a selected Offeror is responsible.

To verify an Offeror meets the responsibility criteria at FAR 9.104, 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 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; or

(c) request an Offeror provide substantiating documentation supporting its Facility Clearance including the ability to receive,
view, house and safeguard SECRET materials.

M.4 Evaluation Factors

The Government will assess each Offeror in two factors: (1) Past Performance and (2) Price.

a. Past Performance (M.4.1)

b. Price (M.4.2)

The relative of importance of the evaluation factors is: Past Performance is significantly more important than Price. The non-Price
Factors, when combined, are significantly more important than the Price Factor.

M.4.1 Past Performance Factor (Factor 1)

The Offerors Past Performance Volume will be evaluated utilizing three(3) considerations:

i. Building or Assembling Protection Kits to a Government Technical Data Package (TDP) for Military Vehicles that includes both

   Transparent and Opaque Armor and;

ii. Building or Assembling of Protection Kits to include Transparent and Opaque Armor at a rate of 40 kits per month and;

  iii. Provide similar or like packaging of Protection Kits in accordance with a Government TDP

M.4.1.1 The Past Performance Factor will assess the expectation that the Offeror will successfully perform the required effort based on
recent and relevant past contract performance information relevant to the requirements listed in L.4.1.1(b). This assessment will
result in the application of a Confidence Rating.

M.4.1.2 Contracts submitted in the Past Performance volume of the Offeror’s proposal will not be considered if the Government
determines them to be not recent, not relevant, or where past contract performance information cannot be obtained (i.e. past performance
questionnaire, FPIRS, other internal government or private sources). The Government will also not consider any contracts submitted where
provided past contract performance information is from a source which is an affiliate of the Offeror. Failure to provide recent and
relevant Contract(s) performed by the Offeror as the prime may result in a decreased relevancy and confidence rating.

M.4.1.3 The Offeror may also be evaluated on the Offeror's past contract performance based on internal Government or private source
information, to include the Past Performance Information Retrieval System (FPIRS), Contractor Performance Assessment Reporting System
(CPARS), and any other available Government resources.

M.4.1.4 The Past Performance Factor assessment will result in a Confidence Rating. Offerors without a record of recent and relevant past
contract performance information, upon which to base a meaningful confidence assessment, will be rated as "Neutral Confidence", which is
neither favorable nor unfavorable.

M.4.2 Price Factor (Factor 2)

M.4.2.1 The Price Factor evaluation will consider the Total Evaluated Price to the Government. The Government will evaluate whether or not the offerors proposed price is reasonable. A price is reasonable if, in its nature and amount, it does not exceed that which would be incurred by a prudent person in the conduct of competitive business. The Government may make a determination of reasonableness by any means allowable under FAR 15.404-1(b).

M.4.2.2 Total Evaluated Price: The Total Evaluated Price shall equal the sum of the proposed prices for all CLINs, as calculated in Attachment 0018, Pricing Spreadsheet.

Note: The Total Evaluated Price will not include the proposed price related to the First Article Test if the offeror submits a First Article Waiver Worksheet, and the Government approves a First Article Test Waiver. Offerors proposals shall include a price for First Article test regardless if they are seeking a First Article waiver or not.

M.4.2.3 Unbalanced Pricing.

Offerors should note that the Government will carefully review pricing to detect proposals that are unbalanced. Unbalanced pricing exists when, despite an acceptable Total Evaluated Price, the price of one or more contract line items or periods is significantly over or understated as indicated by the application of cost or price analysis techniques. Unbalanced offers may be determined unacceptable. See FAR 15.404-1(g) for more information on unbalanced offers.

*** END OF NARRATIVE M0001 ***
### Contract Data Requirement List

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.

<table>
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<th>D. SYSTEM/ITEM: FMTV PROTECTION KITS</th>
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<td>E. CONTRACT/PR NO.: W56HZV-17-R-0106</td>
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F. CONTRACTOR:

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<td>3. SUBTITLE:</td>
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<td>4. AUTHORITY: DI-ADMN-81249B (T) and DI-ADMN-81505(T)</td>
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<td>B. COPIES: DRAFT: FINAL: REG REPRO:</td>
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<td>15. TOTAL COPIES:</td>
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<td>16. REMARKS:</td>
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</tbody>
</table>

**Block 4 - DI-ADMN-81505 Tailored:** Paragraph 10.2.1 Pertinent Information: Identify Name of Presenters; PARA 10.2.1.2 d Include email and phone; Para 10.4 media requirements MS Office Products (Combination of MS Word, Excel and Powerpoint). DI-ADMN-81505A Tailored: Paragraph 10.4 Deleted. File names will start with the functional area responsible for the delivery (e.g. LOG SOWM, PSMIPT). All deliveries shall be in MS Office format.

**Block 8 - Deliverable** will be reviewed for technical content and format. If deliverable is not approved, the contractor shall make appropriate corrections and resubmit within 5 days.

**Block 9** The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to the Product Director Medium Tactical Vehicles (PD MTV).

**Blocks 10 - AS REQ.**

**Block 12 - No later than 7 days prior to the commencement of the meeting, conference, audit, review, or event, the Contractor shall submit a written meeting agenda and read ahead in Microsoft Word. All minutes shall be submitted 7 days following completion of the conference. The Government requires 3 days to review and comment. The Contractor shall submit final minutes, with Government comments incorporated, within 3 days of receipt of Government comments.**

**Block 14** Submission shall be uploaded into Windchill

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<tr>
<td>18. ESTIMATED TOTAL PRICE:</td>
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G. PREPARED BY: Erik Gorham

H: DATE:

I: APPROVED BY:
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.:  
D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT: A  
E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:
TDP ___ X ___ TM ____ OTHER ____

F. CONTRACTOR: TBD

---

1. DATA ITEM NO: C001
2. TITLE: ENGINEERING CHANGE PROPOSALS (ECP)
3. SUBTITLE: ECP
4. AUTHORITY: DI-SESS-80639(T), DI-SESS-80642
5. CONTRACT REFERENCE: C.2.3.2 Engineering Change Proposals (ECPs)
6. REQUIRING OFFICE: SPAE-CSS-TS-M  
7. DD250 REQ: LT
8. APP CODE: A  
9. DIST. STATEMENT REQ: D
10. FREQUENCY: ASREQ  
11. AS OF DATE: ASREQ
12. DATE OF FIRST SUBMISSION: ASREQ
13. DATE OF SUBS. SUBMISSION: ASREQ
14. DISTRIBUTION: WINDCHILL

A. ADDRESSEE:
B. COPIES:
DRAFT:  
FINAL:  
REG REPRO:  
15. TOTAL COPIES:  
16. REMARKS:

Block 4 - DID DI-SESS-80639 SHALL BE TAILORED AS follows:
1. \^\.USES, RELATIONSHIPS: Data Item Submittal - Delete paragraph
2. FORMAT AND CONTENT: Delete first sentence.

The Contractor shall prepare Engineering Change Proposals (ECP) in accordance with paragraphs listed in Block 5 and the forms and instructions in Attachment 0007, Instructions for Preparing ECP Forms. The Contractor shall prepare and include one Notice or Revision (NOR) or redline for each affected drawing and Specification Change Notice (SCN) when the proposed change affects the performance specifications for FMTV.

The Contractor shall submit as part of the ECP package, redlines, proposed drawings, 3D Creo Parametric solid models, impact statements addressing effects of production, fielding, retrofit, spare/repair parts, fielded FMTV Protection Kit configurations, performance, manufacturing, quality, reliability, availability, maintainability, MANPRINT, Logistics, Safety, transportability, and cost. The Contractor shall submit directly to Windchill for Government CCB action.

The Contractor shall prepare Engineering Change Proposals (ECP) in accordance with paragraphs listed in Block 5 and the forms and instructions in Attachment 0007, Instructions for Preparing ECP Forms. The Contractor shall prepare and include one Notice or Revision (NOR) or redline for each affected drawing and Specification Change Notice (SCN) when the proposed change affects the performance specifications for FMTV Protection Kits.

The Contractor shall submit as part of the ECP package, redlines, proposed drawings, 3D Creo Parametric solid models, impact statements addressing effects of production, fielding, retrofit, spare/repair parts, fielded A0/A1/A1R/A1P2/A2 configurations, performance, manufacturing, quality, reliability, availability, maintainability, MANPRINT, Logistics, Safety, transportability, and cost. The Contractor shall submit directly to Windchill for Government CCB action.
Block 9  The following information shall be included on the deliverable: DISTRIBUTION STATEMENT D: Distribution authorized to Department of Defense and U.S. DOD Contractors only; administrative or operational use; date of document creation.

Export Control Warning: WARNING - This document 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 (Title 50, U.S.C., App. 2401 et seq.), as amended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

Other requests for this document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).

Block 13 The Contractor shall submit subsequent revisions in Windchill as required for Government approval.

Block 14 All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY:
H: DATE:
I: APPROVED BY:
J: DATE:

PAGE 2 OF 2

DD FORM 1423, FEB 2001

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.:           D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT: A                        E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:
TDP __X__ TM ____ OTHER ____      _
F. CONTRACTOR: TBD

1. DATA ITEM NO: C002
2. TITLE: REQUEST FOR VARIANCE (RFV)
3. SUBTITLE: RFV
4. AUTHORITY: DI-SESS-80640D(T), DI-SESS-80642D
5. CONTRACT REFERENCE: C.2.3.4 Request for Variance (RFV).
8. APP CODE: A                          9. DIST. STATEMENT REQ: D
10. FREQUENCY: AS REQ                    11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: AS REQ
13. DATE OF SUBS. SUBMISSION: AS REQ
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:
B. COPIES:
DRAFT:
FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 4 - DID DI-SESS-80640 shall be tailored as follows:
1. \*USES, RELATIONSHIP: Delete paragraph Data Item Submittal
2. FORMAT AND CONTENT: Delete first sentence.

The Contractor shall prepare Request for Variances (RFV) in accordance with the paragraphs in Block 5 and Attachment 0008, Instructions for Preparing RFV Forms. The Contractor shall submit as part of the RFV package electronic files marked prints, to condition drawings, 3D Creo Parametric solid models, and sufficient cost data to support contract negotiation.

Contractor shall electronically submit the entire RFV package to Windchill in accordance with C002, Request for Variance for Government CCB action. The Contractor shall load the information into Windchill with applicable CSAER metadata for each RFV at the time of submission for Government review.

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT D: Distribution authorized to Department of Defense and U.S. DOD Contractors only; information may contain proprietary information; date of document creation. Other requests for this document shall be referred to Program Director Medium Tactical Vehicles (PD MTV).

Export Control Warning: WARNING - This document 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 (Title 50, U.S.C., App. 2401 et seq.), as amended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

Block 13 The Contractor shall submit subsequent revisions in Windchill as required for Government approval.

Block 14 All CDRL submissions shall be uploaded into Windchill by electronic delivery.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE: ________________________________

G. PREPARED BY: ________________________________
H: DATE: ________________________________
I: APPROVED BY: ________________________________
J: DATE: ________________________________

PAGE 2 OF 2

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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.: C003
B. EXHIBIT: A
C. CATEGORY: TDF ___ TM ___ OTHER ___X__
D. SYSTEM/ITEM: FMTV PROTECTION KITS
E. CONTRACT/PR NO.: W56HZV-17-R-0106

F. CONTRACTOR: TBD

1. DATA ITEM NO: C003
2. TITLE: Physical Configuration Audit (PCA) Plan
3. SUBTITLE: PCA Plan
4. AUTHORITY: DI-SESS-81646C
5. CONTRACT REFERENCE: C.2. 4
6. REQUIRING OFFICE: SPAE-CSS-TS-M
7. DD250 REQ: LT
8. APP CODE: A
9. DIST. STATEMENT REQ: C
10. FREQUENCY: AS REQ
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBS. SUBMISSION: AS REQ
14. DISTRIBUTION: WINDCHILL

A. ADDRESSEE: ________________________________
B. COPIES:
DRAFT: ________________________________
FINAL: ________________________________
Block 4 In addition to the DID, SAE EIA-649-1 may be used as guidance only.

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).

Block 12 The Contractor shall prepare and submit the PCA Plan in accordance with C. C.2.4.

Block 13 The Contractor shall submit subsequent revisions in Windchill as required for Government approval.

Block 14 The Contractor shall upload all CDRL submissions into Windchill electronically.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

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G. PREPARED BY:
H. DATE:
I. APPROVED BY:
J. DATE:

PAGE 2 OF 2

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DD FORM 1423, FEB 2001

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.:           D. SYSTEM/ITEM:  FMTV PROTECTION KITS
B. EXHIBIT: A                        E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:                          F. CONTRACTOR: TBD
TDP ____ TM ____ OTHER __X__

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1. DATA ITEM NO:  C004
2. TITLE: Subcontractor Flowdown Plan
3. SUBTITLE: Technical Report Study/Services
4. AUTHORITY: DI-MISC-80508B           5. CONTRACT REFERENCE: C.2.2, C.2.4.3, C.2.4.6
8. APP CODE: A                          9. DIST. STATEMENT REQ: C
10. FREQUENCY: AS REQ                   11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 60 DAC
13. DATE OF SUBS. SUBMISSION: AS REQ
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:
B. COPIES:
DRAFT:
FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 4 The Contractor shall provide the Government with a copy of the Contractors plan and procedure for implementing contract requirements on its Subcontractors IAW with C.2.5.2 and below. The Contractor shall use the format of their choice (e.g. Microsoft Word or Adobe Acrobat).
The plan shall address how the Contractor imposes contract requirements on its Subcontractors through subcontracting and production part purchase orders. The plan shall address how the Subcontractor informs the Contractor of potential changes and includes the Contractor in the Subcontractors change process. The Contractors plan shall address monitoring of the Subcontractors configuration management, information technology, and quality process.

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to the Program Director Medium Tactical Vehicles (PD MTV).

Block 12 The Subcontractor Flowdown Plan is to be submitted 60DAC.

Block 13 The Contractor shall submit subsequent revisions in Windchill as required for Government approval.

Block 14 The Contractor shall upload all CDRL submissions into Windchill electronically.

17. PRICE GROUP: _______________________________  
18. ESTIMATED TOTAL PRICE: _______________________________ 

G. PREPARED BY: _______________________________  
H: DATE: _______________________________  
I: APPROVED BY: _______________________________  
J: DATE: _______________________________

PAGE 1 OF 1
16. REMARKS:

Block 8: Deliverable will be reviewed for technical content and format. If deliverable is not approved, the Contractor shall make appropriate corrections and resubmit within 15 days from disapproval notice.

Block 9: The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to the Product Director Medium Tactical Vehicles (PD MTV).

Block 12: The Contractor shall submit the PSPP at the Start of Work Meeting.

Block 13: The Contractor shall provide updates to the PS Plan within one business day of determining an issue. The Contractor shall make required updates to the PSPP capturing all changes identified during program events.

Block 14: Delivery will be loaded in Windchill.

17. PRICE GROUP: IV
18. ESTIMATED TOTAL PRICE:

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G. PREPARED BY: Ernest Eiler
H: DATE: 26 May 2017
I: APPROVED BY: 
J: DATE: 
PAGE 1 OF 1

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.: 
B. EXHIBIT: 
C. CATEGORY: TDP ____ TM ____ OTHER _X___
D. SYSTEM/ITEM: FMTV PROTECTION KITS
E. CONTRACT/PR NO.: W56HZV-17-R-0106

1. DATA ITEM NO: C006
2. TITLE: Product Support Package (PSP)
3. SUBTITLE:
4. AUTHORITY: DI-MISC-80508B (T)
5. CONTRACT REFERENCE: C.3.3
6. REQUIRING OFFICE: SFAE-CS-TS-M
7. DD250 REQ: LT
8. APP CODE: A
9. DIST. STATEMENT REQ: C
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: See Block 16

A. ADDRESSEE:  
B. COPIES: 
C. DRAFT: FINISHING:  
D. REG REPRO: 
15. TOTAL COPIES: 
16. REMARKS:  

Block 4 tailored: DI-MISC-80508B (Tailoring) Delete Requirements: Paragraph 2 in its entirety. All submissions shall be prepared and delivered in an editable MS Office file.

Block 8: Deliverable will be reviewed for technical content and format. If deliverable is not approved, the contractor shall make appropriate corrections and resubmit within 24 hours from the disapproval notice.

Block 12 - The Contractor shall deliver the PSP to the test site 14 days before the start of the program event.

Block 10/13 - Contractor shall make required updates to the PSP capturing changes identified during the test or program event.

Block 14 Submission of PSP will be documented in a signed memorandum and the Contractor shall upload the memorandum into Windchill.

17. PRICE GROUP: IV
18. ESTIMATED TOTAL PRICE: -----------------------------
G. PREPARED BY: Ernest Eiler
H: DATE: 26 May 2017
I: APPROVED BY: 
J: DATE: 
PAGE 1 OF 1
Block 4 Tailored All submissions shall be prepared and delivered in an editable MS Office Suite file format (MS Word, MS Excel).

Block 8 The Government will review the deliverable for technical content and format. If the Government does not approve the deliverable, the Contractor shall make appropriate corrections and resubmit within 30 days from notification of disapproval.

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to the Product Director Medium Tactical Vehicles (PD MTV).

Block 12 Initial draft at the start of work meeting.

Block 13 Final plan is due 30 days after the start of work meeting. The Contractor shall submit IUID Marking Plan modifications in Microsoft Word within 14 days of the identification of a required change.

Block 14 Delivery will be loaded in Windchill

17. PRICE GROUP: IV
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: Ernest Eiler
H: DATE: 26 May 2017
I: APPROVED BY:
J: DATE:

DD FORM 1423, FEB 2001

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.: D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT: E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY: F. CONTRACTOR: TBD
TDF _____ TM _____ OTHER _X___

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1. DATA ITEM NO: D002
2. TITLE: IUID Candidate List
3. SUBTITLE:
4. AUTHORITY: DI-MISC-80508B (T)
5. CONTRACT REFERENCE: D.5.2.2.1
6. REQUIRING OFFICE: SFAE-CS-TS-M
7. DD250 REQ: LT
8. APP CODE: A
9. DIST. STATEMENT REQ: C
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: See Block 16
A. ADDRESSEE:
B. COPIES:
DRAFT: FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 4: DI-MISC-80508B (T) Delete Requirements: Paragraph 2 in its entirety. The list shall be in a MS Office format. In addition to DID; the list shall include the following: all end items, kits and components deemed to require either serialization or unique item level traceability; Vehicles, engines, transmissions, axles, and cranes shall be included in the IUID candidate item list; For each candidate item, the manufacturer CAGE, part number, nomenclature, approximate unit price, whether the item can be marked with a label or data plate or not, and the reason for the recommendation for unique identification shall be provided by the Contractor.

Block 8: The Government will review the deliverable for technical content and format. If the Government does not approve the deliverable, the Contractor shall make appropriate corrections and resubmit within 30 days from notification of disapproval.

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to the Product Director Medium Tactical Vehicles (PD MTV).

Block 12: The Contractor shall submit the IUID Candidate List at the start of work meeting.

Block 10/13: The Contractor shall update the IUID list if any additional items are identified.

Block 14: Delivery will be loaded in Windchill

17. PRICE GROUP: IV
18. ESTIMATED TOTAL PRICE: - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

G. PREPARED BY: Ernest Eiler
H: DATE: 26 May 2017
I: APPROVED BY:
J: DATE: 

PAGE 1 OF 1

17. PRICE GROUP: IV
18. ESTIMATED TOTAL PRICE: - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.:           D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT:                                             E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY: TDF ___ TM ___ OTHER ___X___
F. CONTRACTOR: TBD

1. DATA ITEM NO: D003
2. TITLE: IUID Validation and Verification Report
3. SUBTITLE:
4. AUTHORITY: DI-MGMT-81804A(T)
5. CONTRACT REFERENCE: D.5.2.5
6. REQUIRING OFFICE: SFAE-CS-TS-M
7. DD250 REQ: LT
8. APP CODE: A
9. DIST. STATEMENT REQ: C
10. FREQUENCY: MONTHLY
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16
14. DISTRIBUTION: See Block 16
   A. ADDRESSEE:
   B. COPIES:
   DRAFT:
   FINAL:
   REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 4: Tailored: The summary report shall be in an editable MS Office file in Contractor format.

Block 8: Deliverable will be reviewed for technical content and format. If deliverable is not approved, the Contractor shall make appropriate corrections and resubmit within 30 days from disapproval notification.

Block 9: The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to the Product Director Medium Tactical Vehicles (PD MTV).

Block 12: First submission due at end of month first kit is produced.

Block 14: Delivery will be loaded in Windchill

17. PRICE GROUP: IV
18. ESTIMATED TOTAL PRICE: 

G. PREPARED BY: Ernest Eiler
H: DATE: 26 May 2017
I: APPROVED BY:
J: DATE:
DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.: D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT: E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY: TDP ___ TM ___ OTHER _X___
F. CONTRACTOR: TBD

1. DATA ITEM NO: E001
2. TITLE: QMS Manual and Revisions
3. SUBTITLE:
4. AUTHORITY: DI-QCIC-81722 5. CONTRACT REFERENCE: E.1.1
6. REQUIRING OFFICE: SPAE-CSS-TS-M 7. DD250 REQ: NO
8. APP CODE: A 9. DIST. STATEMENT REQ: C
10. FREQUENCY: ONE/R 11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 20 DACA
13. DATE OF SUBS. SUBMISSION: AS REQUIRED
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:
B. COPIES:
DRAFT: FINAL: REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).

Block 12 The initial submission of the QMS Manual in Contractor format shall be submitted 20 working days after contract award for Government approval.

Block 13 The Contractor shall submit subsequent manual revisions in Contractor format as required for Government approval.

Block 14 All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: Nora Iversen
H: DATE: 13 March 17
I: APPROVED BY:
J: DATE:

PAGE 1 OF 1

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.:             D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT:                            E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:
TDF ____ TM ____ OTHER _X___
F. CONTRACTOR: TBD

1. DATA ITEM NO: E002
2. TITLE: LIST OF DFMEAs AND PFMEAs
3. SUBTITLE:
4. AUTHORITY: S. CONTRACT REFERENCE: E.1.4.1
6. REQUIRING OFFICE: SFAE-CSS-TS-M 7. DD250 REQ: NO
8. APP CODE: N/A 9. DIST. STATEMENT REQ: C
10. FREQUENCY: ONE/R 11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 30 DACA
13. DATE OF SUBS. SUBMISSION: AS REQUIRED
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:
B. COPIES:
DRAFT:
FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 9  The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).

Block 12  The initial submission of the list of DFMEAs and PFMEAs in Contractor format shall be submitted 30 working days after contract award for Government approval.

Block 13  The Contractor shall submit subsequent list revisions in Contractor format as required for Government approval.

Block 14  All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: Nora Iversen
H: DATE: 16 March 17
I: APPROVED BY:
J: DATE:

PAGE 1 OF 1

DD FORM 1423, FEB 2001

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completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT: E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY: TBD

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1. DATA ITEM NO: E003
2. TITLE: List Of Production Parts from Outside the US
3. SUBTITLE: TDP ENGINEERING DRAWING NUMBER
4. AUTHORITY: DI-SESS-81359B
5. CONTRACT REFERENCE: E.1.10
6. REQUIRING OFFICE: SPAE-CSS-TS-M
7. DD250 REQ: NO
8. APP CODE: N/A
9. DIST. STATEMENT REQ: C
10. FREQUENCY: ONE/P 11. AS OF DATE:
12. DATE OF FIRST SUBMISSION: WITHIN 90 DACA
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16
14. DISTRIBUTION: WINDCHILL

A. ADDRESSEE:
B. COPIES:
DRAFT:
FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; information may contain proprietary information; date of document creation. Other requests for this document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).

Block 12 The Contractor shall submit a List of Production Parts from Outside the US in Microsoft Excel format within 90 working days after contract award. The spreadsheet shall contain the following information: the part numbers; part names; the type of part (forging, casting, electronic part, or elastomeric part; Supplier Name; Country of Origin.

Block 13 The Contractor shall submit specific changes to this list within 30 working days of the change occurrence.

Block 14 All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: Nora Iversen
H: DATE: 16 March 17
I: APPROVED BY:
J: DATE:

PAGE 2 OF 2

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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C. CATEGORY:
TDP ____ TM ____ OTHER __X__

F. CONTRACTOR: TBD

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1. DATA ITEM NO: E004
2. TITLE: FAT and CFAT Information
3. SUBTITLE: Plan and Report
4. AUTHORITY: DI-NDTI-80566A & DI-NDTI-80809B
5. CONTRACT REFERENCE: E.1.12
6. REQUIRING OFFICE: SPAE-CSS-TS-M
7. DD250 REQ: NO
8. APP CODE: A
9. DIST. STATEMENT REQ: C
10. FREQUENCY: ASGEN
11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: SEE BLOCK 16
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16
14. DISTRIBUTION: WINDCHILL

A. ADDRESSEE:
B. COPIES:
   DRAFT:
   FINAL:
   REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

---

**FAT OR CFAT PLAN:**

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).

Block 12 The initial submission of the FAT or CFAT Plan in Contractor format shall be submitted within 90 calendar days after contract award and 30 calendar days before the kitting process begins. The Government will review the FAT or CFAT Plan within 14 working days. If the Government disapproves the FAT or CFAT Plan, the Contractor shall resubmit corrections to the entire plan within 14 working days for Government approval.

Block 13 If conditions (specified in Section E, Paragraph Changes) evolve which deviate from the approved FAT or CFAT Plan, a revised FAT or CFAT Plan shall be submitted within 14 working days of the occurrence of the changed condition.

Block 14 All CDRL submissions shall be uploaded into Windchill.

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**FAT or CFAT Report:**

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; information may contain proprietary information. Other requests for this document shall be referred to the Contracting Officers Representative (COR).

Block 12 The initial submission of the FAT or CFAT Report in Contractor format shall be submitted within 90 working days after Government approval of the FAT or CFAT Plan. The Government will review the FAT or CFAT Report within 14 working days. If the Government disapproves the FAT or CFAT Report, the Contractor shall resubmit corrections to the entire report within 30 working days for Government approval.

Block 13 If conditions (specified in Section E, Paragraph Changes) evolve which deviate from the approved FAT or CFAT Plan, a revised FAT or CFAT Report shall be submitted within 60 working days of the occurrence of the changed condition.

Block 14 All CDRL submissions shall be uploaded into Windchill.

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17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

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G. PREPARED BY: Nora Iversen
H: DATE: 15 March 17
I: APPROVED BY:
J: DATE:
The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).

Block 12
The Pre Production Kit PPAP Plan shall be submitted 30 working days before the packaging activity at the Contractor begins. The Plan shall be submitted in Contractor format and shall include numbers of personnel who shall record the data during the PPAP, the job titles of personnel, the facilities at the Contractor, a process flow diagram of the PPK PPAPs at the Contractors facility, and plans for achieving quality. The Contractor shall notify the Government no less than 14 calendar days prior to performing the PPK PPAP at the Contractor. The Contractor shall support the PPK PPAP at APG and a plan for this effort shall be submitted on this CDRL. The installation plan shall be submitted by the Contractor no less than 30 days prior to the PPK installation at APG. The plan shall show the proposed number and job titles of personnel, facilities and tools required, plans for achieving quality and a process flow diagram.

Block 14
All CDRL submissions shall be uploaded into Windchill.

Modifications to the PPK PPAPs

The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to U.S. Government agencies and their Contractors; information may contain proprietary information. Other requests for this document shall be referred to the Contracting Officers Representative (COR).

Block 12
The Contractor shall deliver the initial submission of a modification 15 working days after Government conditional approval or disapproval of either PPAP plan.
Block 13 The Contractor shall not proceed with the execution of either plan until Government approval is posted in Windchill.

Block 14 All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: Nora Iversen
H: DATE: 15 March 17
I: APPROVED BY:
J: DATE:

PAGE 1 OF 1

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.: D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT: E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:
TDF ___ TM ___ OTHER __x__
F. CONTRACTOR: TBD

1. DATA ITEM NO: E006
2. TITLE: LIST OF CRITICAL MANUFACTURING PROCESSES
3. SUBTITLE:
4. AUTHORITY: DI-SESS-81012E 5. CONTRACT REFERENCE: E.16.1
6. REQUIRING OFFICE: SPAWCSS-TS-M 7. DD250 REQ: YES
8. APP CODE: A 9. DIST. STATEMENT REQ: C
10. FREQUENCY: ONE/P 11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 30 DACA
13. DATE OF SUBS. SUBMISSION: AS REQUIRED
14. DISTRIBUTION: WINDCHILL

A. ADDRESSEE:
B. COPIES:
DRAFT:
FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).

Block 12 The initial submission of the List of Critical Manufacturing Processes shall be written in Microsoft Excel format and accompanied by a narrative in Microsoft Word format. In the narrative the Contractor shall discuss the critical nature of the listed manufacturing processes. The list and the narrative shall be submitted 60 working days after contract award for Government review.

Block 13 The Contractor shall submit subsequent lists and narrative modifications when required for Government review.

Block 14 All CDRL submissions shall be uploaded into Windchill.
17. PRICE GROUP:  
18. ESTIMATED TOTAL PRICE: 

G. PREPARED BY: Nora Iversen
H. DATE: 16 March 17
I: APPROVED BY:
J: DATE:

PAGE 1 OF 1

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.:               D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT:                              E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:   TDF _____ TM ____ OTHER _X___
F. CONTRACTOR: TBD

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1. DATA ITEM NO: E007
2. TITLE: ERROR PROOFING AUDITS AND CORRECTIVE ACTIONS
3. SUBTITLE: NAME OF THE PROCESS
4. AUTHORITY: DI-SESS-81923(T)  5. CONTRACT REFERENCE: E.1.17
6. REQUIRING OFFICE: SPAE-CSS-TS-M 7. DD250 REQ: NO
8. APP CODE: A 9. DIST. STATEMENT REQ: C
10. FREQUENCY: ONE/R 11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 30 DACA
13. DATE OF SUBS. SUBMISSION: AS REQUIRED
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:
B. COPIES:
DRAFT:
FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to the Contracting Officers Representative (COR).

Block 12 The Contractor shall complete the AIAG CQI-18 Error Proofing Audit for assembly, kitting, finishing, and or welding using the audit formats supplied in the CQI 18 Guide Book. The Contractor shall be responsible for submitting the CQI 18 Error Proofing Audits from their Subcontractor(s). All audits are due to the Government 30 working days after contract award.

Block 13 If an individual audit score is less than or equal to 75%, the Contractor shall submit corrective actions for Government approval within 30 working days after audit completion. A corrective action shall be executed for each deficient element disclosed by the Contractor and or Subcontractor(s) for audits with scores less than or equal to 75%. The Contractor shall submit corrective actions 30 working days after completion of the audit for Government disposition.

The Contractor shall obtain Government approval for Error-Proofing CARs. If the Government continues to disapprove the Contractors and or Subcontractors subsequent submissions, the Contractor shall continue to submit corrections in 7 day intervals until Government approval is obtained.
Block 14  All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: Nora Iversen
H: DATE: 20 March 17
I: APPROVED BY:
J: DATE:

DD FORM 1423, FEB 2001

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.:               D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT:                              E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:                             
TDP ___ TM ____ OTHER _X___
F. CONTRACTOR: TBD

1. DATA ITEM NO: E008
2. TITLE: Cost of Quality Process Behavior Charts
3. SUBTITLE: Process Behavior Charts
4. AUTHORITY: DID-MISC-80508B(T)      5. CONTRACT REFERENCE: E.1.18
6. REQUIRING OFFICE: SPAE-SSS-TS-M 7. DD250 REQ: NO
8. APP CODE: A 9. DIST. STATEMENT REQ: C
10. FREQUENCY: MTHLY AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 30 DACA
13. DATE OF SUBS. SUBMISSION: EVERY MONTH
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:
B. COPIES:
DRAFT:
FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to the Contracting Officers Representative (COR).

Block 12 The Contractor shall make the initial submission 30 days after contract award. The Government will have 10 days to review and provide comments to the Contractor. The contractor shall address and incorporate all Government comments and provide a revised report for approval within 20 days after receipt of Government comments.

Block 13 The Contractor shall make subsequent submissions monthly. Upon subsequent submissions, the Contractor shall make the subsequent submission(s) 30 days after the Government accepts the initial report. The Government will have 10 days to review and provide comments to the Contractor. The Contractor shall address and incorporate all Government comments and provide a revised report for approval within 20 days after receipt of Government comments.

Block 14 All CDRL submissions shall be uploaded into Windchill.
17. PRICE GROUP: 
18. ESTIMATED TOTAL PRICE: 

G. PREPARED BY: Nora Iversen 
H: DATE: 20 March 17 
I: APPROVED BY: 
J: DATE: 

PAGE 1 OF 1

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.: 
B. EXHIBIT: 
C. CATEGORY: 
TD____ TM__ OTHER _X___
D. SYSTEM/ITEM: FMTV PROTECTION KITS
E. CONTRACT/PR NO.: W56HZV-17-R-0106
F. CONTRACTOR: TBD

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1. DATA ITEM NO: E010
2. TITLE: LIST OF CRITICAL SAFETY ITEMS
3. SUBTITLE: TDP ENGINEERING DRAWING NUMBER
4. AUTHORITY: DI-SAFT-80970A 5. CONTRACT REFERENCE: E.1.28
6. REQUIRING OFFICE: SFAE-CSS-TS-M 7. DD250 REQ: NO
8. APP CODE: N/A 9. DIST. STATEMENT REQ: C
10. FREQUENCY: ONE/P 11. AS OF DATE: WITHIN 90 DACA
12. DATE OF FIRST SUBMISSION: 
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:
B. COPIES:
DRAFT:
FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; information may contain proprietary information; date of document creation. Other requests for this document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).

Block 12 The Contractor shall submit a List of Critical Safety Items in Microsoft Excel format within 90 working days of contract award.

Block 13 The Contractor shall submit specific critical safety item changes within 30 working days of the change occurrence.

Block 14 All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP: 
18. ESTIMATED TOTAL PRICE: 

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DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.:  
B. EXHIBIT:  
C. CATEGORY: TDF  
D. SYSTEM/ITEM: FMTV PROTECTION KITS  
E. CONTRACT/PR NO.: W56HZV-17-R-0106  
F. CONTRACTOR: TBD  

1. DATA ITEM NO: E011  
2. TITLE: Final Inspection Record (FIR) and Modifications  
3. SUBTITLE: FIR Date and Revision Number  
4. AUTHORITY: DI-QCIC-81068  
5. CONTRACT REFERENCE:  
6. REQUIRING OFFICE:  
7. DD250 REQ: NO  
8. APP CODE:  
9. DIST. STATEMENT REQ: C  
10. FREQUENCY: ONE/R  
11. AS OF DATE: N/A  
12. DATE OF FIRST SUBMISSION: 20 DADC  
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16  
14. DISTRIBUTION: WINDCHILL  

A. ADDRESSEE:  
B. COPIES:  
C. DRAFT:  
D. FINAL:  
E. REG REPRO:  
F. TOTAL COPIES:  
16. REMARKS:  

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Block 12 The initial submission of the FIR shall be in Microsoft Excel format and submitted 20 working days after award for Government approval. The Government will review and approve within 14 working days. If the FIR is unacceptable to the Government, the Contractor shall correct and resubmit within 14 working days for Government approval.

Block 13 The Contractor shall modify the FIR to reflect all engineering and or manufacturing changes which impact the trucks, trailers, or kits. A modified FIR shall be submitted within 14 working days of the change(s).

Block 14 All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:  
18. ESTIMATED TOTAL PRICE:  

G. PREPARED BY: Nora Iversen  
H: DATE: 20 March 17  
I: APPROVED BY:  
J: DATE:
DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.: TBD
B. EXHIBIT: Exhibit B
C. CATEGORY: TDF ___ TM ___ OTHER ___
D. SYSTEM/ITEM: FMTV PROTECTION KITS
E. CONTRACT/PR NO.: W56HZV-17-R-0106

1. DATA ITEM NO: E012
2. TITLE: CARE, STORAGE, AND MAINTENANCE (CSM) PLAN AND MODIFICATIONS
3. SUBTITLE:
4. AUTHORITY: DI-MISC-80508(T) 5. CONTRACT REFERENCE: E.1.31
6. REQUIRING OFFICE: SFAE-CSS-TS-M 7. DD250 REQ: NO
8. APP CODE: A 9. DIST. STATEMENT REQ: C
10. FREQUENCY: ONE/R 11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: 30 DACA
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 13
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:
B. COPIES:
   DRAFT:               FINAL:
REG REPRO:               TOTAL COPIES:
16. REMARKS:

 Block 9  The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to the Contracting Officers Representative (COR).

 Block 12  The Contractor shall prepare and submit a CSEM plan for Government approval. The plan elements shall be submitted in the following formats:
   a. Layout of the Protection Kit storage area formatted in Microsoft PowerPoint
   b. Flowchart of the process formatted in Microsoft PowerPoint
   c. An inspection schedule formatted in MS Project
   d. Maintenance schedule formatted in Microsoft Project
   e. A description of inspections formatted in Microsoft Word

 Block 13  The Contractor shall submit revised data elements (see a through e in Block 12) 14 working days after discovery of the change.

 Block 14  All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: Nora Iversen
H: DATE: 20 March 17
I: APPROVED BY:
J: DATE:
A. CONTRACT LINE ITEM NO.:               D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT:                              E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:                             F. CONTRACTOR: TBD
TDF ____ TM ____ OTHER _X___
1. DATA ITEM NO: E013
2. TITLE: Welding Procedures and Modifications
3. SUBTITLE: Procedure Number, Name, Date, and Revision Number
4. AUTHORITY: DI-MISC-80875 & DI-MISC-80876
5. CONTRACT REFERENCE:  E.1.32.2
6. REQUIRING OFFICE:  SFAE-CSS-TS-M 7. DD250 REQ: NO
8. APP CODE:  A 9. DIST. STATEMENT REQ: C
10. FREQUENCY: ONE/R 11. AS OF DATE: N/A
12. DATE OF FIRST SUBMISSION: WITHIN 90 DADC
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 16
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:                             B. COPIES:
DRAFT:                                  FINAL:
REG REPRO:
15. TOTAL COPIES:
16. REMARKS:
Block 9 The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US
Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this
document shall be referred to Product Director Medium Tactical Vehicles (PD MTV).
Block 12 The Contractor shall submit within 90 DADC Contractor and Subcontractor(s) welding and in-process inspection procedures in
accordance with AWS D1.1 and D1.2 and this contract for Government approval. The Contractor and Subcontractor(s) shall employ Certified
Weld Inspectors (CWIs) who shall perform in-process inspections. The Contractor and Subcontractors shall send copies of the
certifications of all CWIs employed. The submittal format shall be Microsoft Word or Excel except for the CWI certification documents.
Block 13 If welding and in-process inspection procedures are modified, the Contractor shall submit for Government approval the procedure
with its corresponding change log. Submittal shall be made within 14 working days of the recognized change.
Block 14 All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:
19. PRICE:
20. DESCRIPTION:
21. CONTRACTOR:
22. SOURCE:
23. SOURCES:
24. PRICE SUPPORT:
25. TOTAL ENTRIES:
26. TOTAL QUANT:
27. TOTAL VALUE:
28. REMARKS:
G. PREPARED BY: Nora Iversen
H: DATE: 20 March 17
I: APPROVED BY:
J: DATE:
PAGE 1 OF 1
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A. CONTRACT LINE ITEM NO.:               D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT:                              E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:
   TDF ____ TM ____ OTHER _X___
F. CONTRACTOR: TBD

1. DATA ITEM NO: E014
2. TITLE: RADIOGRAPHIC CORRECTIVE ACTION REPORT (CAR)
3. SUBTITLE: PART NUMBER
4. AUTHORITY: DI-SESS-81315  5. CONTRACT REFERENCE: E.1.33
6. REQUIRING OFFICE: SFAE-CSS-TS-M 7. DD250 REQ: NO
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 12
13. DATE OF SUBS. SUBMISSION: SEE BLOCK 13
14. DISTRIBUTION: WINDCHILL
   A. ADDRESSEE:
   B. COPIES:
      DRAFT:
      FINAL:
      REG REPRO:
      15. TOTAL COPIES:
   16. REMARKS:

Block 9  The following information shall be included on the deliverable: DISTRIBUTION STATEMENT C: Distribution authorized to US Government agencies and their Contractors; administrative or operational use; date of document creation. Other requests for this document shall be referred to Program Director Medium Tactical Vehicles (PD MTV).

Block 12 The Contractor and or Subcontractor(s) shall prepare and submit Corrective Action Reports (CARs) necessitated by the discovery of defect(s) found during the radiographic inspection of castings for Government approval. Submittal shall be made within 14 working days of discovery of the defect(s). The Government will review the Radiographic CAR within 14 working days. If the Government disapproves the Radiographic CAR, the Contractor shall resubmit corrections to the Radiographic CAR within 7 working days for Government approval.

Block 13 The Contractor shall obtain Government approval for Radiographic CAR(s). If the Government continues to disapprove the Contractors and or Subcontractors subsequent submissions, the Contractor shall continue to submit corrections in 7 day intervals until Government approval is obtained.

Block 14 All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: Nora Iversen
H. DATE: 20 March 17
I: APPROVED BY:
J: DATE:
CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

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A. CONTRACT LINE ITEM NO.:            D. SYSTEM/ITEM: FMTV PROTECTION KITS
B. EXHIBIT:                           E. CONTRACT/PR NO.: W56HZV-17-R-0106
C. CATEGORY:       TDF ___ TM _____ OTHER ___X____
F. CONTRACTOR: TBD

1. DATA ITEM NO: E015
2. TITLE: Failure Analysis and Corrective Action Report (FACAR)
3. SUBTITLE:
4. AUTHORITY: DI-SESS-81315B(T) 5. CONTRACT REFERENCE: E.2.6
6. REQUIRING OFFICE: SFAE-CSS-TS-M 7. DD250 REQ: NO
8. APP CODE: A 9. DIST. STATEMENT REQ: C
10. FREQUENCY: As Required 11. AS OF DATE: As Required
12. DATE OF FIRST SUBMISSION: See Block 16
13. DATE OF SUBS. SUBMISSION: See Block 16
14. DISTRIBUTION: WINDCHILL
A. ADDRESSEE:
B. COPIES:
DRAFT: FINAL: REG REPRO:
15. TOTAL COPIES:
16. REMARKS:

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Submit in accordance with para. E.7 (Failure Analysis and Corrective Action Report (FACAR) Process). Electronic submission of FACAR data is required via Windchill. The FACAR data stream shall be prepared by the contractor in the ASCII format. Each FACARs digital file structure must be in accordance with the detailed instructions in Attachment 0045(Test Incident Report and Failure Analysis and Corrective Action Report Data) and section E.7.8.5 (FACAR Types) inclusive.

All required text shall be submitted to Army Test Incident Reporting System (ATIRS) with the exception of the supporting documents.

DID DI-RELI-81315B is tailored as follows:

Delete:
Para. 2
Para. 3A Para. 3I
Para. 3C Para. 3J
Para. 3D Para. 3K
Para. 3G Para. 3L
Para. 3H Para. 3M
Para. 4

DISTRIBUTION:

All CDRL submissions shall be uploaded into Windchill.

17. PRICE GROUP:
18. ESTIMATED TOTAL PRICE:

G. PREPARED BY: Robert Pote