

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**1. Contract ID Code  
Firm-Fixed-Price

Page 1 Of 17

2. Amendment/Modification No.

0002

3. Effective Date

2012SEP17

4. Requisition/Purchase Req No.

SEE SCHEDULE

5. Project No. (If applicable)

6. Issued By

U.S. ARMY CONTRACTING COMMAND  
 CCTA-HTB-C  
 CHARLES SCOTT (586)282-3523  
 WARREN, MICHIGAN 48397-5000  
 HTTP://CONTRACTING.TACOM.ARMY.MIL  
 EMAIL: CHARLES.SCOTT16@US.ARMY.MIL

Code

W56HZV

7. Administered By (If other than Item 6)

Code

SCD

PAS

ADP PT

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)

9A. Amendment Of Solicitation No.

W56HZV-12-R-0281

9B. Dated (See Item 11)

2012AUG20

10A. Modification Of Contract/Order No.

10B. Dated (See Item 13)

Code

Facility Code

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS** The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers is extended,  is not extended. 2012OCT10 05:00pm

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods:  
 (a) By completing items 8 and 15, and returning 2 signed copies of the amendments; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. **FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting And Appropriation Data (If required)

**13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS**

It Modifies The Contract/Order No. As Described In Item 14.

- A. This Change Order is Issued Pursuant To: \_\_\_\_\_ The Changes Set Forth In Item 14 Are Made In \_\_\_\_\_  
 The Contract/Order No. In Item 10A.
- B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).
- C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: \_\_\_\_\_
- D. Other (Specify type of modification and authority)

E. IMPORTANT: Contractor  is not,  is required to sign this document and return \_\_\_\_\_ copies to the Issuing Office.

14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

SEE SECOND PAGE FOR DESCRIPTION

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

15A. Name And Title Of Signer (Type or print)

16A. Name And Title Of Contracting Officer (Type or print)

15B. Contractor/Offeror

15C. Date Signed

16B. United States Of America

16C. Date Signed

(Signature of person authorized to sign)

By \_\_\_\_\_ /SIGNED/  
(Signature of Contracting Officer)

NSN 7540-01-152-8070

30-105-02

STANDARD FORM 30 (REV. 10-83)

PREVIOUS EDITIONS UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243

**CONTINUATION SHEET****Reference No. of Document Being Continued****Page 2 of 17**

PIIN/SIIN W56HZV-12-R-0281

MOD/AMD 0002

**Name of Offeror or Contractor:**

## SECTION A - SUPPLEMENTAL INFORMATION

The purpose of Amendment 0002 under Solicitation W56HZV-12-R-0281 is to make the following changes (all changes are marked by a single asterik, unless located within a CLIN):

1. Extend the solicitation response date from 20 Sep 2012 at 5:00pm (Warren, MI local time) to 10 Oct 2012 at 5:00pm (Warren, MI local time). Reference Standard Form 30 (SF30), block 11.
2. Section B, CLIN 1002, CLIN 2002, CLIN 3002, CLIN 4002, and CLIN 5002: Change NSN from "NSN 2330-01-392-3233" to "2330-01-592-3233".
3. Section B, CLIN 0001:
  - 1) Narrative B0001: Change NSN from "NSN 2330-01-392-3233" to "2330-01-592-3233".
  - 1) Deliveries or Performance, DEL REL CD 0001: Change quantity from "5" to "3."
  - 2) Deliveries or Performance: Add "DEL REL CD 0002, quantity 2, FOB Point: Origin."
4. Section E, Paragraph E.3.2:
  - 1) Subparagraph(2): Change from "Upon successful completion of the FAI, three (3) of the five (5) trailers shall be designated as PVT trailers." to "Upon successful completion of the FAI, the three (3) AMMPS M200A1 chassis trailers shall be designated as PVT trailers."
  - 2) Subparagraph (3): Change from "The remaining two (2) first article trailers shall be utilized in the following manner. One (1) of the AMMPS kitted trailers shall be used as a logistics demo trailer. The final trailer shall be retained as Government Furnished Property at the Contractors facility as a manufacturing standard and shall be shipped as part of the last production shipment." to "The remaining two (2) first article base model M200A1 chassis trailers shall be utilized in the following manner: One (1) base model trailer shall be used as a logistics demo trailer. The final base model trailer shall be retained as Government Furnished Property (GFP) at the Contractor's facility as a manufacturing standard and shall be shipped as part of the last production shipment."
5. Section J, Exhibit B (CDRL):
  - 1) CDRL A003, Block 4: Change "DI-SAFT-80106B (HHR)" to "DI-SAFT-80106B (HHAR)."
  - 2) Update the date of Exhibit B from "25 Jul 2012" to "11 Sep 2012."
6. Section J, Attachment 0001 (MIL-DTL-0045150M), Page 11, Paragraph 3.5.7.2.4:
  - 1) Change from Both trailer axles shall be equipped with anti-lock brake systems (ABS) in accordance with CFR 49.571.121 to Single Axle trailer shall be equipped with an anti-lock brake system (ABS) in accordance with CFR 49.571.121."
  - 2) Update the date of Attachment 0001 from "30 Sep 1998" to "11 Sep 2012."
7. Section J, Attachment 0002 (TDP 8358998, REV AF, M200A1 TRAILER):
  - 1) Add "drawing 7979297."
  - 2) Update the date of Attachment 0002 from "25 Jul 2012" to "11 Sep 2012."
8. Section J, Attachment 0003 (DWG 04-21234, AMMPS):
  - 1) Add drawings referenced on drawing 04-21234.
  - 2) Update the date of Attachment 0003 from "25 Jul 2012" to "11 Sep 2012."
9. Section J, Attachment 0008 (Pricing Spreadsheet):
  - 1) Summary tab, CLIN 0001: Change title from "FAT M200A1 Trailers" to "M200A1 1ST ARTICLE INSPECTION TEST TRAILERS."
  - 2) CLINs 2001-2002 Tab,: Change CLIN 2002 (AMMPS Model) total from "900 each" to "990 each."
  - 3) Assembly Prices tab:
    - a. Subparagraph 1: Change from "Frame Weldment in accordance with drawing 12518775 of TDP 8750137 REV. N" to "Frame Weldment in accordance with drawing 8699544 of TDP 8358998 REV. AE".
    - b. Subparagraph 2: Change from "Axle and Spring Assembly in accordance with drawing 12331748 of TDP 8750137 REV. N" to "Axle and Spring Assembly in accordance with drawing 8742397 of TDP 8358998 REV. AE".
    - c. Subparagraph 3: Change from "Spring Assembly in accordance with drawing 12354278 of TDP 8750137 REV. N" to "Spring Assembly in accordance with drawing 7392819 of TDP 8358998 REV. AE".

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**Name of Offeror or Contractor:**

d. Subparagraph 5: Change from "Tire\*\*\* in accordance with drawing 12535453 of TDP 8750137 REV. N" to "Tire\*\*\* in accordance with drawing 12504900 of TDP 8358998 REV. AE".

e. Subparagraph 6: Change from "Disc & Rim Assy in accordance with drawing 12535448 of TDP 8750137 REV. N" to "Tire & Wheel Assy in accordance with drawing 12496882 of TDP 8358998 REV. AE".

f. Subparagraph 7: Change from "Jack Assembly in accordance with drawing 12355851 of TDP 8750137 REV. N" to "Step Jack Assembly in accordance with drawing 12512283 of TDP 8358998 REV. AE".

g. Note for \*: Change from "\*Offerors are asked for unit pricing so that the Government may access the offerors understanding of the requirement, failure to provide this unit pricing will lead to rejection of offer." to "\*Offerors are asked for unit pricing so that the Government may determine the offerors' understanding of the requirement, failure to provide this unit pricing may lead to rejection of offer. Include unit price for items, assuming an order of 1315 trailers and any price breaks or discounts associated with that quantity."

4) Update the date of Attachment 0008 from "25 Jul 2012" to "10 Sep 2012."

10. All other terms and conditions remain unchanged.

Note: Offerors must acknowledge receipt of this Amendment Number 0002 in its proposals in accordance with Solicitation Provision A-3 52.214-4000, entitled "Acknowledgement of Amendments."

\*\*\* END OF NARRATIVE A0003 \*\*\*

Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>M200A1 1ST ARTICLE INSPECTION TEST TRAILER</u></p> <p>NOUN: M200A1 TRAILER                      FSCM: 19207                      PART NR: 00000</p> <p>First Article Inspection Test Trailers.</p> <p>The contractor shall reference Section E.5, First Article Inspection and E.8 Production Verification Test.</p> <p>-Two (2) Base models NSN: 2330 00-331-2307                      -Three (3) AMMPS Model NSN: 2330 01-592-3233</p> <p>Contractor will ship three (3) trailers ((3) AMMPS MODEL M200A1 TRAILERS) for the Production Verification Testing (PVT) to the Government test site (Yuma, AZ). The Contractor shall ship in place two (2) base model trailers at contractor's facility for the First Article Inspection.</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                      IN ACCORDANCE WITH SECTION D                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p><u>Deliveries or Performance</u>                      DOC SUPPL                      REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD                      001                      DEL REL CD QUANTITY DEL DATE                      001 3 0180                      002 2 0180</p> <p>FOB POINT: Destination</p> <p>SHIP TO:                      (W81R8T) PR W04X USA YUMA PROVING GROUND                      BLDG 2710 SANCHEZ STREET PBO</p>	5	EA	\$ _____	\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1002	<p>YUMA,AZ,85365-9113</p> <p>FOB POINT for DEL REL CD 002: Origin                      (Reference Section E, Paragraph E.3.2)                      (End of narrative F001)</p> <p><u>1ST ORDERING YEAR AMMPS MODEL</u></p> <p>NSN: 2330-01-592-3233                      NOUN: M200A1 AMMPS MODEL                      FSCM: 19207                      PART NUMBER: 04-21234</p> <p>NOUN: AMMPS MODEL M200A1, 2.5 TON SINGLE AXLE TRAILER</p> <p>REQUIRED PAINT COLOR WILL BE IDENTIFIED AT TIME OF AWARD IN EACH DELIVERY ORDER.                      SCOPE OF WORK IN ACCORDANCE WITH SECTION C.1</p> <p><u>STANDARD CAMOUFLAGE PAINT COLOR:</u></p> <p><u>GREEN PAINT COLOR:</u></p> <p><u>TAN PAINT COLOR:</u></p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                      IN ACCORDANCE WITH SECTION D                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p>FOB POINT: Origin</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p>	<p>EST 1285</p> <p>EST 5</p> <p>EST 5</p>	<p>EA</p> <p>EA</p> <p>EA</p>	<p>\$ _____</p> <p>\$ _____</p> <p>\$ _____</p>	

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
2002	<p><u>2ND ORDER YEAR M200A1 TRAILER PRODUCTION</u></p> <p>NSN: 2330-01-592-3233                      NOUN: M200A1 AMMPS MODEL TRAILER                      FSCM: 19207                      PART NUMBER: 04-21234</p> <p>NOUN: AMMPS MODEL, M200A1 2.5 TON SINGLE AXLE TRAILER</p> <p>REQUIRED PAINT COLOR WILL BE IDENTIFIED AT TIME OF AWARD IN EACH DELIVERY ORDER.</p> <p>SCOPE OF WORK IN ACCORDANCE WITH SECTION C.1</p> <p><u>STANDARD CAMOUFLAGE PAINT COLOR:</u></p> <p><u>GREEN PAINT COLOR:</u></p> <p><u>TAN PAINT COLOR:</u></p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                      IN ACCORDANCE WITH SECTION D                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p>FOB POINT: Origin</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p>	<p>EST 990</p> <p>EST 5</p> <p>EST 5</p>	<p>EA</p> <p>EA</p> <p>EA</p>	<p>\$ _____</p> <p>\$ _____</p> <p>\$ _____</p>	

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
3002	<p><u>3RD ORDERING YEAR M200A1 TRAILER PRODUCTION</u></p> <p>NSN: 2330-01-592-3233                      NOUN: M200A1 AMMPS TRAILER                      FSCM: 19207                      PART NUMBER: 04-21234</p> <p>NOUN: M200A1 AMMPS MODEL, 2.5 TON SINGLE AXLE TRAILER</p> <p>REQUIRED PAINT COLOR WILL BE IDENTIFIED AT TIME OF AWARD IN EACH DELIVERY ORDER.</p> <p>SCOPE OF WORK IN ACCORDANCE WITH SECTION C.1</p> <p><u>STANDARD CAMOUFLAGE PAINT COLOR:</u></p> <p>EST 990 EA \$ _____</p> <p><u>GREEN PAINT COLOR:</u></p> <p>EST 5 EA \$ _____</p> <p><u>TAN PAINT COLOR:</u></p> <p>EST 5 EA \$ _____</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                      IN ACCORDANCE WITH SECTION D                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p>FOB POINT: Origin</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p>				
4002	<p><u>4TH ORDERING YEAR M200A1 TRAILER PRODUCTION</u></p> <p>NSN: 2330-01-592-3233                      NOUN: M200A1 AMMPS MODEL                      FSCM: 19207                      PART NUMBER: 04-21234</p> <p>NOUN: M200A1 AMMPS MODEL, 2.5 TON SINGLE AXLE TRAILER</p> <p>REQUIRED PAINT COLOR WILL BE</p>				

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
5002	<p>IDENTIFIED AT TIME OF AWARD IN EACH DELIVERY ORDER.</p> <p>SCOPE OF WORK IN ACCORDANCE WITH SECTION C.1</p> <p><u>STANDARD CAMOUFLAGE PAINT COLOR:</u></p> <p><u>GREEN PAINT COLOR:</u></p> <p><u>TAN PAINT COLOR:</u></p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                      IN ACCORDANCE WITH SECTION D                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p>FOB POINT: Origin</p> <p>(End of narrative B001)</p> <p><u>Packaging and Marking</u></p> <p><u>5TH ORDERING YEAR M200A1 TRAILER PRODUCTION</u></p> <p>NSN: 2330-01-592-3233                      NOUN: M200A1 AMMPs MODEL                      FSCM: 19207                      PART NUMBER: 04-21234</p> <p>NOUN: M200A1 BASE MODEL, 2.5 TON SINGLE AXLE TRAILER</p> <p>REQUIRED PAINT COLOR WILL BE IDENTIFIED AT TIME OF AWARD IN EACH DELIVERY ORDER.</p> <p>SCOPE OF WORK IN ACCORDANCE WITH SECTION C.1</p> <p><u>STANDARD CAMOUFLAGE PAINT COLOR:</u></p> <p><u>GREEN PAINT COLOR:</u></p> <p><u>TAN PAINT COLOR:</u></p>	<p>EST 990</p> <p>EST 5</p> <p>EST 5</p> <p>EST 990</p> <p>EST 5</p> <p>EST 5</p>	<p>EA</p> <p>EA</p> <p>EA</p> <p>EA</p> <p>EA</p> <p>EA</p>	<p>\$ _____</p> <p>\$ _____</p> <p>\$ _____</p> <p>\$ _____</p> <p>\$ _____</p> <p>\$ _____</p>	

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	<p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                          IN ACCORDANCE WITH SECTION D                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p>FOB POINT: Origin</p> <p style="text-align: center;">(End of narrative B001)</p> <p><u>Packaging and Marking</u></p>				

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MOD/AMD 0002

**Name of Offeror or Contractor:**

SECTION E - INSPECTION AND ACCEPTANCE  
SECTION E - INSPECTION AND ACCEPTANCE

E.1 Quality Requirements. Inspection and acceptance shall conform to the requirements of this contract.

E.1.1 Inspection Records. Inspection records of the examinations and tests (either in-process or end item) performed by the contractor shall be kept complete and available to the Government for a period of four (4) years following completion of the contract.

E.1.2 Inspection Equipment. The Contractor is responsible for the supply and maintenance of all inspection and test equipment necessary to ensure that end item components conform to contract requirements. All contractor furnished inspection equipment shall be available for Government use on or before the start of production. The Government will not furnish any inspection equipment under this contract. The Contractor shall make inspection equipment available to the Government representative during Government in-process or end item inspection. Upon completion of the inspection by the Government representative, all inspection equipment shall be returned to the Contractor.

E.2 First Article Approval Requirements.

E.2.1 First Article Approval shall consist of the successful completion of both the Contractor conducted First Article Inspection (FAI) (reference E.5) and the Government conducted Production Verification Test (PVT) (reference E.8).

E.2.2 Final Acceptance of the FAI Vehicles shall not occur until: (1) all First Article Approval requirements for each model have been successfully completed and the Contractor so notified by a PCO letter and (2) all deficiencies are corrected to the satisfaction of the Government.

E.3 Initial Production Lot (first article trailers).

E.3.1 Configuration. The first article trailers shall be production representative trailers.

E.3.2 The initial production first article trailers shall consist of five (5) trailers.

(1) The first article trailers shall be: two (2) base M200A1 chassis trailers, NSN 2330-00-331-2307, part number 83583998; and three (3) AMMPS M200A1 chassis trailers NSN 2330-01-592-3233, part number 04-21234; selected from the first production lot by the Government.  
\*(2) Upon successful completion of the FAI, the three (3) AMMPS M200A1 chassis trailers shall be designated as PVT trailers.  
\*(3) The remaining two (2) first article base model M200A1 chassis trailers shall be utilized in the following manner: One (1) base model trailer shall be used as a logistics demo trailer. The final base model trailer shall be retained as Government Furnished Property (GFP) at the Contractor's facility as a manufacturing standard and shall be shipped as part of the last production shipment."

\* - Indicates a change made under Amendment 0002

E.3.3 Prime Mover. The Contractor shall provide a vehicle capable of towing the M200A1 at their site location for the purpose of performing all inspections and tests. The capability requirements of the Prime Mover are defined in MIL-DTL-45150M (Attachment 0001).

E.4 Final Inspection Records (FIR).

E.4.1 Final Inspection Records (FIR) Preparation.

E.4.1.1 The Contractor shall prepare for Government approval a Final Inspection Record (FIR) in accordance with CDRL A009. Note: See clause 52.246-4008, Final Inspection Record.

E.4.1.2 Final Inspection Records (FIR) Updates. The FIR shall be continually updated to reflect all engineering and manufacturing changes that impact the FIR. Deficiencies discovered and corrective actions applied during inspection by the Contractor shall be described in writing and included as part of the FIR. If the Contractor determines that the Government approved FIR is not appropriate for final inspection of the end item for any reason, the Contractor must obtain written approval from the Government prior to employing any other form for this purpose.

E.4.1.3 Inspection Failure.

E.4.1.3.1 Failure of the trailers as a result of any deficiency found during any required inspection will be cause for rejection of the trailers. The Government may refuse acceptance of all production trailers until action has been taken to eliminate the deficiency. The Government will consider any deficiencies found during the monthly fifty mile road test as described in E.12.2 as evidence that all trailers produced during the month are similarly deficient.

E.4.1.3.2 The inspection and test requirements shall consist of the following:

- a. First Article Inspection (FAI)(E.5)
- b. Production Verification Testing (PVT)(E.8)

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- c. Conformance Inspection (CI)(E.12.1)
- d. Control Tests (CT)(E.12.2)

E.5 First Article Inspection (FAI). The First Article Inspection shall be conducted by the Contractor at the Contractors facility with a Government Representative within 180 days after receipt of order (CLIN 0001). The Contractor shall provide official notification of the proposed date for the FAI to the ACO no later than 14 days prior to the scheduled inspection. The First Article Inspection shall be conducted using the approved FIR in accordance with CDRL A009. The road test mileage is Fifty (50) miles with full payload.

E.6 Conditional Acceptance: The Government at its sole discretion may conditionally accept vehicles at any time; at no time is the Government required to conditionally accept vehicles. Incomplete vehicles due to factors attributable to the contractor or their suppliers are not eligible for conditional acceptance.

E.7 Shipment to Government Testing Facility.

E.7.1 The Contractor shall ensure that the PVT Trailers (E.8) are fully operational and reflect the latest trailer configuration prior to shipment. Under no circumstances shall any PVT Trailer be shipped from the Contractor's facility to the test site until:

- a. The First Article Inspection has been completed.
- b. All deficiencies disclosed by the First Article Inspection shall be corrected by the Contractor and incorporated on the first production lot of five (5) trailers before the shipment of the PVT Trailers for Government testing. All corrections must be approved by the Government as evidenced by the DD Form 250 signed by an authorized Government Representative.

E.7.2 Transportation charges from the Contractor's plant to and from the Yuma Proving Grounds (YPG) shall be the sole responsibility of the Contractor.

E.7.2.1 The ship to address is:

DODAAC: W81R8T  
PR W04X U.S.A. Yuma Proving Ground  
Bldg. 2710 Sanchez Street PBO  
Yuma, AZ 85365-9113

E.8 Production Verification Testing (PVT)

E.8.1 The Production Verification Test (PVT) will consist of performance and limited endurance (up to 6,000 miles each) to be conducted by the Government. The Contractor shall deliver three (3) PVT Trailers to YPG (see E.7.2.1 for the ship to address) for testing no later than 195 days after contract award. The expected duration of the PVT test is approximately 2 1/2 months.

E.8.2 Test Requirements.

E.8.2.1 Course Profiles. Government intends to conduct the majority of test miles on the courses identified for PVT. However, the Government reserves the right (at its discretion) to test on any of the different Government courses and in any combination as long as they are at a level equal to or less than that specified, as dictated by the availability of test facilities or other program considerations. Test courses selected are considered representative of actual terrain profiles and shall be successfully negotiated by the PVT trailers provided.

E.8.2.2 Anti-Lock Brakes (ABS). The ABS shall conform to the requirements of this contract and MIL-DTL-45150M (M200A1 trailer).

E.8.3 Reserved.

E.8.4 Test Support.

E.8.4.1 The Contractor shall be responsible for furnishing all maintenance and repair parts and technical support during PVT for the trailers at YPG. The Government will provide storage facilities for Contractor furnished repair parts at the test site.

E.8.4.2 System Support Package List (SSPL). The Contractor shall prepare and provide a System Support Package List (SSPL) by e-mail, in Contractor format, to the Government 60 days prior to delivery of PVT trailers to the Government test site in accordance with CDRL A010. The SSPL shall define the support elements required to successfully complete testing:

- a. Parts/Items for Preventive Maintenance Checks and Services (PMCS) per TM 9-2330-205-14&P and repairs.
- b. Peculiar/common tools and Test, Measurement, and Diagnostics Equipment (TMDE).
- c. Training and support of test site personnel.
- d. Basic Issue Items (BII).
- e. List and quantity of expendable supplies such as Petroleum, Oil and Lubricants (POL).

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E.8.4.3 System Support Package (SSP). The Contractor shall assemble, furnish and ship (to include packing, packaging and transportation) a System Support Package (SSP) to the designated test site with the first PVT trailers scheduled for test. The SSP shall consist of items listed on the SSPL. In addition, the Contractor shall supply any spare parts or consumable items that are required during Government testing that were not included in the System Support Package/SSPL. Parts not available at the test site must be provided to the test site within 24 hours of the Government notification.

E.8.4.4 Test Service Representative (TSR) - The Contractor shall provide a Test Service Representative at the test site who shall advise and make recommendations to orient and instruct key Government personnel with respect to operations, maintenance, repair and parts supply for the equipment furnished under this contract. Four trips of three days duration each are estimated to support the test. The TSR shall conduct a demonstration of the Operating Instructions from TM 9-2330-205-14&P for the YPG test team. The demonstration shall occur prior to the start of PVT and following the receipt of the PVT Trailers at YPG. The Contractor shall coordinate the demonstration schedule with the PM-LTV Test Manager. All other administrative issues may be resolved via e-mails or tele-conferences. The Contractor shall perform all depot maintenance level of repair at the test site so as to not interfere with the test. The TSR shall be responsible for the shipment of failed parts from the test site to the Contractors facility for failure analyses in accordance with E.9.

E.8.4.5 The Contractor shall provide the Government data collector any errors and inconsistencies discovered in TM 9-2330-205-14&P during test, in accordance with CDRL A012.

E.8.4.6 Replacement Items - Replacement items required to continue testing, which were not identified or furnished with the SSP or were not furnished in sufficient quantities, shall be provided by the Contractor within 24 hours after notification by Government personnel of the shortage.

E.8.4.7 Tools and Test Equipment - The Contractor shall identify and adopt existing Government tools specified in TM 9-2330-205-14&P and test equipment to the maximum extent feasible.

**E.8.5 Test Deficiencies and Failures:**

E.8.5.1 A deficiency is defined as a condition that lacks an essential quality or element of Section C.

E.8.5.2 A failure is defined as the condition of not achieving the desired end or requirement, i.e. an event, or state, in which a system or a component does not perform as specified.

E.8.5.3 In the event of a component or Trailer test failure, the Government reserves the right to retest the component or Trailer upon correction of the failure by the Contractor to the complete extent and duration specified in the test program, or to such lesser extent as the Contracting Officer shall consider appropriate in his sole discretion. The Contractor shall be responsible for costs and for delays in the program test period resulting from component or trailer failures attributable to the contractor and for failing to adequately or timely furnish parts support. The Government reserves the right to require an equitable adjustment of the contract price for any additional costs related to these tests.

E.8.5.4 The Contractor shall correct on-site any failure of the system attributable to the contractor (see E.10.1), which occurs during testing. Delays caused by defective test items shall not be a basis for adjustment of the contract delivery schedule or the contract price.

E.8.5.5 Deficiencies found during or as a result of PVT, shall be prima-facie evidence that all components or trailers already produced prior to completion of PVT are similarly deficient. Such deficiencies on all components or Trailers shall be corrected by the Contractor at no additional cost to the Government.

E.8.6 Test Work Authorization Document (TWAD) All desired changes to test trailer hardware or software shall be initiated by a TWAD in accordance with CDRL A007.

E.8.6.1 The TWAD form shall be submitted in a Contractor format in accordance with CDRL A007.

E.8.6.2 For desired changes that require a follow-on ECP, once the Government Test and Evaluation (T&E) Integrated Product Team (IPT) determines that a modification has been sufficiently validated during testing, an ECP shall be initiated by the Contractor and submitted in accordance with Section C.2. Concurrently, the Contractors ECP shall be referenced in a corresponding Failure Analysis Corrective Action Report (FACAR) as specified in E.9.

**E.9 Failure Analysis Corrective Action Reports (FACARs)**

E.9.1 The Contractor will be provided access to all Test Incident Reports (TIRs) released during Government-required tests. Automated TIR receipt via the VISION Digital Library System (VDLS) is contingent upon the security credentials of Contractor personnel; the contractor shall contact the VDLS POC for information on the security requirements necessary to view VDLS. The VDLS POC can be obtained from the VDLS website listed in E.9.2.3. FACAR submittals to VDLS are not contingent upon the security credentials of Contractor personnel. Should the Contractor personnel's security credentials be insufficient to obtain VDLS access, the contractor shall notify the

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Government immediately and the Government will electronically provide released TIRs to the Contractors TSR. If VDLS access is obtained, then receipt of a TIR is defined as the TIR Release Date. If VDLS access is not obtained, then receipt of a TIR is defined as the date the Government electronically distributes a TIR to the Contractors TSR. Upon receipt of a TIR, the Contractor shall furnish a FACAR in accordance with DI-SESS-81315A (CDRL A008).

## E.9.2 FACAR Submission.

E.9.2.1 FACAR submission shall be IAW CDRL A008.

E.9.2.2 The Contractor shall access VDLS (via <https://vdls.atc.army.mil>) to submit corresponding FACARs to Automated Test Incident Recording System (ATIRS) (via [atirs@atc.army.mil](mailto:atirs@atc.army.mil)). Following the first FACAR CDRL A008 submission (to assure system compatibility processing of emailed data deliverables), the Contractor shall confirm that submitted Corrective Action data streams have been converted to permanent VDLS FACARs. The Contractor shall notify the Government Chairperson of submitted Corrective Action data streams that have not loaded in VDLS.

E.9.2.3 Supporting Documentation. The Contractor shall provide Supporting Documentation (internal assessment, supplier data, vendors analyses, test data, certifications, drawings, digital photographs) for each FACAR in accordance with CDRL A008. The Supporting Documentation shall be submitted 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:

L5 - XXXXXXX-A.pdf ----- 1st document  
L5 - XXXXXXX-B.pdf ----- 2nd document  
L5 - XXXXXXX-C.pdf ----- 3rd document

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

E.9.2.4 FACAR Structure. Each data block shall retain the following structure:

1st line - Current Date/Name of team member generating the response  
2nd line - Supporting Document file name per E.9.2.3  
3rd line - Relevant content/date of the latest Government CARB Notification (if provided)  
4th line - Content as described in E.9.2.7  
Last line - Action Complete

E.9.2.5 Interim FACARs shall be provided by the Contractor within the following specified time frames

- a. Critical Defect 48 hours after the TIR Release Date.
- b. Major Defect -10 calendar days after the TIR Release Date.
- c. Minor Defect - 20 calendar days after the TIR Release Date.
- d. Information Not Applicable.

E.9.2.6 Final FACARs shall be provided by the Contractor within the following specified time frames:

- a. Critical Defect - 15 calendar days after the TIR Release Date.
- b. Major Defect - 30 calendar days after the TIR Release Date.
- c. Minor Defect - 45 calendar days after the TIR Release Date.
- d. Information Not Applicable.

E.9.2.7 The FACAR shall include the following content:

E.9.2.7.1 Data Block 120: 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, correspondence).

E.9.2.7.2 Data Block 121: 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. Test Work Authorization Document (TWAD) number. If the TWAD is implemented into production, TWADs shall have an associated ECP# unless otherwise authorized by the CARB.

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E.9.2.7.3 Data Block 122: 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.

E.9.2.7.4 Data Block 123: Planned Production Implementation.

1. Planned coordination effort
2. Measures taken to prevent other failures.
3. Engineering Change Proposal number, if applicable.

E.9.3 FACARs requiring an ECP for production implementation will remain open until the marked up drawings as identified in a draft ECP are approved by the Government Configuration Control Board (CCB).

E.9.4 FACARs shall neither conflict with Contractor Pre-Brief submissions to the Scoring Conference (reference E.10.1) nor subsequent Engineering Change Proposals (ECPs).

E.9.5 If the Government Corrective Action Review Board (CARB) determines that a FACAR fails to address the criteria stated in E.9.2.8, the FACAR shall be rejected and a revised FACAR must be submitted.

E.9.5.1 The Government CARB chairperson may agree to extend or modify the time period for revised FACAR Submittals. 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 FACARs due to changes in TIR classification, increased component failure rate, or incomplete and erroneous submittals.

E.9.6 FACAR Revisions.

E.9.6.1 FACAR Revisions shall include all previous FACAR submittals. At the Contractors request, the Government CARB Chairperson may elect to waive the requirement to re-submit a FACAR for revised TIR if the Government CARB Chairperson determines that no significant change was recorded in the TIR.

E.9.6.2 FACAR revisions are required if the Contractor rescinds a TWAD and ECP submittal. FACAR revisions are also required if there are Contractor derived changes following TWAD approval and prior to ECP implementations.

E.9.6.3 Communication challenges internal to the Contractors and subcontractors organizational infrastructure will not absolve the contractor of its responsibilities with respect to the stated FACAR requirements and its associated provisions.

E.9.7 The Contractor shall conspicuously mark, tag, and control each failed test component received from the tester as it corresponds to its respective TIR. All identification markings and taggings placed on a failed test component by the testers shall be maintained with the component. Each failed test component supporting the FACAR process shall not be handled in a manner that may obliterate facts which are viewed by the Government CARB as pertinent to the analysis. The Contractor shall be fully responsible for the storage of each failed test exhibit (regardless of 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.9.8 TIR Revisions. TIR Revisions as annotated in Data Block 1 shall be handled in the same manner as stated in E.9.1 through E.9.5.

E.10 Test Meetings

E.10.1 Scoring Conferences

E.10.1.1 The Government will conduct Scoring Conferences to evaluate the PVT Trailers system-level maintainability and to ensure the accuracy and completeness of each Test Incident Report. System-level reliability and durability requirements will not be evaluated. The Government will provide notification of Scoring Conference processes and procedures at the start of work meeting.

E.10.1.2 Incident classifications may be revised based on known test data or frequency of a particular failure mode in accordance with AR 73-1, DA PAM 73-1. Only incidents resulting from the contractors nonconformance to the TDP and requirements as specified in Section C of this contract will result in a Hardware/Contractor Furnished Equipment (HW/CFE) TIR Chargeability.

E.10.1.3 The Government will provide official notification of the Scoring Conference schedule at the Start of Work Meeting. Schedule revisions are at the discretion of the Government and are subject to change. There are three (3) Scoring Conferences anticipated. The Contractor shall not attend or participate in the Scoring Conference in accordance with Department of the Army (DA) and Congressional directions. The Contractor may present a Pre-Brief to the Government Scoring Conference members consisting of relevant information, evidence, or opinions for consideration prior to the actual scoring of the TIRs. The submittal of a Contractor Scoring Conference Pre-Brief is an optional Pre-FACAR activity. If the Contractor elects to provide a Scoring Conference Pre-Brief, the document shall be submitted in a .pdf format to the PM-LTV Test Manager five (5) calendar days prior to the scheduled Scoring Conference. The Government will notify the Contractor of the Scoring Conference results through the PCO.

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E.10.2 Corrective Action Review Board (CARB) Meetings. The general purpose of the CARB is to determine the adequacy and effectiveness of the Contractor's FACARs (CDRL A008). The Contractor shall participate by tele-conference in all CARB meetings and respond to concerns (i.e. Quality, Logistics, Maintenance, Engineering, Safety, Transportability, MANPRINT/Human Factors) raised by the applicable FACARs.

E.10.2.1 Schedules. The Government will provide notification of all CARB Meeting schedules, processes, and procedures at the start of work meeting. CARB Meeting schedule revisions are at the discretion of the Government and are subject to change.

E.10.2.2 CARB Decision. The official notification of Government CARBs decision will be provided to the Contractor via written correspondence ten (10) days after the general CARB meeting convenes.

E.11 Reserved.

E.12 Production Quality: The production quality inspection and test requirements are specified below:

E.12.1. Conformance Inspection (CI) The Contractor shall perform Conformance Inspections on each production trailer and shall consist of a five mile road test without payload. The CI shall be conducted and documented using the Government approved Final Inspection Record (FIR).

E.12.2 Control Test (CT) The Contractor shall perform a Control Test on one (1) trailer per month. Each CT trailer shall be examined for defects and shall consist of a fifty mile road test with a full payload. The CT shall be conducted and documented using the Government approved FIR.

E.13 Changes in Manufacturing. After First Article Approval specified in E.2.1, the Contractor shall not make changes in materials, manufacturing methods, subcontractors or processes, or facilities without approval of the Procuring Contracting Officer. In the event of such changes, the Government reserves the right to require additional FAI at no cost to the government in order to validate that the changes have not adversely affected trailer performance.

E.14 Product Quality Deficiency Reports

E.14.1 The Product Quality Deficiency Report (PQDR) is a Government generated report of a defect or nonconforming condition detected on new or newly reworked Government owned products, premature equipment failures, and products in use that do not fulfill their expected purpose, operation or service due to deficiencies in design, specification, materiel, manufacturing, and workmanship. During the life of the contract, the Contractor shall investigate, provide failure analysis, and propose corrective actions for all PQDRs (Standard Form 368) generated against supplies produced under this contract in accordance with Army Regulation 702-7 and CDRL A006.

E.14.1.1 PQDRs consist of two categories:

(a) Category I PQDR: A report of a product quality deficiency which may cause death, injury, or severe occupational illness; would cause loss or major damage to a weapon system; critically restricts the combat readiness capabilities of the using organization; or which would result in a production line stoppage.

(b) Category II PQDRs: A report of a product quality deficiency which does not meet the criteria set forth in Category I.

E.14.2 Upon receipt of PQDRs on fielded trailers, the Contractor shall take the following actions:

- a. Verify the reported deficiency and begin an investigation.
- b. Request any necessary failed components.
- c. Perform failure analysis and determine root cause.
- d. Implement any interim action.
- e. Determine extent of problem, severity, and long term impact.
- f. Develop and implement permanent corrective action.
- g. Document corrective action.
- h. Assess the corrective action effectiveness.

E.14.3 If the PQDR investigation reveals latent defects or non-conformances to contract requirements, the Contractor shall repair or replace the deficient or non-conforming items pursuant to the contract clause FAR 52.246-2 entitled Inspection of Supplies -- Fixed-Price (Aug. 1996). At the Governments discretion, other corrective actions requiring configuration changes may be implemented via the ECP process and modified into the contract. Until the contract is modified the ECP shall not be incorporated into production.

E.14.4 PQDR Corrective Actions.

E.14.4.1 Interim Category I PQDR corrective action recommendations shall be provided within 24 hours. A final PQDR corrective action response is not required if the final response is provided as an interim submittal. In the event a final response cannot be provided within the specified interim time frame, a final corrective action recommendation for Category I PQDRs shall be provided within 20 days.

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E.14.4.2 Interim category II PQDR corrective action recommendations shall be provided within 72 hours. A final PQDR corrective action response is not required if the final response is provided as an interim submittal. In the event a final response cannot be provided within the specified interim time frame, a final corrective action recommendation for Category II PQDRs shall be provided within 30 days.

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

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SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Exhibit B	*CDRLS A001-A014	11-SEP-2012	014	
Attachment 0001	*MIL-DTL-45150M	11-SEP-2012	026	
Attachment 0002	*TDP 8358998, REV AF, M200A1 TRAILER	11-SEP-2012	001	
Attachment 0003	*DWG 04-21234, AMMPS	11-SEP-2012	003	
Attachment 0008	*PRICING SPREADSHEET	10-SEP-2012	001	