

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. Contract ID Code  
Firm Fixed Price

Page 1 Of 16

2. Amendment/Modification No. 0008	3. Effective Date 2014MAY05	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
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6. Issued By U.S. ARMY CONTRACTING COMMAND ROBIN JEDRZEJEK WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL  EMAIL: ROBIN.JEDRZEJEK@US.ARMY.MIL	Code W56HZV	7. Administered By (If other than Item 6)	Code
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8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)	<input checked="" type="checkbox"/>	9A. Amendment Of Solicitation No. W56HZV-13-R-0452
		9B. Dated (See Item 11) 2013DEC20
	<input type="checkbox"/>	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.

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.**

<input type="checkbox"/>	A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A.	The Changes Set Forth In Item 14 Are Made In
<input type="checkbox"/>	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).	
<input type="checkbox"/>	C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:	
<input type="checkbox"/>	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  (Signature of person authorized to sign)	15C. Date Signed	16B. United States Of America  By _____ /SIGNED/ (Signature of Contracting Officer)	16C. Date Signed

**CONTINUATION SHEET****Reference No. of Document Being Continued****Page 2 of 16**

PIIN/SIIN W56HZV-13-R-0452

MOD/AMD 0008

**Name of Offeror or Contractor:**

## SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: ROBIN JEDRZEJEK  
Buyer Office Symbol/Telephone Number: CCTA-AHL-A/(586)282-8388  
Type of Contract: Firm Fixed Price  
Kind of Contract: Service Contracts

\*\*\* End of Narrative A000 \*\*\*

The purpose of Amendment 0008 is to add the following information to solicitation W56HZV-13-R-0452:

## 1. Section C changes:

## From:

C.2 The contractor shall produce, install the kits listed below, and deliver modified Bradley vehicles at the Performance locations outlined in Section F. The contractor shall be responsible for all inventory receiving, assembling, kitting (if applicable), and storage of the individual parts of the MWO in accordance with the Parts List of each kit prior to shipping to the U.S. Government (USG) performance location for installation. The contractor shall package and ship the kits to each location in a manner that optimizes installation. The Government will only guarantee a minimum of approximately 15 vehicles worth of kits and material storage space at each Government installation at any given time, under the assumption that the contractor is continually dispositioning parts in accordance with C.9 below. The Government will allow access to Government installation starting one week prior to installation start. The Modification Work Orders below list all parts required for procurement, reference all drawings, and list all tools required for the 55-level modification kits.

## To:

C.2 The contractor shall produce, install the kits listed below, and deliver modified Bradley vehicles at the Performance locations outlined in Section F. The contractor shall be responsible for all inventory receiving, assembling, kitting (if applicable), and storage of the individual parts of the MWO in accordance with the Parts List of each kit prior to shipping to the U.S. Government (USG) performance location for installation. The contractor shall package and ship the kits to each location in a manner that optimizes installation. The Government will only provide up to 15 vehicles worth of kits and material storage space at each Government installation at any given time, under the assumption that the contractor is continually dispositioning parts in accordance with C.9 below. The Government will allow access to Government installation up to 15 days prior to installation start. The Modification Work Orders below list all parts required for procurement, reference all drawings, and list all tools required for the 55-level modification kits.

## 2. Section E clause updates:

Added: 52.246-11 Higher-Level Contract Quality Requirement Feb/1999

Deleted: 52.246-4025 Higher-Level Contract Quality Requirement--TACOM Quality System Jan/2009 (TACOM) Requirement

## 3. Section F clause updates:

252.211-7003 Item Unique Identification and Valuation-From June 2013, To Dec 2013

## 4. Section I changes:

## a. The following clauses have been updated:

252.227-7013 Rights in Technical Data - Noncommercial Items - From June 2013, To Feb 2014

252.227-7014 Rights in Noncommercial Computer Software and Noncommercial Computer Software Documentation - From May 2013, To Feb 2014

252.227-7015 Technical Data--Commercial Items - From June 2013, To Feb 2014

252.204-7004 Alternate A, System For Award Management - From May 2013, To Feb 2014

252.209-7004 Subcontracting with Firms that are Owned or Controlled By the Government of a Terrorist Country - From Dec 2006, To Mar 2014

**CONTINUATION SHEET****Reference No. of Document Being Continued****Page 3 of 16**

PIIN/SIIN W56HZV-13-R-0452

MOD/AMD 0008

**Name of Offeror or Contractor:**

52.222-19 Child Labor Cooperation with Authorities and Remedies - From Nov 2013, To Jan 2014

52.244-6 Subcontracts For Commercial Items - From July 2013 to Dec 2013

b. The following clauses have been deleted:

52.219-9 Small Business Subcontracting Plan (JUL 2013) ALTERNATE II (OCT 2001) by reference only.

Please note the RFP contains 52.219-9 ALT II Small Business Subcontracting Plan (DEVIATION 2013-00014) (AUG 2013) Alternate II dated October 2001 in full text.

252.219-7003 Small Business Subcontracting Plan (DoD CONTRACTS) by reference only.

Please note the RFP contains 252.219-7003 Small Business Subcontracting Plan (DoD Contracts) (DEVIATION 2013-00014) Alternate II dated October 2001 (AUG 2013) in full text.

52.242-4 Certification of Final Indirect Costs

52.244-5 Competition in Subcontracting

c. The following clauses have been added:

252.204-7015 Disclosure of Information to Litigation Support Contractors FEB-2014

5. Section J update:

Attachment 0017q - 12298330-Washer (Title only) is updated to correct a typo in the title only. Attachment 0017q is now titled 12298300-Washer.

6. Offerors shall respond to this amendment by 5:00 pm on Thursday, 08 May 2014 by providing a signed copy of this amendment, along with any updated proposal volumes impacted by this amendment.

Send all responses via email to:

Robin.a.Jedrzejek.civ@mail.mil and Doreen.j.Costa.civ@mail.mil.

7. All other terms and conditions of W56HZV-13-R-0452, excepted as amended herein remain unchanged.

\*\*\* END OF NARRATIVE A0009 \*\*\*

**Name of Offeror or Contractor:**

## SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 This contract is for the procurement, packaging and application of Modification Work Order kits (MWO) (55-Level) to Bradley Fighting Vehicles located in the Continental United States (CONUS). The MWOs address improvements to the Suspension and Track assemblies that drive the Bradley Fighting Vehicle (BFV). This task requires the contractor to remove and replace the Suspension and Track assemblies following MWO Kit instructions and other technical data to assure proper reassembly for safe operation of the BFV. Work performed will be monitored and the quality of installation will be verified through Quality Assurance inspections to assure all work is complete before vehicles are accepted and returned to the Brigade. The contractor shall furnish all supplies and services necessary to accomplish this contract. The contractor shall provide all technical support, including interpreting drawings and technical data, required under this contract.

C.2 The contractor shall produce, install the kits listed below, and deliver modified Bradley vehicles at the Performance locations outlined in Section F. The contractor shall be responsible for all inventory receiving, assembling, kitting (if applicable), and storage of the individual parts of the MWO in accordance with the Parts List of each kit prior to shipping to the U.S. Government (USG) performance location for installation. The contractor shall package and ship the kits to each location in a manner that optimizes installation. The Government will only provide up to 15 vehicles worth of kits and material storage space at each Government installation at any given time, under the assumption that the contractor is continually dispositioning parts in accordance with C.9 below. The Government will allow access to Government installation up to 15 days prior to installation start. The Modification Work Orders below list all parts required for procurement, reference all drawings, and list all tools required for the 55-level modification kits.

T161 Track System Kit

- MWO 9-2350-403-55-1, T161 Track System (Duel Pin Track System) (Attachment 0008 and the sub attachments)
- Part Number 57K6627 (T161 Track Mod Kit Drawing) (Attachment 0009)
- T161 Track Mod Kit Installation Instructions, 12496801 (Attachment 0010)

Torsion Bar Kit

- MWO 9-2350-408-55-4, Heavy Weight Torsion Bar (Attachment 0011 and the sub attachments)
- Part Number 57K6681 (Torsion Bar Mod Kit Drawing) (Attachment 0012)
- Torsion Bar Mod Kit Installation Instructions, 12520480 (Attachment 0013)

Shock Absorber Kit

- MWO 9-2350-408-55-2, Vehicle Shock Absorber (Attachment 0014 and the sub attachments)
- Part Number 57K6769 (Shock Absorber Mod Kit Drawing) (Attachment 0015)
- Shock Absorber Mod Kit Installation Instructions, 12556023 (Attachment 0016)

Roadarm System Kit

- MWO 9-2350-408-55-3, Vehicle Suspension Roadarm System (Attachment 0017 and the sub attachments)
- Part Number 57K6692 (Vehicle Suspension Roadarm System Mod Kit)(Attachment 0018)
- Vehicle Suspension Roadarm System Mod Kit Installation Instructions, 12520481 (Attachment 0019)

## All Kits:

Attachment 0026, Technical Document Discrepancies, lists the discrepancies between the MWOs and the Drawings.

C.2.1. The contractor shall procure and deliver new Authorized Stockage List (ASL), Basic Issue Items (BII) and Special Tools and Test Equipment (STTE) quantities in Attachment 0021, as required by each Delivery Order, in accordance with paragraph C.7.4.

C.2.2 The contractor shall distribute status reports detailing hardware ordered, hardware delivered, retrofit kits installed, missing parts status, and other status to the PM ABCT MWO coordinator in accordance with CDRL A001.

C.3 The contractor shall install Bradley track, torsion bar, shock absorber and road-arm kits using the Attachments in C.2 above. The contractor is required to use the approved or suggested sources of supply on all drawings that contain this legend. The contractor shall repair or replace any items that are damaged or broken by neglectful installation practices while the vehicle is in its custody at no expense to the Government. Installation facilities will be provided by the Government, similar to the installation diagram in Attachment 0007, Facility Diagram. The Government will coordinate with Army units to provide maintenance bays for MWO application with co-located storage for tools and material. The Government is not responsible for storage of tools and materials for any time outside of the period of installation. The contractor shall provide all labor, tooling, material, job aids and mission support equipment necessary to complete this task, including forklift, power generation, and air compressor capabilities to support the install effort at each location. Use of the units BII and special tools by the contractor will not be authorized. The contractor shall comply with all Federal, State, and local environmental laws, regulations, and policies. The contractor shall fully disposition all removed components no later than two weeks after final vehicle joint inspection for the Delivery Order.

C.4 A list of Government Furnished Material and Government Furnished Information (GFM and GFI) that will be provided to the contractor is included in Attachment 0006. The Government MWO coordinator will ship the GFM to the contractor at each Brigade location for use.

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b>	<b>Page 5 of 16</b>
	PIIN/SIIN W56HZV-13-R-0452	MOD/AMD 0008

**Name of Offeror or Contractor:**

The Government will not provide any Basic Issue Items (BII) and Special Tools and Test Equipment (STTE) listed under paragraph 9 in each MWO document during the performance and application of kits. The contractor shall apply the GFM if the part becomes lost, broken, or unserviceable. The contractor shall retain the unused parts and transfer them to the next unit until exhausted or dispositioned.

C.5 Quality Assurance.

C.5.1 Product Quality Deficiency Reports (PQDR). The contractor shall investigate and provide Failure Analysis and Corrective Action Report (FACAR) as a result of PQDR, Standard Form 368, generated against supplies (MWO Kit content and any other hardware) produced under this contract in accordance with CDRL A002. The contractor shall provide a report which includes the nature of the investigation, root cause, action taken to correct the deficiency, action taken to prevent recurrence, remedial action, identification of affected material, date of full implementation of corrective action and interim action. The proposed point of effective corrective action application shall be identified by product serial number and manufacturing date as applicable. All costs related to PQDR investigations including lab analysis, transportation and shipping, replacement hardware and transportation to PQDR originator are the contractors responsibility. The contractor shall provide replacement components for all PQDR investigations that identify deficiencies attributable to contractor or supplier workmanship and product nonconformance.

C.5.2 The contractor shall submit a final written response, in contractor format for each PQDR received. If a final response is not ready for submittal, the contractor shall submit an interim response detailing the status of the investigation (CDRL A002). The response should report on the nature of the investigation, root cause, action taken to correct the deficiency, action taken to prevent recurrence, remedial action, identification of affected material, date of full implementation of corrective action, interim action and contractors position with respect to repair or replacement parts.

C.5.3 The contractor shall submit Requests for Variances per MIL-STD-3046, paragraph 5.5.8, in accordance with CDRL A005 for any item that does not meet the approved configuration requirements.

C.5.4 Performance Specifications are provided for quality assurance purposes as Government Furnished Information (attachment 0006). The Configuration Item Development Specification (CIDS) for the Torsion Bar, Suspension will be provided to the contractor as GFI in (attachment 0006b). The Configuration Item Development Specification (CIDS) for the Shock Absorber, Direct Action will be provided in (attachment 0006c).

C.6 [RESERVED]

C.7 Logistics.

C.7.1 The contractor shall perform a 10-kilometer road test prior to the joint inspection in accordance with the Functional Inspection Checklist (Attachment 0003) between the contractor and the unit representative to establish a vehicle baseline and record all faults with the mounting surfaces and attachment points of the Track Kits, Torsion Bar Kits, Shock Absorber Kits, and Roadarm mount Kits, prior to MWO installation. Once vehicles are in contractor possession, the contractor shall be responsible for any logistical movement of the vehicle from the inspection point to the maintenance point (typically not to exceed 5 miles). The Procurement Contracting Officer (PCO) will serve as the mediator between the contractor and unit for any issues that arise during pre and, post MWO application and during inspection. When MWO installation is complete and after successful completion of the 10K road test the contractor shall re-use the Functional Inspection Checklist (Attachment 0003) to perform a joint post-inspection with the unit representative to verify the new MWOs have been applied and repair any faults attributable to the MWO application process that were not recorded in the baseline inspection. Signatures from both the contractor and lead unit personnel shall be required on both inspections for vehicle hand-off.

C.7.2 The contractor shall participate and assist the PM ABCT MWO coordinators in performing a joint New Material Introduction Brief (NMIB) to Brigade representatives. The contractor shall develop the briefing to be presented during the NMIB and MRL review prior to the application of MWO modifications at each Brigade. The briefing shall confirm the schedule, supply transactions, and responsibilities of each organization during the MWO installation process. As part of the briefing, the contractor shall provide a technical description of the MWO modifications, and a list of the tools, lift support, ASL, BII, and STTE. The PM ABCT MWO coordinator will contact each Brigade to establish the New Material Introductory Briefing (NMIB) dates.

C.7.3 For each Brigade level MWO application the contractor shall develop, maintain, and deliver a Material Requirements List (MRL) that identifies each gaining units requirements in accordance with AR DA PAM700-142, Type Classification, Material Release, Fielding and Transfer, and Instructions for Material Release, Fielding, and Transfer in accordance with CDRL A004. The MRL will provide issue quantity and gaining command data.

C.7.4. The contractor shall have knowledge of the Army Class 2 and Class 9 Supply System to assist the gaining command with processing of required supply transactions to ensure that all issued equipment is received in SARSS-1, PBUSE, GCSS-A, or other applicable accountable database for accountability and visibility of assets. The contractor shall conduct a joint inventory with the gaining unit and issue all BII, STTE, and ASL using the appropriate DA forms for hand-off of material.

C.7.5 The contractor shall have access to the Logistics Information Warehouse (LIW). The contractor can gain access to the

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b>	<b>Page 6 of 16</b>
	PIIN/SIIN W56HZV-13-R-0452	MOD/AMD 0008

**Name of Offeror or Contractor:**

Maintenance Modification Information System (MMIS) system through the LIW at (<https://liw.logsa.army.mil>). The contractor shall prepare an MWO sign off sheet for each modification installed and provide a copy to the PM ABCT MWO coordinators for approval before inputting data into the MMIS in accordance with CDRL A003.

C.7.6 New Equipment Training (NET). The contractor shall provide certified trainers to conduct NET for all operator personnel for each Brigade. The trainers shall submit their certifications to the Government for validation no later than 60 days prior to scheduled training. The contractor may provide input and recommended changes to the Government NET Program of Instructions (POI) and shall conduct NET POI with assistance from military or Government representatives and with contractor certified personnel for all operator-approved training. For each Brigade, the contractor shall conduct one NET class for Armor Combined Arms Battalion (CAB), one NET class for Infantry CAB, and one NET class for Armored Reconnaissance Squadron (ARS) for a total of three (3) classes per Brigade. Each class will be one day in duration. A POI and Training Support Package (TSP) will be provided to the contractor as GFI (Attachment 0006a) for the T161 track kit. The contractor shall use the POI and TSP for NET which shall be consolidated at the fielding or receiving units home station and shall utilize their existing training ranges and facilities whenever feasible. The contractor shall provide all items required for conducting training in accordance with the NET except GFI, Special Tools and Test Equipment (STTE), ammunition, Petroleum Oil and Lubricants (POL), and facilities. The POI and Training Support Package shall be provided to the units as a stay-behind training packet.

C.7.7 Training Material and Documentation. For each NET course, the contractor shall reproduce and deliver 120 copies of the Government-Furnished POI and TSP for each Brigade.

C.8 The contractor shall perform a 10 kilometer road test on each vehicle to coincide with the vehicle baseline inspection in accordance with installation policies to verify that the MWO kits are installed properly. The contractor shall ensure that the driver and track commander have a DA 348 military license for Bradley vehicles. The contractor shall provide the necessary equipment operators and ground guides for vehicle operations. The contractor shall repair or replace any components of the MWO kits that are broken during the road test. The contractor shall complete a DA Form 2404, Equipment Maintenance and Inspection Worksheet, to document the results of the road test. One copy of the Form shall be provided to the Brigade after completion of each Brigade set, and the contractor shall keep a copy of the completed form on file for one year after completion of the test.

C.8.1 The contractor shall perform the following tasks as part of the 10 kilometer road test to determine the functionality and fluid leakage of the parts replaced and to verify the torque specifications on the suspension system:

- a. Drive each vehicle for 10 kilometers on hard surface road
- b. Check vehicle braking
- c. Check steering 360 degree pivot right
- d. Check steering 360 degree pivot left
- e. Check steering in forward and reverse
- f. Torque check track suspension
- g. General inspection of installation of the kits IAW the MWOs listed in paragraph C.2
- h. Document the results on DA Form 2404

C.9 The contractor is responsible for providing all banding material and equipment needed to support the turn-in and disposition of used hardware. The contractor shall dispose of parts or assemblies and subassemblies removed from the vehicles as follows:

C.9.1 The contractor shall turn-in the following items through the Supply Support Activity: T157i Track System Kits, Part Number 12359466-3 , 12359466-4 and Shock Absorber, Part Number 12369308,

C.9.2 The contractor shall remove, cut in half, and scrap the following items in accordance with the local command policies: Torsion Bars, Part Numbers 12367398-1, 12367398-2, 12367398-3, and 12367398-4.

C.9.3 The contractor shall remove, cut in half, and scrap the following items from the T157i Track System Kit in accordance with the local command policies: Sprocket Wheel, Part Number 12295277; Carrier, Sprocket Drive, Part Number 12384668; Plate, Mounting, Part Number 12293285; Guard, Track, Part Number 12317168; Guard, Mechanical Drive, Part Number 12293208; Guard, Track, Right Side, Part Number 12316775.

C.9.4 The contractor shall remove, cut in half, and scrap the following items in accordance with the local command policies: Support Arm Assemblies, Part Number 12296931-1 and 12296931-2.

C.10 The contractor is required to submit all data deliverables to the Bradley ECP Integrated Development Environment (IDE). A Common

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b>	<b>Page 7 of 16</b>
	PIIN/SIIN W56HZV-13-R-0452	MOD/AMD 0008

**Name of Offeror or Contractor:**

Access Card (CAC) is not required for access to the IDE. The contractor shall follow the process below to obtain access to the Bradley ECP IDE:

1. Apply for Army Knowledge Online (AKO) Account:
  - a. URL: <https://www.us.army.mil>
  - b. Sponsor: MAJ Jermaine Hampton
  - c. Sponsor AKO email: [Jermaine.hampton@us.army.mil](mailto:Jermaine.hampton@us.army.mil) or
  
2. Apply for a Knowledge Center Portal Account:
  - a. URL: <https://www.peogcs.army.mil/PortalApplication/PEOReg.asp>
  - b. Sponsor: MAJ Jermaine Hampton or
  - c. Sponsor AKO email: [Jermain.hampton@us.army.mil](mailto:Jermain.hampton@us.army.mil) or
  - d. AKO email address: Enter AKO email address you created from AKO above (e.g., [john.a.smith.ctr@us.army.mil](mailto:john.a.smith.ctr@us.army.mil))
  - e. Account Reason: Requesting access to IDE CDRL canvas for uploading CDRL(s) for contract TBD, Bradley ECPl program.
  - f. Favorable investigation or active security clearance. KC Help Desk email: [usarmy.detroit.peogcs.mbx.portal@mail.mil](mailto:usarmy.detroit.peogcs.mbx.portal@mail.mil)
  
3. Once #1 and #2 are approved, the user can be added to the CDRL portal.

C.11 Security

C.11.1 Controlled Unclassified Information (CUI): CUI provided to or generated pursuant to this contract shall be protected. The procedures for the protection of CUI are outlined in Attachment 0022.

C.11.2 Protection and Disclosure of Information Public Release Requests

(1) Except for Bradley Family of Vehicles (FOV) Program Information previously approved for public release by the Government under the PM ABCT, the contractor shall not release any Bradley FOV Program information regarding the work performed under this contract outside of (i) the United States Government, (ii) its own facility, (iii) its subcontractors performing Bradley FOV work at any tier, (iv) Associate Contractors, at any tier, and (v) any other individual or entity that is contractually bound to protect Bradley FOV Program Information from public release without first obtaining approval for Public Release. Bradley FOV information is any Program information on the Bradley FOV effort.

(2) The contractor shall send all such requests for public-release approval to the PCO in accordance with Clause 252.204-7000 for a review by Bradley FOV technical and Security Office personnel, culminating in a determination by the PCO, or authorized representative. The PCO, or authorized representative, will, after appropriate review, either authorize or reject the request to disseminate Bradley FOV program information publicly. Note that authorization may be given contingent on specified changes being made to the material for which public release has been requested. Subcontractors and Associate contractors shall submit such public release requests through the prime contractor.

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

**CONTINUATION SHEET****Reference No. of Document Being Continued****Page 8 of 16**

PIIN/SIIN W56HZV-13-R-0452

MOD/AMD 0008

**Name of Offeror or Contractor:**

SECTION E - INSPECTION AND ACCEPTANCE

<u>Status</u>	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
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E-1 CHANGED	52.246-11	HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT	FEB/1999
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The Contractor shall comply with the higher-level quality standard selected below. [If more than one standard is listed, the offeror shall indicate its selection by checking the appropriate block.]

Title	Number	Date	Tailoring
ISO	9001	2008	Delete 7.3 or comparable system

(End of Clause)

E-2 DELETED	52.246-4025 (TACOM)	HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT--TACOM QUALITY SYSTEM REQUIREMENT	JAN/2009
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<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b>	<b>Page 9 of 16</b>
	PIIN/SIIN W56HZV-13-R-0452	MOD/AMD 0008

**Name of Offeror or Contractor:**

SECTION F - DELIVERIES OR PERFORMANCE

<u>Status</u>	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
F-1 CHANGED	252.211-7003	ITEM UNIQUE IDENTIFICATION AND VALUATION	DEC/2013

(a) Definitions. As used in this clause

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

"Concatenated unique item identifier" means

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

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

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

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

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

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

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

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

"Governments unit acquisition cost" means

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

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

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

"Issuing agency" means an organization responsible for assigning a globally unique identifier to an enterprise (e.g., Dun & Bradstreet's Data Universal Numbering System (DUNS) Number, GS1 Company Prefix, Allied Committee 135 NATO Commercial and Government Entity (NCAGE)/Commercial and Government Entity (CAGE) Code, or the Coded Representation of the North American Telecommunications Industry Manufacturers, Suppliers, and Related Service Companies (ATIS-0322000) Number), European Health Industry Business Communication Council (EHIBCC) and Health Industry Business Communication Council (HIBCC)), as indicated in the Register of Issuing Agency Codes for ISO/IEC 15459, located at <http://www.nen.nl/web/Normen-ontwikkelen/ISOIEC-15459-Issuing-Agency-Codes.htm>.

"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.

**CONTINUATION SHEET**

**Reference No. of Document Being Continued**

**Page 10 of 16**

**PIIN/SIIN** W56HZV-13-R-0452

**MOD/AMD** 0008

**Name of Offeror or Contractor:**

"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 [http://www.acq.osd.mil/dpap/pdi/uid/uii\\_types.html](http://www.acq.osd.mil/dpap/pdi/uid/uii_types.html).

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

(c) Unique item identifier.

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

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

Contract Line,	
Subline, or	
Exhibit Line Item Number	Item Description
<u>NA</u>	<u>NA</u>

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

Contract Line,	
Subline, or	
Exhibit Line Item Number	Item Description
<u>NA</u>	<u>NA</u>

(iii) Subassemblies, components, and parts embedded within delivered items, items with warranty requirements, DoD serially managed repairables and DoD serially managed nonrepairables as specified in Attachment Number NA.

(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

**Name of Offeror or Contractor:**

Attachment Number NA.

(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

(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

**Name of Offeror or Contractor:**

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.

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

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

**Name of Offeror or Contractor:**

(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 <http://dodprocurementtoolbox.com/site/uidregistry/>; or

(iii) Via WAWF as a deliverable attachment for exhibit line item number -7-, 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)

**CONTINUATION SHEET****Reference No. of Document Being Continued**

Page 14 of 16

PIIN/SIIN W56HZV-13-R-0452

MOD/AMD 0008

**Name of Offeror or Contractor:**

## SECTION I - CONTRACT CLAUSES

<u>Status</u>	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
I-1 DELETED	52.219-9	SMALL BUSINESS SUBCONTRACTING PLAN (JUL 2013) -- ALTERNATE II (OCT 2001)	OCT/2001
I-2 CHANGED	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	JAN/2014
I-3 DELETED	52.242-4	CERTIFICATION OF FINAL INDIRECT COSTS	JAN/1997
I-4 DELETED	52.244-5	COMPETITION IN SUBCONTRACTING	DEC/1996
I-5 CHANGED	52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS	DEC/2013
I-6 CHANGED	252.204-7004	ALTERNATE A, SYSTEM FOR AWARD MANAGEMENT	FEB/2014
I-7 ADDED	252.204-7015	DISCLOSURE OF INFORMATION TO LITIGATION SUPPORT CONTRACTORS	FEB/2014
I-8 CHANGED	252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY	MAR/2014
I-9 DELETED	252.219-7003	SMALL BUSINESS SUBCONTRACTING PLAN (DoD CONTRACTS)	AUG/2012
I-10 CHANGED	252.227-7013	RIGHTS IN TECHNICAL DATA--NONCOMMERCIAL ITEMS	FEB/2014
I-11 CHANGED	252.227-7014	RIGHTS IN NONCOMMERCIAL COMPUTER SOFTWARE AND NONCOMMERCIAL COMPUTER SOFTWARE DOCUMENTATION	FEB/2014
I-12 CHANGED	252.227-7015	TECHNICAL DATA--COMMERCIAL ITEMS	FEB/2014

**Name of Offeror or Contractor:**

## SECTION J - LIST OF ATTACHMENTS

\* RFP Attachments only, will not be included in the final contract

The following attachments are additional sub-attachments that are included in this contract:

Attachment 0006a	T-161 Track System Training and Support Package/Program of Instruction
Attachment 0006b	Configuration Item Development Specification (CIDS) for the Torsion Bar, Suspension
Attachment 0006c	Configuration Item Development Specification (CIDS) for Shock Absorber, Direct Action
Attachment 0008a	12496774 - Suspension Installation
Attachment 0008b	12496775 - Roadwheel Lifter
Attachment 0008c	7083799 - Track Fixture
Attachment 0008d	57K6723 - Center Guide Kit
Attachment 0008e	57K6724 - End Connector Kit
Attachment 0008f	57K6725 - Pad Kit
Attachment 0008g	12496790 - Molded Track Pin
Attachment 0008h	12496792 - Molded Track Block
Attachment 0008i	12496785 - Molded Track Pad
Attachment 0008j	12496789 - Track Link
Attachment 0008k	12367399 - Suspension Installation
Attachment 0008l	12496780 - Carrier, Drive Sprocket
Attachment 0008m	12496781 - Sprocket, Drive
Attachment 0008n	12496782 - Guard, Left Track
Attachment 0008o	12496783 - Guard, Right Track
Attachment 0008p	12496798 - Bumper (Guard, Shock Absorber)
Attachment 0008q	12496800 - Track Assy, Right
Attachment 0008r	12496790 - T161 Pin Assembly
Attachment 0008s	12520467 - Suspension Installation (T161 improved suspension)
Attachment 0008t	12488246 - Pad Nut
Attachment 0008u	12496786 - Pad Plate Assembly
Attachment 0008v	12496791 - Track Pin
Attachment 0008w	12496793 - Track Block
Attachment 0008x	12496794 - End Connector
Attachment 0008y	12496795 - Center Guide Wedge
Attachment 0008z	12496796 - Center Guide
Attachment 0008aa	12496797 - Center Guide Cap
Attachment 0008ab	12496798 - Shock Guard
Attachment 0008ac	12555907 - End Connector Puller Base
Attachment 0008ad	12555908 - End Connector Puller Screw
Attachment 0008ae	12555909 - End Connector Puller
Attachment 0008af	12496785 - Track Pad
Attachment 0008ag	12496787 - Pad Plate
Attachment 0008ah	12496788 - Square Neck Bolt
Attachment 0011a	57K0391 - Repair Kit
Attachment 0011b	12296957 - Installing Tool Bearing
Attachment 0011c	2590157 - Drift Pin
Attachment 0011d	12298091 - T157-I Roadwheel Lifter
Attachment 0011e	12496775 - T161 Roadwheel Lifter
Attachment 0011f	5573615 - Puller Slide
Attachment 0011g	12298145 - Shock Absorber Remover
Attachment 0011h	12298092 - Torsion Bar Extractor
Attachment 0011i	12520465 - Torsion Bar
Attachment 0011j	12520482 - Torsion Bar Suspension
Attachment 0011k	RESERVED
Attachment 0011l	2586895 - Washer, Triangle
Attachment 0011m	12296766 - Ring, Retaining
Attachment 0011n	12296921 - Seal
Attachment 0014a	12296957 - Installing Tool Bearing
Attachment 0014b	12298145 - Shock Absorber Remover
Attachment 0014c	12298092 - Torsion Bar Extractor
Attachment 0014d	12520477 - Shock Absorber
Attachment 0014e	12520484 - Seal, Rubber
Attachment 0014f	12369310 - Seal, Non-Metallic Angle
Attachment 0017a	12520468 - Support Assembly Suspension
Attachment 0017b	12296957 - Installing Tool Bearing

**CONTINUATION SHEET****Reference No. of Document Being Continued**

Page 16 of 16

PIIN/SIIN W56HZV-13-R-0452

MOD/AMD 0008

**Name of Offeror or Contractor:**

Attachment 0017c	12298091 - T157-I Roadwheel Lifter
Attachment 0017d	12496775 - T161 Roadwheel Lifter
Attachment 0017e	12298145 - Shock Absorber Remover
Attachment 0017f	12298092 - Torsion Bar Extractor
Attachment 0017g	12520479 - Road Arm Bearing
Attachment 0017h	12520471 - Pivot Arm Assembly
Attachment 0017i	12520469 - Support Housing Assy, Suspension
Attachment 0017j	12328726 - Nut
Attachment 0017k	12328725 - Nut
Attachment 0017l	12296935 - Hub Assembly
Attachment 0017m	12296926 - Hub Cap
Attachment 0017n	10910174 - Washer
Attachment 0017o	12358858 - Bearing Assy
Attachment 0017p	12369947 - Lock Nut
Attachment 0017q	12298300 - Washer
Attachment 0017r	12350941 - Bearing Assy
Attachment 0017s	12296715 - Seal Assy
Attachment 0017t	12295554 - Seal
Attachment 0017u	11669450 - Seal Assy, Arm Assy to Spt Housing Assy
Attachment 0017v	10863380 - Washer, Special
Attachment 0017w	12297034 - Spacer
Attachment 0017x	12520473 - Arm Assembly
Attachment 0017y	12295542 - Bolt
Attachment 0017z	12295289 - Housing, Hub Cap
Attachment 0017aa	12295552 - Indicator (Sight Glass)
Attachment 0017ab	Quality Assurance Provision (QAP) Housing, Hub Cap
Attachment 0017ac	Quality Assurance Requirements (QAR) Hub, Roadwheel
Attachment 0017ad	Quality Assurance Provision (QAP) Bolt
Attachment 0017ae	12520476 - Road Arm Trunnion

\*\*\* END OF NARRATIVE J0001 \*\*\*