

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

1. Contract ID Code  
Firm Fixed Price

Page 1 Of 17

2. Amendment/Modification No. 0001	3. Effective Date 2014JUL16	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
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6. Issued By U.S. ARMY CONTRACTING COMMAND CHAD ANDERSON WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL  EMAIL: CHAD.R.ANDERSON11.CIV@MAIL.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-0114
		9B. Dated (See Item 11) 2014JUN23
	<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

**Name of Offeror or Contractor:**

## SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: CHAD ANDERSON  
Buyer Office Symbol/Telephone Number: CCTA-HBA-N/(586)282-2942  
Type of Contract: Firm Fixed Price  
Kind of Contract: Supply Contracts and Priced Orders

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

The purpose of amendment 0001, to solicitation W56HZV-13-R-0114, is to do the following:

- 1) Update the Level of Preservation and Packing, of CLINs 0011-0015 and 0021-0025, to Military B.
- 2) Add NSN 1670-01-627-4253 and part number (P/N) 11-1-7750-1 to CLINs 0021-0025.
- 3) Update 52.211-4515(a)(2), "Packaging Requirements (Special Packaging Instructions)," Level of Packing to B.
- 4) Remove Section E-1.1.4.2 titled "Packing".
- 5) Update 52.242-4457, "Delivery Schedule For Delivery Orders," to the following:
  - (i) If FAT is required, start deliveries 210 days after the delivery order date; or
  - (ii) If FAT is not required; FAT is waived; or for subsequent delivery orders to be delivered after initial FAT approval with first delivery order, start deliveries 90 days after delivery order date.
- 6) Update 52.247-4457, "Long Term Contracts - FOB Destination," to the following:

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

100% within the Contiguous United States (CONUS)
- 7) Update 52.209-3, "First Article Approval -- Contractor Testing...", to the following:
  - (b) The Contractor shall submit the first article test report within 210 calendar days from the date of this contract to SEE CDRL A001 for delivery information, marked First Article Test Report: Contract No., Lot/Item No. 0001. Within 30 calendar days after the Government receives the test report, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.
- 8) Update Segregated Pack Number 15, of Note 17B, within the Special Packaging Instructions located in Section J, Attachment 0003, to Part Number 11-1-7750-1.
- 9) Incorporate the Specification Conversion Table and Deviation Package, dated 20 July 2012, into the Technical Data Package (TDP) located in Section J, Attachment 0004.
- 10) Add Attachment 0006, located in Section J, titled "Deviation Package."
- 11) Update "Date of First Submission," of Exhibit A (CDRL A001), to 120 DAC.

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**Name of Offeror or Contractor:**

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12) Correct 2.a., of Exhibit A (CDRL A001), to reflect the most current TDP date of 13 November 2013.

13) Update 2.p. and 3.b.1, of Exhibit A (CDRL A001), to reflect the most current Deviation Package date of 18 October 2013.

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

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0011	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>FIRST ORDERING YEAR</u></p> <p>NSN: 1670-01-527-7537                      COMMODITY NAME: MC-6 PERSONNEL PARACHUTES                      CLIN CONTRACT TYPE:                      Firm Fixed Price                      FSCM: 81337                      PART NR: 11-1-7400</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                      SEE PACKAGING CLAUSE                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p>FOB POINT: Destination</p> <p>SHIP TO:                      (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE                      (SHIP-TO) WILL BE FURNISHED PRIOR                      TO THE SCHEDULED DELIVERY DATE FOR                      ITEMS REQUIRED UNDER THIS                      REQUISITION.</p>	EST 1875	EA	\$ _____	\$ _____
0012	<p><u>SECOND ORDERING YEAR</u></p> <p>NSN: 1670-01-527-7537                      COMMODITY NAME: MC-6 PERSONNEL PARACHUTES                      CLIN CONTRACT TYPE:                      Firm Fixed Price                      FSCM: 81337                      PART NR: 11-1-7400</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                      SEE PACKAGING CLAUSE                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p>FOB POINT: Destination</p>	EST 937	EA	\$ _____	\$ _____

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**Name of Offeror or Contractor:**

<b>ITEM NO</b>	<b>SUPPLIES/SERVICES</b>	<b>QUANTITY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>AMOUNT</b>
	<p>SHIP TO: (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</p>				

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0013	<p><u>THIRD ORDERING YEAR</u></p> <p>NSN: 1670-01-527-7537                      COMMODITY NAME: MC-6 PERSONNEL PARACHUTES                      CLIN CONTRACT TYPE:                          Firm Fixed Price                      FSCM: 81337                      PART NR: 11-1-7400</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                          SEE PACKAGING CLAUSE                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin      ACCEPTANCE: Origin</p> <p>FOB POINT: Destination</p> <p>SHIP TO:                      (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE                          (SHIP-TO) WILL BE FURNISHED PRIOR                          TO THE SCHEDULED DELIVERY DATE FOR                          ITEMS REQUIRED UNDER THIS                          REQUISITION.</p>	EST 1250	EA	\$ _____	\$ _____
0014	<p><u>FOURTH ORDERING YEAR</u></p> <p>NSN: 1670-01-527-7537                      COMMODITY NAME: MC-6 PERSONNEL PARACHUTES                      CLIN CONTRACT TYPE:                          Firm Fixed Price                      FSCM: 81337                      PART NR: 11-1-7400</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                          SEE PACKAGING CLAUSE                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin      ACCEPTANCE: Origin</p> <p>FOB POINT: Destination</p> <p>SHIP TO:</p>	EST 938	EA	\$ _____	\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0015	<p>(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</p> <p><u>FIFTH ORDERING YEAR</u></p> <p>NSN: 1670-01-527-7537                      COMMODITY NAME: MC-6 PERSONNEL PARACHUTES                      CLIN CONTRACT TYPE:                          Firm Fixed Price                      FSCM: 81337                      PART NR: 11-1-7400</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                          SEE PACKAGING CLAUSE                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin      ACCEPTANCE: Origin</p> <p>FOB POINT: Destination</p> <p>SHIP TO:                      (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.</p>	EST 1250	EA	\$ _____	\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0021	<p><u>FIRST ORDERING YEAR</u></p> <p>NSN: 1670-01-627-4253                      COMMODITY NAME: MC-6 CANOPIES                      CLIN CONTRACT TYPE:                          Firm Fixed Price                      FSCM: 81337                      PART NR: 11-1-7750-1</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                          SEE PACKAGING CLAUSE                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin      ACCEPTANCE: Origin</p> <p>FOB POINT: Destination</p> <p>SHIP TO:                      (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE                          (SHIP-TO) WILL BE FURNISHED PRIOR                          TO THE SCHEDULED DELIVERY DATE FOR                          ITEMS REQUIRED UNDER THIS                          REQUISITION.</p>	EST 625	EA	\$ _____	\$ _____
0022	<p><u>SECOND ORDERING YEAR</u></p> <p>NSN: 1670-01-627-4253                      COMMODITY NAME: MC-6 CANOPIES                      CLIN CONTRACT TYPE:                          Firm Fixed Price                      FSCM: 81337                      PART NR: 11-1-7750-1</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                          SEE PACKAGING CLAUSE                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin      ACCEPTANCE: Origin</p> <p>FOB POINT: Destination</p> <p>SHIP TO:</p>	EST 625	EA	\$ _____	\$ _____

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Name of Offeror or Contractor:

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0023	(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.  <u>THIRD ORDERING YEAR</u>  NSN: 1670-01-627-4253 COMMODITY NAME: MC-6 CANOPIES CLIN CONTRACT TYPE: Firm Fixed Price FSCM: 81337 PART NR: 11-1-7750-1  <u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING CLAUSE LEVEL PRESERVATION: Military LEVEL PACKING: B  <u>Inspection and Acceptance</u> INSPECTION: Origin      ACCEPTANCE: Origin  FOB POINT: Destination  SHIP TO: (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE (SHIP-TO) WILL BE FURNISHED PRIOR TO THE SCHEDULED DELIVERY DATE FOR ITEMS REQUIRED UNDER THIS REQUISITION.	EST 625	EA	\$ _____	\$ _____
0024	<u>FOURTH ORDERING YEAR</u>  NSN: 1670-01-627-4253 COMMODITY NAME: MC-6 CANOPIES CLIN CONTRACT TYPE: Firm Fixed Price FSCM: 81337 PART NR: 11-1-7750-1  <u>Packaging and Marking</u> PACKAGING/PACKING/SPECIFICATIONS: SEE PACKAGING CLAUSE LEVEL PRESERVATION: Military LEVEL PACKING: B	EST 625	EA	\$ _____	\$ _____

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0025	<p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p>FOB POINT: Destination</p> <p>SHIP TO:                      (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE                      (SHIP-TO) WILL BE FURNISHED PRIOR                      TO THE SCHEDULED DELIVERY DATE FOR                      ITEMS REQUIRED UNDER THIS                      REQUISITION.</p> <p><u>FIFTH ORDERING YEAR</u></p> <p>NSN: 1670-01-627-4253                      COMMODITY NAME: MC-6 CANOPIES                      CLIN CONTRACT TYPE:                      Firm Fixed Price                      FSCM: 81337                      PART NR: 11-1-7750-1</p> <p><u>Packaging and Marking</u>                      PACKAGING/PACKING/SPECIFICATIONS:                      SEE PACKAGING CLAUSE                      LEVEL PRESERVATION: Military                      LEVEL PACKING: B</p> <p><u>Inspection and Acceptance</u>                      INSPECTION: Origin ACCEPTANCE: Origin</p> <p>FOB POINT: Destination</p> <p>SHIP TO:                      (Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE                      (SHIP-TO) WILL BE FURNISHED PRIOR                      TO THE SCHEDULED DELIVERY DATE FOR                      ITEMS REQUIRED UNDER THIS                      REQUISITION.</p>	EST 625	EA	\$ _____	\$ _____

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**Name of Offeror or Contractor:**

## SECTION D - PACKAGING AND MARKING

<u>Status</u>	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
D-1 CHANGED	52.211-4515 (TACOM)	PACKAGING REQUIREMENTS (SPECIAL PACKAGING INSTRUCTIONS)	FEB/2012

(a) Military preservation, packing, and marking for this contract/order shall be accomplished in accordance with the specific requirements identified below, all the applicable requirements of, MIL-STD-2073-1, Revision D, Dated 15 Dec 1999 and Notice 1, dated 10 May 2002, and the Special Packaging Instruction, see below.

- (1) LEVEL OF PRESERVATION: Military
- (2) LEVEL OF PACKING: B
- (3) QUANTITY PER UNIT PACKAGE: 001
- (4) SPECIAL PACKAGING INSTRUCTION NUMBER. AB15277537

(a) REVISION

(b) DATE OF REVISION

(c) THE REQUIRED SPECIAL PACKAGING INSTRUCTION (SPI) IS AVAILABLE IN SECTION J, ATTACHMENT 0003.

(Note: You must have the Adobe Acrobat reader installed on your PC to view the SPI. See the Army Contracting Command - Warren (DTA) web site (<http://contracting.tacom.army.mil/faq.htm>) for information on obtaining the latest version of the reader. If you're experiencing problems opening the Special Packaging Instructions in Adobe .PDF images using Internet Explorer, try the following: Go to "Tools," then "Internet Options." Click on the "Advanced" tab. Scroll down to the "Security" section. Uncheck "Do not save encrypted pages to disk." Click "Apply." Click "OK.")

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

(c) Marking:

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

(d) Heat Treatment and Marking of Wood Packaging Materials (WPM): Boxes/pallets and any wood used as inner packaging made of non-manufactured wood shall be heat-treated. All WPM shall be constructed from heat treated (treated to 56 degrees Celsius -core temperature- for 30 minutes) lumber and certified by an accredited agency accredited by the ALSC in accordance with Wood Packaging Material Policy and Wood Packaging Material Enforcement Regulations (see URL: <http://www.alsc.org>). The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall ensure traceability to the original source of heat treatment. Marking: Each box/pallet shall be marked to show the conformance to the International Plant Protection Convention Standard. The quality mark shall be placed on both ends of the outer packaging, between the end cleats or end battens. Pallet markings shall be applied to the stringer or block on diagonally opposite sides and ends of the pallet and be contrasting and clearly visible. All dunnage used in configuring and/or securing the load shall also comply with [https://www.ippc.int/servlet/BinaryDownloaderServlet/133703\\_ISPM15\\_2002\\_with\\_Ann.pdf?filename=1152091663986\\_ISPM\\_15\\_2002\\_with\\_Annex1\\_2006\\_E.pdf&refID=133703](https://www.ippc.int/servlet/BinaryDownloaderServlet/133703_ISPM15_2002_with_Ann.pdf?filename=1152091663986_ISPM_15_2002_with_Annex1_2006_E.pdf&refID=133703) and be marked with an ALSC approved dunnage stamp, marked at two foot intervals (in the case of dunnage shorter than

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2 feet, each piece must still have the mark present). Foreign manufacturers shall have the heat treatment and marking of non-manufactured wood products verified in accordance with their National Plant Protection Organizations compliance program.

(e) Hazardous Materials (As applicable):

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

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

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

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

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

(f) This SPI has been validated and the method of preservation/packing has proven successful in meeting the needs of the military distribution system, including indeterminate storage and shipment throughout the world. Special instructions and/or tailoring of the SPI is detailed in the Supplemental Instructions below. A prototype package is required to validate the sizes and fit requirements of the SPI. Minor dimensional and size changes are acceptable provided contractor provides the PCO and ACO with notification 60 days prior to delivery. Any design changes or changes in the method of preservation that provide a cost savings without degrading the method of preservation or packing or affecting the serviceability of the item will be considered and responded to within 10 days of submission to PCO and ACO. Government reserves the right to require testing to validate alternate industrial preservation methods, materials, alternate blocking, bracing, cushioning, and packing.

(g) SUPPLEMENTAL INSTRUCTIONS:

[End of Clause]

**Name of Offeror or Contractor:**

## SECTION E - INSPECTION AND ACCEPTANCE

The following documents and standards are referenced below:

- 1.) ISO 9001:2008 or equivalent
- 2.) MC-6 Personnel Parachute Systems Lot Inspection Sheets (To be provided after NDA is signed.)
- 3.) MIL-DTL-6645
- 4.) MIL-STD-849
- 5.) Technical Manual 10-1670-327-23&P
- 6.) ANSI/ASQ Z1.4

E-1 Inspections and TestsE-1.1 First Article Test (FAT) Requirements

E-1.1.1 A First Article Test (FAT) shall be conducted by the Contractor in accordance with all aspects of the technical data package (TDP), and shall consist of one (1) complete MC-6 Personnel Parachute Assembly System (see CDRL A001). Accordingly, the Contractor shall prepare and submit a First Article Test Report (FATR) consisting of all inspections and tests results in the format as specified (see CDRL A001).

E-1.1.1.1 After approval of the FAT by the Contracting Officer, the Contractor shall refurbish the FAT item, identifying all items requiring refurbishment prior to refurbishing. The approved (by the Contracting Officer) First Article Test items shall be held as a manufacturing standard and shall be submitted as part of the final production delivery.

E-1.1.1.2 The Contractor shall document in report format and present to the Government the all items for all FAT parachute assemblies. Any deviations to the TDP or other requirements specified herein shall be submitted in writing to the Contracting Officer and approved prior to the FAT. See CDRL A001.

E-1.1.2.1 The Contractor shall record 100% of the dimensional measurements required by the TDP.

E-1.1.2.2 The Contractor shall provide all material samples and material certifications for materials used in the manufacture of the FAT, which includes test reports for those certifications. Textile materials more than 3.5 years old shall not be used per MIL-DTL-6645 paragraph 3.3.2. Any deviations to the TDP or other requirements specified herein must be submitted and approved prior to the inspection of the FAT. See CDRL A001. In addition, Air Permeability testing shall be completed by the Contractor and results submitted to the Government on all applicable raw materials prior to construction for FAT.

E-1.1.2.3 Air permeability testing per paragraph 6.2.g of MIL-DTL-6645 for main canopy, reserve canopy, and reserve pilot chute shall be conducted. The individual Air Permeability readings shall be taken at the approximate center, horizontally and vertically, of the main and reserve canopy gore sections IAW MIL-DTL-6645 paragraph 4.7.1. Air permeability testing for the reserve pilot chute requires only two random samplings at opposite locations on the respective chutes IAW MIL-DTL-6645 paragraph 4.7.1. Air Permeability test data shall be provided electronically in Microsoft Excel format to the Aerial Delivery Engineering Support Team (ADEST), point of contract identified in section C-4.24. Raw data worksheets shall be made available, at the Governments request. Air Permeability test report shall include identification of FAT, prime contractor lot number, serial number, individual and averaged readings, and the make/model and calibration date of the air permeability machine used in testing.

E-1.1.2.4 The Contractor shall provide any proof load or other test results specified on the TDP.

E-1.1.3 The FAT shall be inspected to the applicable tables of MIL-STD-849.

E-1.1.3.1 Any sample unit exceeding the defects of Table 1 of MIL-STD-849 for the parachute system components/repair parts shall be cause for rejection of the FAT.

E-1.1.3.2 The Contractor shall comply with Section E-1.3 which provides the classification of items not specified in MIL-STD-849 or the number of allowable defects per assembly.

E-1.1.3.3 Any sample failing the air permeability tests shall be cause for rejection of the FAT.

E-1.1.4 Production Tests during FAT

E-1.1.4.1 Ripcord pull test. The Contractor shall perform a ripcord pull test in accordance with MIL-DTL-6645 paragraph 4.7.2.1, following established procedures in Technical Manual 10-1670-327-23&P. The pull force will be 14 lbs min and 27 lbs max. Results of the Ripcord pull test shall be provided to the Government (IAW CDRL A001).

E-1.2. Production Lot Tests (PLTs)

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**Name of Offeror or Contractor:**

E-1.2.1. Sampling. Sampling for inspection shall be performed in accordance with ANSI/ASQ Z1.4; S-2 Inspection, 1.5 AQL AMERICAN NATIONAL STANDARD - Sampling Procedures and Tables for Inspection by Attributes. The sample unit shall be one (1) parachute assembly or component.

E-1.2.2 A PLT shall be performed for any and all conformance requirements in accordance with the TDP. The Government will perform random conformance inspection on end item samples selected and sent for testing and inspection by DCMA. Certificates of Conformance shall be presented at the time of end item conformance inspection. The Governments acceptance of the Contractors end item product will be determined by the conformance inspection results and the conformance requirements validation. The Government reserves the right to conduct the Tests outlined in paragraph E-1.1.4, on any subsequent production lot and is subject to sampling and lot size requirements in paragraphs E-1.2.1 (IAW CDRL A001).

E-1.2.2.1 The Government will perform random conformance inspections using the lot inspection sheets. See Attachment 0002.

E-1.2.3 The Contractor shall perform air permeability testing in accordance with paragraph 6.2.g of MIL-DTL-6645 for main canopy, reserve canopy, and reserve pilot chute. The individual Air Permeability readings shall be taken at the approximate center, horizontally and vertically, of the main and reserve canopy gore sections IAW MIL-DTL-6645 paragraph 4.7.1. Air permeability testing for the reserve pilot chute requires only two random samplings at opposite locations on the respective chutes IAW MIL-DTL-6645 paragraph 4.7.1. PLT air permeability sampling shall follow the sample plan identified in E-1.2.1. Air permeability test data shall be provided electronically in a Microsoft Excel format to the Aerial Delivery Engineering Support Team (ADEST), point of contact identified in section C-4.24 within 30 days of PLT acceptance. Raw data worksheets shall be made available, at the Governments discretion. Air Permeability test report shall include prime contractor lot number, serial number, individual and average readings, and the make/model and calibration date of the air permeability machine used in testing. If a canopy was reworked due to failing air permeability, this same data shall be provided for canopies both before and after rework.

When MIL-DTL-6645 air permeability testing is conducted on MC-6, T-11R, and T-11R Extractor, the individual maximum allowable reading applies as follows. If an individual reading above the specified maximum is found, the following additional sampling is required:

If a value above 4.5 cfm is found on MC-6 and T-11 Reserve canopies:

Additional testing shall be conducted to sample every section in the adjacent gores. If after including the additional readings, the gore and canopy average still meets MIL-DTL-6645 requirements (0.4-3.6 cfm), the canopy is acceptable. If these requirements are not met the canopy is not acceptable.

If a value above 3.8 cfm is found on T-11 Reserve Extractor canopies:

The Extractor shall not be acceptable, regardless if the canopy average is still within 3.5.1.2 requirements.

Disposition of canopies that fail the MIL-DTL-6645 average requirements:

Any canopy that fails the MIL-DTL-6645 requirements is cause for rejection of the lot. To accept canopies within that lot, 100% inspection (MIL-DTL-6645 sampling on every canopy) is required. Those canopies that pass MIL-DTL-6645 requirements may ship, those that do not shall require a request for waiver (RFW) or manufacturing rework. During the 100% inspection, any reading above 4.5 cfm shall require additional testing as described above.

Data needed for RFW Review:

Canopies for consideration on RFW shall show that every section in the canopy has been measured. Gore and canopy averages shall be provided as required above. Data shall be provided on a Microsoft Excel spreadsheet to track the discrepant material. RFWs will be considered on a case by case basis.

E-1.2.4 The Government reserves the right to request inspection reports and material certifications from the Contractor for the lot based upon sampling per ANSI/ASQ Z1.4.

E-1.3 Classifications of parachute components and defects: The following are classification of items not specified in MIL-STD-849 or the number of allowable defects per assembly.

E-1.3.1 P/N 11-1-7065-1 (Ejector Spring Assembly) shall be classified to Tables I (No. 10) and XII of MIL-STD-849.

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

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

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**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	52.242-4457 (TACOM)	DELIVERY SCHEDULE FOR DELIVERY ORDERS	SEP/2008

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

(b) DEFINITIONS:

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

(2) DELIVERY is defined as follows:

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

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

(c) The Government requires deliveries according to the following schedule on all orders:

(1) GOVERNMENT REQUIRED DELIVERY SCHEDULE:

(i) If FAT is required, start deliveries 90 days after the delivery order date; or

(ii) If FAT is not required; FAT is waived; or for subsequent delivery orders to be delivered after initial FAT approval with first delivery order, start deliveries 60 days after delivery order date.

(iii) You will deliver 60 units every thirty days.

(iv) You may deliver more units every thirty days at no additional cost to the government.

(d) Accelerated delivery schedule IS acceptable.

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

(1) CONTRACTOR PROPOSED ACCELERATED DELIVERY SCHEDULE:

(i) If FAT is required, deliveries will start \_\_\_ days after the delivery order date; or

(ii) If FAT is not required or FAT is waived, deliveries will start \_\_\_ days after delivery order date.

[End of clause]

F-2 CHANGED	52.247-4457 (TACOM)	LONG TERM CONTRACTS - FOB DESTINATION	OCT/1999
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For the purpose of offerors compiling FOB Destination offers, the final destination for the supplies will be one or more of the following destinations; in the following estimated percentages, if listed:

100% within the Contiguous United States (CONUS)

(End of Clause)

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**Name of Offeror or Contractor:**

## SECTION I - CONTRACT CLAUSES

<u>Status</u>	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
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I-1 CHANGED	52.209-3	FIRST ARTICLE APPROVAL -- CONTRACTOR TESTING (SEP 1989) -- ALTERNATE I (JAN 1997) AND ALTERNATE II (SEP 1989)	SEP/1989
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(a) The Contractor shall test one (1) unit of Lot/Item 0001 as specified in this contract. At least 20 calendar days before the beginning of first article tests, the Contractor shall notify the Contracting Officer, in writing, of the time and location of the testing so that the Government may witness the tests.

(b) The Contractor shall submit the first article test report within 120 calendar days from the date of this contract to SEE CDRL A001 for delivery information, marked First Article Test Report: Contract No. \_\_\_\_\_, Lot/Item No. 0001. Within 30 calendar days after the Government receives the test report, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite reasons for the disapproval.

(c) If the first article is disapproved, the Contractor, upon Government request, shall repeat any or all first article tests. After each request for additional tests, the Contractor shall make any necessary changes, modifications, or repairs to the first article or select another first article for testing. All costs related to these tests are to be borne by the Contractor, including any and all costs for additional tests following a disapproval. The Contractor shall then conduct the tests and deliver another report to the Government under the terms and conditions and within the time specified by the Government. The Government shall take action on this report within the time specified in paragraph (b) above. The Government reserves the right to require an equitable adjustment of the contract price for any extension of the delivery schedule, or for any additional costs to the Government related to these tests.

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

(e) Unless otherwise provided in the contract, and if the approved first article is not consumed or destroyed in testing, the Contractor may deliver the approved first article as part of the contract quantity if it meets all contract requirements for acceptance.

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

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

(1) progress payments, or

(2) termination settlements if the contract is terminated for the convenience of the Government. If first article tests reveal deviations from contract requirements, the Contractor shall, at the location designated by the Government, make the required changes or replace all items produced under this contract at no change in the contract price.

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

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

(End of Clause)

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**Name of Offeror or Contractor:**

## SECTION J - LIST OF ATTACHMENTS

<u>List of Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number of Pages</u>	<u>Transmitted By</u>
Exhibit A	FIRST ARTICLE TEST REPORT (FATR)	30-SEP-2013	002	DATA
Attachment 0003	SPECIAL PACKAGING INSTRUCTIONS	09-JUL-2014	006	ELECTRONIC IMAGE
Attachment 0004	TECHNICAL DATA PACKAGE (TDP)	13-NOV-2013	369	ELECTRONIC IMAGE
Attachment 0006	DEVIATION PACKAGE	18-OCT-2013	049	ELECTRONIC IMAGE

DD FORM 1423, FEB 2001

CONTRACT DATA REQUIREMENT LIST, PREVIOUS EDITION MAY BE USED Form Approval OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Executive Services Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0001 D. SYSTEM/ITEM: MC-6 Personnel Parachute System

B. EXHIBIT: A E. CONTRACT/PR NO.:

C. CATEGORY:

TDP \_\_\_\_ TM \_\_\_\_ OTHER Technical Report

F. CONTRACTOR:

- 
1. DATA ITEM NO: A001
  2. TITLE: First Article Test Report
  3. SUBTITLE: First Article Inspection Report
  4. AUTHORITY: SAE AS9102 5. CONTRACT REFERENCE: E-1.1.1, E-1.1.1.2, E.1.1.2
  6. REQUIRING OFFICE: AMSTA-LCS-EAP 7. DD250 REQ: SD
  8. APP CODE: A 9. DIST. STATEMENT REQ: A
  10. FREQUENCY: One Time 11. AS OF DATE: N/A
  12. DATE OF FIRST SUBMISSION: 120 DAC
  13. DATE OF SUBS. SUBMISSION: AS REQ
  14. DISTRIBUTION:
    - A. ADDRESSEES: AMSTA-LCS-EAP, RDNS-WPA-D, DCMA QAR, Contracting Officer, and RDTA-SIE-EA-RAM-QA
  - B. COPIES:

DRAFT:

FINAL: 1 EA

REG REPRO:
  15. TOTAL COPIES: 5 EA
  16. REMARKS:

1. Scope: The purpose of the CDRL is to explain the First Article Test (FAT) requirements for the MC-6 Personnel Parachute System. AS9102 refers to the format of the FAT Report.

2. References:

- a. Technical Data Package for the MC-6 Personnel Parachute System 13 November 2013
- b. Mil DTL 6645 General Specification for Personnel Parachutes
- c. Mil Std 849 Parachute Inspection
- d. Mil-DTL 7567 Detailed Manufacturing Inspection for Personnel Parachutes
- e. Federal Acquisition Regulation (FAR) Clause 52-209-3 First Article Approval-Contractor
- f. FAR Clause 52.246-2 Inspection Clause
- g. FAR Clause 52.246-11 Higher Level Quality
- h. ASTM-D-6193 Stitching
- j. 10USC2533a-Berry Amendment
- k. A-A 52291-Ink
- l. ASTM D737 Air Permeability Testing
- m. A-A 59291 Thread Specification
- n. Quality Assurance Provisions
- o. AS 9102 First Article Requirements
- p. Deviation package 18 October 2013

3. Requirements:

- a. Per the FAR Clause 52.209-3 First Article Testing-Contractor, the contractor shall notify the procuring contracting officer (PCO) twenty (20) days prior to the inspection so a buying activity representative may witness the inspection.
- b. The report will be formatted per SAE AS9102 and include the following:

1. The MC-6 shall be inspected per paragraph 4.2 First Article Inspection of MIL-DTL-6645, MIL STD-849, Table I, III and MIL-DTL-7567 as modified by the 18 October 2013 deviation package. The dimensions, construction, hardware, air permeability and stitching of the MC-6 first article unit shall be inspected and tested to determine conformance to its' TDP, also the color. The inspection results shall be

recorded in the report.

2. The material certifications-to include chemical analysis and the process certifications shall be provided for the fabric, ink, thread, webbing, tape, finish, plating, hardware, to their respective specifications with testing data, shall be included in the report.
3. Copies of the purchase orders for those material used in the fabrication of the first article unit shall be included in the report.
4. Packaging and marking shall be inspected to determine conformance to the contracts packaging and marking requirements.
5. The contractor shall certify compliance to the 10 USC 2533a-the Berry Amendment and within ten (10) working days of the inspection completion submit the FAT report to the PCO. Copies of the FAT report shall simultaneously be submitted to the Addressees listed in block 14 Distribution of this CDRL.
6. The PCO will approve/disapprove the FAT report within thirty (30) calendar days of receipt.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

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G. PREPARED BY: William Hurt

H: DATE: 30 SEP 2013

I: APPROVED BY: William Hurt

J: DATE: 30 SEP 2013