

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

Page 1 Of 4

2. Amendment/Modification No.

0001

3. Effective Date

2013FEB21

4. Requisition/Purchase Req No.

SEE SCHEDULE

5. Project No. (If applicable)

6. Issued By

U.S. ARMY CONTRACTING COMMAND  
TIMOTHY S. JACKSON  
WARREN, MICHIGAN 48397-5000  
HTTP://CONTRACTING.TACOM.ARMY.MIL

Code

W56HZV

7. Administered By (If other than Item 6)

Code

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

9A. Amendment Of Solicitation No.

W56HZV-12-R-0435

9B. Dated (See Item 11)

2013JAN23

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.

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

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

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

SEE SECOND PAGE FOR DESCRIPTION

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

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

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

15B. Contractor/Offeror

15C. Date Signed

16B. United States Of America

16C. Date Signed

(Signature of person authorized to sign)

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

NSN 7540-01-152-8070

30-105-02

STANDARD FORM 30 (REV. 10-83)

PREVIOUS EDITIONS UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b> <b>PIIN/SIIN</b> W56HZV-12-R-0435 <b>MOD/AMD</b> 0001	<b>Page</b> 2 <b>of</b> 4
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**Name of Offeror or Contractor:**

SECTION A - SUPPLEMENTAL INFORMATION

1. The purpose of Amendment 0001 to Solicitation W56HZV-12-R0435 is to:

A. Incorporate changes to the Statement of Work as follows:

1.) In Task C.2.3 add sentence: "This shall include all modifications needed for full vehicle operation after a successful air drop."

2.) Add Task C.2.13 to read: "Upon completion of testing, any damages to the 120M Motor Grader shall be repaired to full operation condition. The 120M Motor Grader shall remain at Ft. Bragg as Government Property."

2. There are no other changes as a result of this Amendment, all other terms and conditions remain unchanged.

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

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**Name of Offeror or Contractor:**

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 SCOPE: Caterpillar shall provide engineering support services for the Caterpillar 120M Motor Grader tie-down and parachute provision investigation. MIL-STD-814 compliance is required to allow for C-17 Low Velocity Air Drop (LVAD) of the standard 120M Motor Grader.

C.1.1 Caterpillar shall deliver to the Government a 120M Motor Grader with integrated parachute suspension and tie-down provisions conforming to MIL-STD-814. The parachute suspension and tie-down provisions shall withstand the stresses in the amount and direction of pull specified without weld failure or permanent deformation. The airdrop system configuration shall be consistent with the governments final design approval. Caterpillar is responsible for shipping the system to Aberdeen Test Center, Natick, and Ft. Bragg for testing. If retesting due to a design flaw as a result of a test failure, Caterpillar is also responsible for these shipping costs.

C.2 TASKS:

C.2.1- Caterpillar shall support the Start of Work (SoW) Meeting.

C.2.2- Caterpillar shall support multiple review meetings over teleconference with TACOM Construction Equipment/Material Handling Equipment Program Management (PM CE/MHE), Natick, Army Test and Evaluation Center (ATEC), and Tank Automotive Research Development and Engineering Center (TARDEC). Meeting frequency will depend on program status.

C.2.3- Caterpillar shall present the tie-down and parachute provision investigation modification package at the Preliminary Design Review (PDR). This shall include all modifications needed for full vehicle operation after a successful air drop. Follow up meetings shall be organized as needed.

C.2.4- Caterpillar shall present their final tie-down and parachute provision investigation modification package at the Critical Design Review (CDR). Follow up meetings shall be organized as needed.

C.2.5- Caterpillar shall present their recommended rigging configuration during the Rigging Analysis meeting. This will describe the vehicle configuration on the drop platform. Follow up meetings shall be organized as needed.

C.2.6- Caterpillar shall support all approved design changes that may result from the PDR, CDR, Rigging Analysis and follow up meetings with PM CE/MHE, Natick, ATEC, and TARDEC.

C.2.7- Caterpillar shall provide (2-day) on-site support at Aberdeen Test Center (ATC) for MIL-STD-814 testing on the parachute suspension and tie-down provisions. The parachute suspension and tie-down provisions shall conform to the requirements. Non-conformance will constitute failure of this test. Engineering failures shall be fixed and retested at the contractors expense.

C.2.8- Caterpillar shall provide (1-day) on-site support for the static drop, rig exercise, and roller load testing at the U.S. Army Natick Soldier RD&E Center in Natick, MA. Caterpillar support is needed to resolve any technical issues during static drop related to the system design.

C.2.9- Caterpillar shall make modifications to the 120M Motor Grader to obtain airdrop configuration.

C.2.10- Caterpillar shall ship the modified 120M Motor Grader to ATC for MIL-STD-814 testing on the parachute suspension and tie-down provisions.

C.2.11- Once ATC testing is complete Caterpillar shall ship the modified 120M Motor Grader to Natick for the static drop, rig exercise and roller load testing.

C.2.12- Once Natick testing is complete, Caterpillar shall ship the modified 120M Motor Grader to Fort Bragg for live drop testing.

C.2.13- Upon completion of testing, any damages to the 120M Motor Grader shall be repaired to full operation condition. The 120M Motor Grader shall remain at Ft. Bragg as Government Property.

C.3 DELIVERABLES:

C.3.1- Caterpillar shall conduct a Start of Work meeting within 30 calendar days of contract award. The Start of Work meeting shall be held at Caterpillars facility. At the Start of Work Meeting, Caterpillar shall present a detailed work schedule and plan (to include deliverables and milestones). Caterpillar shall address risks and mitigating actions, and identify principal investigators. (CDRL A001)

C.3.2- Caterpillar shall deliver meeting minutes five days after the Start of Work Meeting, and five days after any subsequent meetings, (CDRL A002).

C.3.3- Caterpillar shall deliver a Draft Design Proposal approximately 15 days after Start of Work meeting. This includes a proposed tie-down and parachute strategy for Government review (CDRL A003).

C.3.4- Caterpillar shall deliver a final report based on Government feedback from the draft proposal, approximately 15 days after Draft Design Approval. Final report shall include drawings of the final parachute suspension and tie-down provision locations (CDRL A004).

C.3.5- Caterpillar shall deliver a Rigging Analysis approximately 15 days after the CDR. This will describe the vehicle configuration on the drop platform (CDRL A005).

C.3.6- Caterpillar shall support Government initiated design changes that may be a result of preliminary, final and follow up meetings with PM CE/MHE, NATICK, ATEC, and TARDEC. Caterpillar shall provide updates to designs and engineering analyses (CDRL A006).

C.4- PERIOD OF PERFORMANCE: The period of performance is approximately, fourteen (14) months from date of contract award.

C.5- TRAVEL: All Travel associated with this effort shall be proposed and conducted in accordance with government Joint Travel

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**Name of Offeror or Contractor:**

Regulations (JTR).

C.6- SECURITY: The security requirements for this task are: Not Classified

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