

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Cost Plus Fixed Fee

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| | | | |
|---|--------------------------------|---|--------------------------------|
| 2. Amendment/Modification No. P00001 | 3. Effective Date 2014MAY02 | 4. Requisition/Purchase Req No. SEE SCHEDULE | 5. Project No. (If applicable) |
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| 6. Issued By U.S. ARMY CONTRACTING COMMAND PATRICIA ROUSSIN WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: PATRICIA.M.ROUSSIN@US.ARMY.MIL | Code W56HZV | 7. Administered By (If other than Item 6) DCMA DENVER DENVER FEDERAL CENTER, BUILDING 16 P.O. BOX 25586 DENVER CO 80225-0586 | Code S0602A |
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| 8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) CREATIVE ENGINEERING SOLUTIONS INC. 11196 N CARDINAL DR PARKER, CO 80138-7907 | <input type="checkbox"/> | 9A. Amendment Of Solicitation No. |
| | <input type="checkbox"/> | 9B. Dated (See Item 11) |
| | <input checked="" type="checkbox"/> | 10A. Modification Of Contract/Order No. W56HZV-13-C-0060 |
| | <input type="checkbox"/> | 10B. Dated (See Item 13) 2013AUG02 |
| Code 5NA34 | 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 _____ 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)

NO CHANGE TO OBLIGATION DATA

**13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS
It Modifies The Contract/Order No. As Described In Item 14.**

| | | |
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| <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 checked="" type="checkbox"/> | C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: | MUTUAL AGREEMENT OF THE PARTIES |
| <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) JOHN M. HOPFNER JOHN.HOPFNER@US.ARMY.MIL (586)282-7359 | | |
| 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 2014MAY02 |

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Name of Offeror or Contractor: CREATIVE ENGINEERING SOLUTIONS INC.

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: PATRICIA ROUSSIN
 Buyer Office Symbol/Telephone Number: CCTA-ASG-C/(586)282-9610
 Type of Contract: Cost Plus Fixed Fee
 Kind of Contract: Research and Development Contracts
 Type of Business: Other Small Business Performing in U.S.
 Surveillance Criticality Designator: C
 Weapon System: No Identified Army Weapons Systems

*** End of Narrative A0000 ***

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|--------------------------------|------------------|
| Contract: | W56HZV-13-C-0060 |
| Modification: | P00001 |
| Contract Amount: | \$514,312.00 |
| Amount of this Action: | \$ 0.00 |
| Total Amount of this Contract: | \$514.312.00 |

1. The purpose of this no-cost bi-lateral Modification P00001 is to remove the Government Furnished Material (GFM) of two (2) armor panels from Section C, Description/Specifications/Work Statement, and Section H, Special Provisions. The changes being made in this modification are at no additional cost to the Government.

2. As a result of this Modification P00001, the following changes are made to the contract:

SECTION C: DESCRIPTION/SPECIFICATIONS/WORK STATEMENT:

Paragraph C.2.1.1.2 - remove paragraph reference C.2.2.1.1.1.

Paragraph C.2.1.1.3 - remove paragraph reference C.2.2.1.1.1.

Paragraph C.2.2.1 - remove paragraph references C.2.2.1.1.1.

Paragraph C.2.2.1.1 - remove paragraph reference C.2.2.1.1.1.

Paragraph C.2.2.1.1.1 - delete entire paragraph.

Paragraph C.3 - remove "and Material (GFM)"

Paragraph C.3.4 - delete entire paragraph.

SECTION H: SPECIAL PROVISIONS:

Paragraph H.2.3 - delete Armor Panels, 2 ea, NSN 01-567-4945.

3. As a result of this Modification P00001, the total obligated amount of this contract remains unchanged.

4. Except as provided herein, all other terms and conditions of this Contract W56HZV-13-C-0060 remain unchanged and in full force and effect.

*** END OF NARRATIVE A0001 ***

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

Creative Engineering Solutions, Inc. (CES) Small Business Innovative Research (SBIR) Phase II program for the development of an attachment method for armor applique.

C.1 STATEMENT OF WORK

Under this Statement of Work, the contractor shall research, develop, test, and validate a method of attaching armor appliques to Army Ground Vehicles. The Army is looking to develop innovative methodologies for attaching armor panels that are non-invasive, rapid, and interchangeable. With the advent of use of more advanced materials, armor systems have been rapidly evolving and employing a wide array of materials and material combinations to defeat various threats. This effort will be expanding upon a design that was developed during the initial phase I effort (contract W56HZV-11-C-0317). This effort will look to further develop and commercialize the attachment method from phase I into a unit that can be fielded.

C.1.1 Background: The Army has determined that developing a viable attachment system for armor appliques, which make the appliques easy to install and remove, which is lightweight, does not degrade the armor performance, and can be integrated onto a wide variety of vehicles, is a highly desirable project.

C.2 Requirements: The contractor shall perform the following research and development services:

C.2.1 Refine Switchable Magnetic Core Element (SMCE) technology for integration into an Army Ground Vehicle system such as a truck from the Family of Medium Tactical Vehicles (FMTV).

C.2.1.1 The contractor shall perform tasks that optimize the SMCE technology for implementation on an integrated armor applique attachment system.

C.2.1.1.1 The contractor shall create an integrated armor applique attachment system with SMCE technology that shall withstand ballistic and blast conditions as defined in the test plan described in C.2.3.

C.2.1.1.2 The contractor shall create an integrated armor applique attachment system with SMCE technology which will not behave in such a way, and will not interact with the armor or the operational environment in such a way, as to degrade the overall performance of the armor as defined in MIL STD 810-G.

C.2.1.1.3 The contractor shall incorporate within the integrated armor applique attachment system the ability to easily install and remove the armor system. The integrated armor applique attachment system with SMCE technology shall allow for the installation and removal of an individual armor panel from the vehicle in less than one minute and create integration interoperability characteristics within the armor applique attachment system.

C.2.1.1.4 The contractor shall incorporate a security and safety feature to the SMCE technology within an integrated armor applique attachment system so that the attachment system is no more prone to unintentional or unwanted tampering or activation than the current bolted armor applique systems.

C.2.2 The contractor shall integrate the integrated armor applique attachment system with SMCE technology into a test article configuration as defined in section C.2.2.1 and C.2.2.1.1.

C.2.2.1 The contractor shall integrate the SMCE technology into an integrated armor applique attachment system. The integrated armor applique attachment system shall be a working model that attaches a piece of armor to a test fixture (C.2.2.1.1).

C.2.2.1.1 The contractor shall acquire a surplus FMTV cab to be used as a test fixture that will hold the armor during all testing. The test fixture shall be representative of the cab of an FMTV per the Government Furnished Information (GFI) provided in C.3.2. The test fixture is only required to replicate the structure of the vehicle system; the only vehicle subsystems required are those on which the contractor deems it necessary to attach armor.

C.2.2.1.1.1 (Deleted per Modification P00001.)

C.2.2.2 The contractor shall hold a 1st run Preliminary Design Review (PDR) with the COR, the personnel performing the 1st run tests (subcontractor, if applicable), and any other personnel involved in the design or operation of the test fixture and the armor. The 1st run PDR shall be held via teleconference within sixty (60) business days of the Start-of-Work (SOW) meeting (held per C.2.10.1.1).

C.2.2.2.1 The contractor shall provide presentation handouts to the COR in a format chosen by the contractor at least five (5) business days before the 1st run PDR (C.2.2.2.) meeting for COR review. The presentation handouts shall be submitted IAW CDRL A001.

C.2.2.2.2 The contractor shall provide minutes of the 1st run PDR (C.2.2.2) meeting to the COR within twenty (20) business days after the completion of the 1st run PDR (C.2.2.2.) IAW CDRL A002.

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C.2.2.2.3 The 1st run PDR (C.2.2.2.) shall discuss the test fixtures ability to be utilized in a manner that will impart the correct loading profiles, as detailed under sections C.2.3, onto the armor.

C.2.3 The contractor shall develop a draft 1st run test plan that is relevant to the integrated armor applique attachment system with SMCE technology and the test article described per the 1st run PDR (C.2.2.2.). The draft 1st run test plan shall be IAW the procedures found in MIL-STD-810G for investigating the effects of the operational conditions on the integrated armor applique attachment system with SMCE technology. The ballistic and blast testing shall be IAW the Family of Medium Tactical Vehicle (FMTV) ATPD2131K section 3.2.1.12, ballistic and blast specifications. The draft 1st run test plan shall be submitted to the COR at least five (5) business days prior to the 1st run test readiness review (TRR) (C.2.3.1) IAW CDRL A003.

C.2.3.1 The contractor shall hold a 1st run TRR via teleconference thirty (30) business days after the Start-of-Work meeting to discuss their draft 1st run test plan and in preparation for submitting the final 1st run test plan to the COR for approval. The contractor shall provide presentation hand outs to the COR in contractor format at least five (5) business days before the TRR for COR review. The presentation handouts shall be submitted IAW CDRL A001. The contractor shall provide minutes of the meeting to the COR within twenty (20) business days after the completion of the 1st run TRR IAW with CDRL A002.

C.2.3.1.1 The proposed final 1st run test plan shall be revised to incorporate any changes that need to be made per the 1st run TRR and shall be submitted to the COR for review and approval within ten (10) business days after the 1st run TRR (C.2.3.1) IAW CDRL A003.

C.2.3.2 The contractor shall conduct 1st run testing IAW the 1st run test plan approved in C.2.3.1.1.

C.2.3.2.1 The contractor shall develop a draft 1st run test report of the 1st run tests performed IAW C.2.3.2. The draft 1st run test report shall be submitted to the COR IAW CDRL A004. The report shall be submitted within twenty (20) business days after the completion of the 1st run tests (C.2.3.2).

C.2.3.3 The contractor shall host a 1st run Critical Design Review (CDR) via teleconference within twenty-five (25) business days after the completion of the 1st run tests (C.2.3.2). The 1st run CDR shall discuss the draft 1st run test report submitted under C.2.3.2.1, all test shortfalls identified in the test fixture or the integrated armor applique attachment system with SMCE technology during 1st run testing per C.2.3.2, and the recommendations for changes to be incorporated in the re-design (C.2.4) and the 2nd run testing (C.2.6.3). The contractor shall provide presentation hand outs to the COR in contractor format at least five (5) business days before the 1st run CDR meeting for COR review. The presentation hand outs shall be submitted IAW CDRL A001. The contractor shall provide minutes of the meeting to the COR within twenty (20) business days after the completion of the 1st run CDR IAW with CDRL A002.

C.2.3.4 The proposed final 1st run test report shall be revised to incorporate any changes that need to be made per the 1st run CDR (C.2.3.3) and shall be submitted to the COR for approval IAW CDRL A004. The report shall be submitted to the COR within ten (10) business days of the completion of the 1st run CDR (C.2.3.3) IAW CDRL A004.

C.2.4 The contractor shall also use the results summarized in the final 1st run test report (C.2.3.4) and the shortfalls, if any, discussed at the 1st run CDR (C.2.3.3) to make modifications to the integrated armor applique attachment system with SMCE technology for better performance.

C.2.5 The contractor shall use the modified design of the integrated armor applique attachment system with SMCE technology to fabricate the test article for a 2nd test run. The 2nd test run shall include the integrated armor applique attachment system with SMCE technology with improvements made in C.2.4, and with any necessary repairs made to the test fixture due to any damage incurred during the 1st run testing.

C.2.5.1 The contractor shall hold a 2nd run PDR with the COR, the personnel performing the 2nd run tests (subcontractor, if applicable), and any other personnel involved in the design or operation of the test fixture and the armor. The 2nd run PDR shall be held via teleconference within one hundred (100) business days after the 1st run CDR (C.2.3.3) meeting.

C.2.5.1.1 The contractor shall provide presentation hand outs to the COR in a format chosen by the contractor at least five (5) business days before the 2nd run PDR(C.2.5.1) meeting for Government review. The presentation hand outs shall be submitted IAW CDRL A001.

C.2.5.1.2 The contractor shall provide minutes of the 2nd run PDR (C.2.5.1) meeting to the COR within twenty (20) business days after completion of the 2nd run PDR (C.2.5.1) meeting IAW CDRL A002.

C.2.5.1.3 The 2nd run PDR (C.2.5.1) shall discuss the design changes made in C.2.4 to address shortfall concerns discovered during 1st run testing (C.2.3.2) and the challenges posed by integrating the modified design of the integrated armor applique attachment system with SMCE technology into the test fixture.

C.2.6 The contractor shall develop a draft 2nd run test plan that is relevant to the integrated armor applique attachment system with SMCE technology and the test article described per the 2nd run PDR (C.2.5.2). The draft 2nd run test plan shall be IAW the procedures found in MIL-STD-810G for investigating the effects of the operational conditions on the integrated armor applique attachment system with SMCE technology. The ballistic and blast testing shall be IAW the Family of Medium Tactical Vehicle (FMTV) ATPD2131K section

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3.2.1.12, ballistic and blast specifications.

(a) The testing also shall incorporate a test method for demonstrating and capturing how the armor can be mounted and dismounted from the vehicle.

(b) The testing shall include a ballistic vulnerability test (C.2.6.1).

(c) The draft 2nd run test plan shall include a daisy chain test. Daisy chaining is the act of putting an additional layer of armor on top of an existing armor panel or layer. The contractor shall only be required to put one additional level of armor on as a part of this daisy chain testing.

(d) The draft 2nd run test plan shall be submitted to the COR at least five (5) business days prior to the 2nd run TRR (C.2.6.2) IAW CDRL A003.

C.2.6.1 The ballistic vulnerability test is a non-standardized test to evaluate potential areas of protection weakness and exploitation in the armor system. Typically a vehicle, or vehicle section, is evaluated to ascertain potential areas of ballistic weakness. These areas are then exploited by turning the vehicle on a rotating platform. The ballistic vulnerability testing shall follow this guidance.

C.2.6.2 The contractor shall hold a 2nd run TRR via teleconference within twenty (20) business days after the completion of the 2nd run PDR(C.2.5.1) to discuss their draft 2nd run test plan (C.2.6) and in preparation for submitting the proposed final 2nd run test plan to the COR for approval. The contractor shall provide presentation hand outs to the COR in contractor format within five (5) business days before the meeting for COR review. The presentation hand outs shall be submitted IAW CDRL A001. The contractor shall provide minutes of the meeting to the COR within twenty (20) business days after the completion of the 2nd run TRR IAW with CDRL A002.

C.2.6.2.1 The proposed final 2nd run test plan shall be revised to incorporate any changes that need to be made per the 2nd run TRR (C.2.6.2) and shall be submitted to the COR for review and approval within ten (10) business days after the 2nd run TRR (C.2.6.2) IAW CDRL A003.

C.2.6.3 The contractor shall perform 2nd run testing IAW the 2nd run test plan approved in section C.2.6.2.1.

C.2.6.3.1 The contractor shall develop a draft 2nd run test report of 2nd run tests performed IAW C.2.6.3. The draft 2nd run test report shall be submitted to the COR IAW CDRL A004. The report shall be submitted within ten (10) business days after the completion of the 2nd run tests (C.2.6.3).

C.2.6.4 The contractor shall host a 2nd run CDR via teleconference within twenty-five (25) business days of the completion of the 2nd run tests (C.2.6.3). The 2nd run CDR shall discuss the draft 2nd run test report submitted under C.2.6.3.1. All test shortfalls and the recommendations for changes are to be included in the final design of the integrated armor applique attachment system with SMCE technology. The contractor shall provide presentation hand outs to the COR in contractor format within five (5) business days before the meeting for COR review. The presentation hand outs shall be submitted IAW CDRL A001. The contractor shall provide minutes of the meeting to the COR within twenty (20) business days after the completion of the 2nd run CDR IAW with CDRL A002.

C.2.6.5 The proposed final 2nd run test report shall be revised to incorporate any changes that need to be made per the 2nd run CDR (C.2.6.4) and shall be submitted for COR approval IAW CDRL A004. The report shall be submitted to the COR within ten (10) business days after the completion of the 2nd run CDR (C.2.6.4) IAW CDRL A004.

C.2.7 The contractor shall optimize the design of the integrated armor applique attachment system with SMCE technology based on results of the 2nd run tests performed under section C.2.6.3.

C.2.7.1 The contractor shall make all necessary changes to the design of the integrated armor applique attachment system with SMCE technology based on the 2nd run test results (C.2.6.3). This is in preparation for the presentation of their final phase II design of the integrated armor applique attachment system with SMCE technology.

C.2.7.2 The contractor shall conduct a presentation to the COR (via teleconference) of their proposed final design of the integrated armor applique attachment system with SMCE technology. The contractor shall provide presentation hand outs to the COR in contractor format at least five (5) business days before the meeting for COR review. The presentation hand outs shall be submitted IAW CDRL A001. The contractor shall provide minutes of the meeting to the COR within twenty (20) business days after the completion of the final design presentation meeting IAW CDRL A002.

C.2.7.3 The contractor shall make any final changes to the proposed design based on the COR recommendations from C.2.7.2 and create a Level 2 Technical Data Package (TDP) for the final design of the integrated armor applique attachment system with SMCE technology which shall be submitted IAW CDRL A007. The TDP shall be submitted to the COR within twenty-five (25) business days after the completion of the final design presentation (C.2.7.2).

C.2.8 The contractor shall perform a product transition analysis to commercialization of the final design of the integrated armor applique attachment system with SMCE technology.

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C.2.8.1 The contractor shall submit cost, production, and marketing analysis (commercialization plan) as described below (C.2.8.1.1-C.2.8.1.3) IAW CDRL A003. This information shall describe what effects commercialization of the final design of the integrated armor applique attachment system with SMCE technology will have on volume, quality, cost, producibility, and shall include all post-development analysis. The report shall include the information stated in sections C.2.8.1.1 C.2.8.1.3. The report shall be submitted to the COR within twenty-five (25) business days of the completion of the TDP (C.2.7.3).

C.2.8.1.1 The contractor shall submit a production rate and cost analysis for the final design of the integrated armor applique attachment system with SMCE technology. This analysis shall evaluate the trend of costs as a function of production rates in multiples of 1,000. The range of production rates used in the analysis shall be broad enough to give an overall trend. The analysis shall have enough fidelity so that cost estimates can be discerned within quantities of 1,000 units.

C.2.8.1.2 The contractor shall provide a production quality risk assessment. The risk assessment shall use ISO 31000 section 5.4 as guidance for risk identification.

C.2.8.1.3 The contractor shall analyze production alternatives based on (i) volumes established by the contractor, (ii) quality, and (iii) cost.

C.2.9 Contractor Quality Control Program (QCP):

C.2.9.1 The contractor shall provide a draft QCP, as referenced in section E.2.1 of the contract, to the COR for review and approval within seven (7) business days of contract award IAW CDRL A006.

C.2.9.2 The Government will notify the contractor of acceptance of, or of any modifications required to, the QCP no later than thirty (30) business days after QCP submittal. After acceptance of the QCP, the contractor shall receive the contracting officers acceptance in writing in advance of making any proposed change to the quality control system.

C.2.10 Travel:

C.2.10.1 The contractor shall travel to TARDEC for the meetings listed below in C.2.10.1.1, C.2.10.1.2, and C.2.10.1.3. The required travel to TARDEC for review meetings shall be as follows:

C.2.10.1.1 The Start-of-Work meeting shall occur within thirty (30) business days of Contract award. The contractor shall conduct the meeting at TARDEC within thirty (30) business days after Contract award. The date of the meeting and the agenda shall be coordinated between the contractor and the Government. The contractor shall present an overview of its entire contractual effort to include: schedule, milestones, engineering, and testing parameters that depict task, materials, and cost of this project.

C.2.10.1.2 A mid-term program review will be held at TARDEC within thirty (30) business days of the 12th month of the contract performance period to review the progress of the contractual effort. The contractor shall select a mutually acceptable date for the mid-term program review in consultation with the COR.

C.2.10.1.3 The final review meeting shall be held at least thirty (30) business days prior to the conclusion of the period of performance. The final meeting shall occur at TARDEC.

C.2.11 Security Requirement

C.2.11.1 The contractor shall have and shall maintain a security clearance to the minimum level of SECRET to be able to participate in test plan discussions, ballistic and blast testing, and to receive test results from some of the testing that is to be performed under this effort (ref. C.2.2.2, C.2.3, C.2.3.1, C.2.3.2, C.2.3.3, C.2.5.1, C.2.6., C.2.6.2, C.2.6.3, and, C.2.6.4). A signed DD Form 254 Contract Security Classification Specification is attached to the contract as e-mail attachment A001.

C.3 Government-Furnished Information (GFI)

C.3.1 The armor kit installation instructions for FMTV.

C.3.2 CAD model of the FMTV.

C.3.3 Microsoft (MS) Project Template (C.4.2).

C.3.4 (Deleted per Modification P00001.)

C.4 Deliverables

C.4.1 The contractor shall provide presentation hand outs to the COR in contractor format at least five (5) business days before meetings for COR review. The presentation handouts shall be submitted IAW CDRL A001.

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C.4.1.1 The contractor shall provide minutes of all meetings within twenty (20) business days after the completion of the meetings IAW CDRL A002.

C.4.2 The contractor shall develop and submit to the COR at the Start-of-Work meeting (C.2.10.1.1) a program schedule, in MS Project 2010 format, that identifies milestones (tests and deliveries) and the processes and parts required to effectively execute this program. The COR shall provide a template in MS Project as GFI two (2) weeks prior to the Start-of-Work meeting. The program schedule must be consistent with the applicable delivery dates identified within this SOW. The program schedule shall be submitted IAW CDRL A005.

C.4.2.1 During the course of this contract, there shall be quarterly reviews conducted by teleconference where the contractor shall present the progress of work being performed and the status of issues requiring resolution. Time, attendees, agenda, and action item lists shall be agreed upon by the contractor and the COR. Any proposed changes to the project schedule shall be submitted, as needed, at the quarterly reviews for COR review and approval. The changes shall be submitted with the presentation handouts for the quarterly review.

C.4.3 As described in section C.2.3, the contractor shall (i) provide a test plan for the test fixture level testing that is to be performed under C.2.3.2, and (ii) make changes for a final submission of this test plan as described under section C.2.3.1.1.

C.4.3.1 As well, the contractor shall (i) provide a test plan, as described under section C.2.6, for the system level testing that is to be performed under C.2.6.3 and (ii) make changes for a final submission of this test plan as described under section C.2.6.2.1.

C.4.3.2 Also, a cost, production, and marketing analysis report shall be provided as described under section C.2.8.1 in the same format as the test plans described in C.4.3 and C.4.3.1.

C.4.3.3 The two test plans and the commercialization plan shall be written IAW CDRL A003.

C.4.4 As described in section C.2.3.2.1, the contractor shall (i) provide a test report for the test fixture level testing that is to be performed under C.2.3.2, and (ii) make changes for a final submission of this test report as described under section C.2.3.4.

C.4.4.1 As well, the contractor shall (i) provide a test report, as described under section C.2.6.3.1, for the system level testing that is to be performed under C.2.6.3 and (ii) make changes for a final submission of this test report as described under section C.2.6.5.

C.4.4.2 Both test reports (C.4.4 and C.4.4.1) shall be written IAW CDRL A004.

C.4.5 The contractor shall provide a QCP as specified in section C.2.9. The QCP shall be provided IAW CDRL A006.

C.4.6 The contractor shall provide a completed Technical Data Package (TDP) for the final design of the integrated armor applique attachment system with SMCE technology as specified in C.2.7.2. This TDP shall be provided IAW CDRL A007.

C.4.7 The contractor shall provide two working prototypes of the integrated armor applique attachment system with SMCE technology at the end of the contract that represents the final design (C.2.7.3).

C.4.8 The contractor shall submit a publicly releasable "SBIR Phase II R&D Project Summary" not to exceed 700 words IAW CDRL A008.

C.5 Manpower Reporting

C.5.1 The contractor shall report all contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the U.S. Army via a secure data collection site. The contractor is required to completely fill in all data fields using the Army CMR site, which you can access by clicking on the Department of Army CMRA link from the following gateway web address: <http://www.ecmra.mil/>.

C.5.2 Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY) which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year beginning with 2013. Contractors may direct questions to the Army CMR help desk which can be contacted using the Send an email link on the right side of the sign-in screen at the Army CMR site.

C.5.3 Additional information can be found in the clause in this contract entitled CONTRACTOR MANPOWER REPORTING (52.237-4000).

*** END OF NARRATIVE C0001 ***

Name of Offeror or Contractor: CREATIVE ENGINEERING SOLUTIONS INC.

SECTION H - SPECIAL CONTRACT REQUIREMENTS

SPECIAL PROVISIONS

H.1 SERVICES TO BE PERFORMED: Contractor personnel rendering the services under this contract are not subject, by contract terms or in the manner of its administration, to the supervision and control usually prevailing in relationships between the Government and its employees. The contractor further agrees to refrain from any activity that will make their personnel appear, in effect, to be Government Employees.

H.2 GOVERNMENT-FURNISHED PROPERTY

H.2.1 The Government may furnish, from time to time, such items of Government-owned property as deemed necessary to assist the contractor in the performance of the contract requirements.

H.2.2 Upon completion of the contract, or in the event of the termination of the contract, either partial or complete, all Government-owned property, including both property furnished to the contractor and property acquired by the contractor for the account of the Government, which will have become surplus or excess to any remaining contract requirements, shall be reported immediately by the contractor to the Contracting Officer at the US Army Contracting Command, TACOM Contracting Center, ATTN: CCTA-ASG-A, Warren, MI 48397-5000 for redistribution, shipping instructions, release for disposal, or other actions.

H.2.3 Specific Government-Furnished Property to be provided is/are as follows:

| <u>Item</u> | <u>Quantity</u> | <u>Serial No./NSN</u> | <u>Acquisition Value</u> |
|-------------------------------|-----------------|-----------------------|--------------------------|
| CAD Model of the FMTV | 1 ea | unknown | unknown |
| Microsoft MS Project Template | 1 ea | unknown | unknown |

*** END OF NARRATIVE H0001 ***