

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Firm Fixed Price

Page 1 Of 9

2. Amendment/Modification No. P00002	3. Effective Date 2013SEP24	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
---	--------------------------------	---	--------------------------------

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 DETROIT 35803 MOUND ROAD STERLING HEIGHTS MI 48310	Code S2305A
--	----------------	--	----------------

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) CRITCHLEY, JAMES HOCKRIDGE 1220 SCOUT AVE LAKE ORION, MI 48360-1213	<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-12-C-0219
	<input type="checkbox"/>	10B. Dated (See Item 13) 2012SEP04
Code 6PMG1	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)

ACRN: AA NET DECREASE: -\$32,827.92

**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 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) LYNN M. BYRNE LYNN.M.BYRNE@US.ARMY.MIL (586)282-6553		
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 2013SEP24

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 2 of 9
	PIIN/SIIN W56HZV-12-C-0219	MOD/AMD P00002	
Name of Offeror or Contractor: CRITCHLEY, JAMES HOCKRIDGE			

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: PATRICIA ROUSSIN
 Buyer Office Symbol/Telephone Number: CCTA-ASG-C/(586)282-9610
 Type of Contract: Firm Fixed Price
 Kind of Contract: Research and Development Contracts
 Type of Business: Other Small Business Performing in U.S.
 Surveillance Criticality Designator: C

*** End of Narrative A0000 ***

W56HZV-12-C-0219 MODIFICATION P00002

PREVIOUS NEGOTIATED CONTRACT VALUE: \$99,483.75
 NEGOTIATED VALUE OF THIS ACTION: (\$32,827.92)
 TOTAL NEGOTIATED CONTRACT VALUE: \$66,655.83

PREVIOUS OBLIGATED CONTRACT AMOUNT: \$99,483.75
 OBLIGATED AMOUNT OF THIS ACTION: (\$32,827.92)
 TOTAL OBLIGATED CONTRACT AMOUNT: \$66,655.83

- The purpose of this bilateral Modification P00002 is a no-cost cancellation.
- As a result of this Modification P00002, the following changes are hereby made to the contract:

<u>SECTION</u>	<u>DESCRIPTION</u>
B	Delete CLIN 0001AC from the contract and deobligate \$32,827.92 in funding.
B	Revise paragraph B.1 to eliminate "and 0001AC" and "and 6th".
C	Revise paragraph C.4.1 to eliminate "and one (1) Final Technical Report".
C	Delete paragraphs C.4.1.2 and C.4.1.2.1.
F	Revise paragraph F.2.1 to eliminate ", including submission of the Final Technical Report".
F	Delete paragraph F.2.2.
J	Revise Data Item No. A002 by deleting paragraphs 16a. and 16d.

- As a result of this Modification P00002, the total negotiated value of this contract is decreased by \$32,827.92 from \$99,483.75 to \$66,655.83.
- As a result of this Modification P00002, the total value of this contract is deobligated by \$32,827.92 from \$99,483.75 to \$66,655.83.
- As a result of this Modification P00002, the contractor has fulfilled all requirements, the Government has fulfilled all payments, and the contract is considered complete.
- This Modification P00002 constitutes a full and final settlement and disposition of all matters relating to this contract and is a full release and accord and satisfaction of any and all claims, demands, or causes of action that either the contractor or the Government may have against the other arising out of or related to the contract. Thus, the contractor hereby waives any and all rights and claims for equitable adjustment attributable to such facts and circumstances giving rise to the above termination and hereby releases the Government from any and all liability under this contract, including any interest and any claims for delay.
- Except as specifically provided in this Modification P00002, all other terms and conditions remain unchanged.

*** END OF NARRATIVE A0004 ***

CONTINUATION SHEET

Reference No. of Document Being Continued

Page 3 of 9

PIIN/SIIN W56HZV-12-C-0219

MOD/AMD P00002

Name of Offeror or Contractor: CRITCHLEY, JAMES HOCKRIDGE

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001AC	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS <u>DELETED</u>				

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-12-C-0219 MOD/AMD P00002	Page 4 of 9
Name of Offeror or Contractor: CRITCHLEY, JAMES HOCKRIDGE		

B.1 The payments under this contract are to be in accordance with the SubCLINs. SubCLINs 0001AA, 0001AB are set up to pay the contractor at the 2nd, 4th month, respectively, after contract award. If an Option CLIN is exercised (ref. C.6, C.7 & H.1), an Option CLIN and two SubCLINs will be established to pay the contractor in payments of \$24,966.88 and \$24,966.87, respectively, at the second (2nd) and fourth (4th) month after exercise of the option. All payments are contingent upon the Contracting Officer's Representative (COR) receiving and approving a DD Form 250. Payment will be made by the office indicated in Block 12 on the face page of the contract.

*** END OF NARRATIVE B0001 ***

Name of Offeror or Contractor: CRITCHLEY, JAMES HOCKRIDGE

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

STATEMENT OF WORK:

C.1 Scope

The Contractor, acting as an independent Contractor and not as an agent of the Government, shall provide the necessary personnel, facilities, materials, and services to complete the effort described on pages 4-16, Phase I Work Plan, of the Contractors proposal, Small Business Innovative Research (SBIR) Program Topic Number A12-069, Proposal Number A121-069-0357, entitled, "Next Generation Multibody Simulation Software" (incorporated by reference).

This Statement of Work (SOW) is for the integration of computational geometry, finite element, and multibody system algorithms for the development of new computational methodology for high-fidelity vehicle systems modeling and simulation.

C.2 Background

The Government interacts with dynamic multibody systems that are pervasive. A multibody system is defined as any physical system which may be modeled as interconnected, rigid or flexible bodies which includes machines and mechanisms ranging from terrestrial vehicles and space structures to manufacturing equipment, robots, micro, nano, molecular, and bio-mechanical systems. The role of multibody analysis in the successful design of these systems is critical and advances in multibody simulation technologies will make the next generation of dynamic system designs possible. There is a need to develop a multibody modeling and simulation framework using new multi-fidelity simulation and linking directly to computer aided design (CAD) geometries, finite element meshes, and design parameters.

The objective is to unify multibody analysis activities across all levels of modeling fidelity to achieve new levels of simulation performance. The developed framework will free the multibody analyst from the tedious model transcription and maintenance tasks so that attention can be focused on improving the analytical abstractions which lead to faster simulations and better system design, capabilities which other domains will seek to duplicate.

The multibody modeling and simulation framework developed under the Phase I SOW, will build the foundation for a new computational environment that can be used in the analysis of wheeled and tracked vehicles and their interaction with the terrain. The computational framework will be a general commercial purpose that accommodates modeling and simulation of any multibody system.

The research completed by the Contractor under the Phase I SOW shall support TARDECs mission in modeling and simulation of ground vehicles for evaluating mobility and reliability.

C.3 Tasks

C.3.1 The Contractor shall conduct a theoretical and computational study to demonstrate the feasibility of the multibody modeling and simulation framework that integrates computational geometry, finite element, and multibody system algorithms as the basis for the development of a new generation of software that is necessary for the simulation and virtual prototyping of military vehicles and equipment. There is no Government Furnished Equipment (GFE) required for this effort.

C.3.2 The Contractor shall consider the following desirable features of the modeling and simulation framework:

- a) Automated modeling and simulation capability
- b) Automated robustness investigation
- c) Automated archival system
- d) Pre- and post-processing independent of solver
- e) Benchmark of solver software by plug and play
- f) Integrated CAD-FE-MBD framework
- g) Choice of generalized, minimal, or natural coordinates
- h) Choice of symbolic or numerical solution
- i) Choice of serial, parallel, or high-performance solution
- j) Choice of real-time or off-line solution
- k) Built-in verification and validation

C.4 Deliverables

C.4.1 The Contractor shall submit two (2) Interim Technical Reports IAW CDRL A002.

C.4.1.1 Interim Technical Reports

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 6 of 9
	PIIN/SIIN W56HZV-12-C-0219	MOD/AMD P00002
Name of Offeror or Contractor: CRITCHLEY, JAMES HOCKRIDGE		

C.4.1.1.1 Each Interim Technical Report shall be in Contractor format and shall address the technical information and cover all the work performed to date against the SOW.

C.4.1.1.2 Additionally, each Interim Technical Report shall include:

C.4.1.1.2.1 At the beginning of the report shall be: the Contractor's name and address; the contract number; the nomenclature of the program; the date of the report; the period covered by the report; the title of the report; the security classification; and the name of the issuing Government activity;

C.4.1.1.2.2 A description of the progress made against milestones during the reporting period;

C.4.1.1.2.3 Results, positive or negative, obtained relative to previously identified problem areas, with conclusions and recommendations;

C.4.1.1.2.4 Any significant changes to the Contractor's organization or method of operation or to the planned technical milestone schedule;

C.4.1.1.2.5 Problem areas affecting technical or schedule elements, with background and any recommendations for solutions beyond the scope of the contract;

C.4.1.1.2.6 Contract schedule status;

C.4.1.1.2.7 Plans for activities during the following reporting period;

C.4.1.1.2.8 Name and telephone number of the preparer of the report;

C.4.1.1.2.9 Appendixes for any necessary tables, references, photographs, illustrations, and charts.

C.4.1.1.3 Information contained in the first Technical Interim Report shall not be duplicated in the second Interim Technical Report unless duplication is required to clearly document an effort that overlaps the timeframe of each report.

C.4.1.2 DELETED

C.4.1.2.1 DELETED

C.5 Start of Work Meeting

C.5.1 The Contractor shall plan and attend a one-day Start of Work meeting to take place no later than thirty (30) days after award of the base contract. The Government and Contractor shall mutually agree to the date, time and location of the Start of Work meeting. The Contractor shall at a minimum invite the Contracting Officer's Representative (COR), the Contract Specialist, and the Administrative Contracting Officer (ACO). The COR, Contract Specialist, and ACO shall be given at least fourteen (14) days advance notice of the time, date, and location of the Start of Work meeting. The preferred method of notification is by email.

C.6 Option Effort

C.6.1 If exercised, the Contractor shall complete the effort described on page 5, of the Contractors proposal, Small Business Innovative Research (SBIR) Program Topic Number A12-069, Proposal Number A121-069-0357, entitled, "Next Generation Multibody Simulation Software" (incorporated by reference).

C.7 Deliverables - Option Effort

C.7.1 Technical Report Addendum (Interim and Final). If the option is exercised, the Contractor shall submit an Interim Addendum to the Final Technical Report and a Final Addendum to the Final Technical Report, IAW CDRL A002.

C.8 Project Summary Report. The Contractor shall prepare and submit a Project Summary Report IAW CDRL A001.

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 7 of 9**

PIIN/SIIN W56HZV-12-C-0219

MOD/AMD P00002

Name of Offeror or Contractor: CRITCHLEY, JAMES HOCKRIDGE

SECTION F - DELIVERIES OR PERFORMANCE

F.1 Delivery

F.1.1 All items other than data (if any) called for in the contract shall be delivered FOB destination to:

US Army Tank Automotive Research, Development and
Engineering Center (TARDEC)
ATTN: Dr. Paramsothy Jayakumar
6501 E. 11 Mile Rd.
Warren, MI 48397-5000

F.1.2 Delivery of data set forth in the contract shall be in accordance with the Contract Data Requirements List (CDRL), DD Form 1423 (Exhibit A).

F.2 Performance - CLINs 0001 and 0002

F.2.1 The period of performance shall be six (6) months from the date of award.

F.2.2 DELETED

F.3 Performance - Option Effort (ref. C.4, C.5, and H.1)

F.3.1 The period of performance shall be four (4) months from date of option exercise, including submission of the Addendum to the Final Technical Report.

F.3.2 If exercised, the Contractor shall submit an Interim Addendum and an Addendum to the Final Technical Report in accordance with the requirements of Exhibit A, Contract Data Requirements List (DD Form 1423) Data Item A002. Acceptance of the Final Addendum will constitute completion of the option period.

F.4 Project Summary Report: The Contractor shall prepare and submit a Project Summary Report in accordance with the requirements of Exhibit A, CDRL, Data Item Number A001.

F.5 Contractor Manpower Report - CLIN 0003

F.5.1 The Contractor shall submit Contractor manpower reporting data in accordance with C-2, TACOM clause 52.237-4000. The report shall be entered on the following website by 31 October each year:

<https://cmra.army.mil>

F.6 Final Patent Report - CLIN 0004

F.6.1 The Contractor shall submit a Report of Inventions and Subcontracts, Form DD882, within three (3) months after contract completion to the Contracting Officer's Representative (COR) and the Contract Specialist.

*** END OF NARRATIVE F0001 ***

CONTINUATION SHEET

Reference No. of Document Being Continued

Page 8 of 9

PIIN/SIIN W56HZV-12-C-0219

MOD/AMD P00002

Name of Offeror or Contractor: CRITCHLEY, JAMES HOCKRIDGE

SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/ AMS CD/ MIPR/ <u>ITEM</u>	OBLG <u>STAT</u>	JO NO/ <u>ACCT ASSIGN</u>	<u>ACRN</u>	<u>PRIOR AMOUNT</u>	<u>INCREASE/ DECREASE</u>	<u>CUMULATIVE AMOUNT</u>
0001AC	R322C128R3 665502M4000	2	22C128	AA \$	32,827.92 \$	-32,827.92 \$	0.00
					NET CHANGE \$	-32,827.92	

<u>ACRN</u>	<u>ACCOUNTING CLASSIFICATION</u>	<u>INCREASE/ DECREASE</u>
AA	21 22040000026N6N7EP665502255Y S20113 W56HZV	\$ -32,827.92
NET CHANGE \$		-32,827.92

	<u>PRIOR AMOUNT OF AWARD</u>	<u>INCREASE/DECREASE AMOUNT</u>	<u>CUMULATIVE OBLIG AMT</u>
NET CHANGE FOR AWARD:	\$ 99,483.75	\$ -32,827.92	\$ 66,655.83

LINE	<u>ACRN</u>	<u>EDI/SFIS ACCOUNTING CLASSIFICATION</u>
0001AC	AA	21 121320400000 W56HZV 26N6N7E665502M4000255YR322C128R3 22C128 S20113

CONTINUATION SHEET

Reference No. of Document Being Continued

Page 9 of 9

PIIN/SIIN W56HZV-12-C-0219

MOD/AMD P00002

Name of Offeror or Contractor: CRITCHLEY, JAMES HOCKRIDGE

SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Exhibit A	CONTRACT DATA REQUIREMENT LIST	06-SEP-2013		

CONTRACT DATA REQUIREMENT LIST Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 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, Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

- A. CONTRACT LINE ITEM NO. (CLIN): 0002
- B. EXHIBIT.....: A
- C. CATEGORY.....: Reports
- D. SYSTEM/ITEM.....: Next Generation Multibody Simulation Software
- E. CONTRACT/PR NO.....: W56HZV-12-C-0219
- F. CONTRACTOR.....: Multibody.org

-
- 1. DATA ITEM NO.: A001
 - 2. TITLE OF DATA ITEM: Research and Development (R&D) Project Summary
 - 3. SUBTITLE: N/A
 - 4. AUTHORITY: DI-MISC-81612A
 - 5. CONTRACT REFERENCE: C.8
 - 6. REQUIRING OFFICE ..: RDTA-RS/MS 157
 - 7. WAWF/DD250 REQ .. : DD
 - 8. APP CODE : A
 - 9. DIST. STATEMENT REQUIRED: A
 - 10. FREQUENCY: SEE ITEM 16
 - 11. AS OF DATE: Date of Award
 - 12. DATE OF FIRST SUB: SEE ITEM 16
 - 13. DATE OF SUBS. SUB: SEE ITEM 16

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

Dr. Paramsothy Jayakumar, CONTRACTING OFFICER'S REPRESENTATIVE, E-MAIL: paramsothy.jayakumar.civ@mail.mil
**Patty Roussin, CONTRACT SPECIALIST, E-MAIL: patricia.m.roussin.civ@mail.mil

15. TOTAL:

16. REMARKS:

- a. The Contractor must submit a publicly releasable SBIR Phase I R&D Project Summary at the end of contract. The summary is an unclassified, non-sensitive, and non-proprietary summation of results that is intended for public viewing on the Army SBIR / STTR Small Business Portal. It should address the Data Item requirements on a summary basis and must not exceed 700 words.
- b. Since the Department of Defense (DOD) will be publishing the summary, it must not contain any proprietary, classified, or ITAR restricted data. The summary must be submitted electronically and be in HTML format and include the following:
 - i. A summation of the Phase I results;
 - ii. A description of the technology being developed;
 - iii. The anticipated DoD and/or non DoD customer;
 - iv. The plan to transition the SBIR technology to the customer;
 - v. The anticipated application/benefits for government and/or private sector use; and

vi. An image depicting the developed technology.

c. The Contractor shall deliver one (1) draft SBIR Phase I R&D Project Summary five (5) months and one (1) week after contract award. The COR will review the draft report and respond to the Contractor within seven (7) days of receipt with comments. The Contractor shall submit one (1) final SBIR Phase I R&D Project Summary within fourteen (14) days after receipt of draft comments/approval.

d. If an option is exercised, the contractor shall deliver a draft addendum to the previously submitted SBIR Phase I R&D Project Summary three (3) months and one (1) week after exercise of option. The COR will review the Draft Addendum and respond to the contractor, within seven (7) days of receipt, with comments. The Contractor shall submit the Final Addendum fourteen (14) days after receipt of Draft comments/approval.

e. The final SBIR Phase I R&D Project Summary Report shall be submitted in accordance with the format and instructions posted within the Army SBIR Small Business Portal at <https://portal.armysbir.army.mil/SmallBusinessPortal/Default.aspx> within 30 days of the contract end date.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

-
- 1. DATA ITEM NO.: A002
 - 2. TITLE OF DATA ITEM: Scientific and Technical Report
 - 3. SUBTITLE: Draft & Final Technical Report
 - 4. AUTHORITY: DI-MISC-80711A
 - 5. CONTRACT REFERENCE: C.4; C.7.1
 - 6. REQUIRING OFFICE .: RDTA-RS/MS 157
 - 7. WAWF/DD250 REQ .. : DD
 - 8. APP CODE : A
 - 9. DIST. STATEMENT REQUIRED: A
 - 10. FREQUENCY: SEE ITEM 16
 - 11. AS OF DATE: Date of Award
 - 12. DATE OF FIRST SUB: SEE ITEM 16
 - 13. DATE OF SUBS. SUB: SEE ITEM 16

14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

Dr. Paramsothy Jayakumar, CONTRACTING OFFICER'S REPRESENTATIVE, E-MAIL: paramsothy.jayakumar.civ@mail.mil
**Patty Roussin, CONTRACT SPECIALIST, E-MAIL: patricia.m.roussin.civ@mail.mil

Per DFARS clause 252.235-7011

(<http://www.acq.osd.mil/dpap/dars/dfars/html/current/252235.htm#252.235-7011>), each contractor shall:

- (a) submit two copies of the approved scientific or technical report delivered under the contract to the Defense Technical Information Center, Attn: DTIC-O, 8725 John J. Kingman Road, Fort Belvoir, VA 22060-6218;
- (b) Include a completed Standard Form 298, Report Documentation Page, with each copy of the report; and
- (c) For submission of reports in other than paper copy, contact the Defense Technical Information Center or follow the instructions at <http://www.dtic.mil>.

15. TOTAL:

16. REMARKS:

a. DELETED

- b. The First (1st) Interim Technical Report shall be delivered two (2) months after date of award.
- c. The Second (2nd) Interim Technical Report shall be delivered four (4) months after date of contract award.
- d. DELETED
- e. Option CLIN Interim Addendum to the Final Technical Report shall be delivered two (2) months after date of Option exercise.
- f. Option CLIN Final Addendum: The Draft Addendum to the Final Technical Report (with a completed SF 298) shall be delivered three (3) months and one (1) week after the date of the Option exercise. The COR will review and respond to the contractor within seven (7) days of receipt. The contractor shall submit the final addendum (with completed SF 298) within fourteen (14) days after receipt of draft comments/approval. Note: The Final Addendum shall be in contractor format and discuss not only the work accomplished during the Phase I basic contract period, but also explain how the Option Period effort ties into the basic contract period effort and the planned Phase II effort.
- g. You may download the SF 298 form, from the following internet address: http://www.dtic.mil/dtic/pdf/submit/SF0298_fillable.pdf
- h. Instructions for completing the SF 298 are provided in Attachment 001 to the contract.
- i. Here are some additional instructions for completing the SF 298 form that apply when submitting reports under the SBIR Program: For each unclassified report, the Contractor shall fill in Block 12a (Distribution/Availability Statement) of the SF 298 with one of the following statements:
 - i. Distribution Statement A: Approved for public release; distribution unlimited.
 - ii. Distribution Statement B: Distribution authorized to U.S. Government Agencies only; contains proprietary information.

Note: After reviewing the Contractor's entry in Block 12a, TARDEC has final responsibility for assigning a distribution statement. The contractor shall mark the actual report itself in accordance with the appropriate legends set forth in DFARS 252.227-7018, "RIGHTS IN NONCOMMERCIAL TECHNICAL DATA AND COMPUTER SOFTWARE -- SMALL BUSINESS INNOVATIVE RESEARCH (SBIR) PROGRAM". Block 13 (Abstract) of the SF 298 must include the first sentence, "Report developed under SBIR contract for topic (insert topic number)." The abstract must identify the purpose of the work and briefly describe the work carried out, the finding or results, and the potential applications of the effort. Since the Department of Defense (DOD) will be publishing the abstract, it must not contain any proprietary or classified data. Block 14 (Subject Terms) of the SF 298 must include the term "SBIR Report."

- 17. PRICE GROUP:
- 18. ESTIMATED TOTAL PRICE:

***** THE FOLLOWING INSTRUCTION APPLIES TO ALL REPORTS DELIVERABLE UNDER THE CONTRACT *****

Prepare the reports in Contractor format. Submit the reports using any of the following electronic formats:

- (1) Files readable using these Microsoft* Office XP or Microsoft* Office 2007 & lower Products: Word, Excel, or PowerPoint. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print or scan images of spreadsheets are not acceptable. Please see security note below for caution regarding use of macros.
- (2) Files in Adobe PDF (Portable Document Format). When scanning documents, scanner should be set to 200 dots per inch.
- (3) Files in HTML (Hypertext Markup Language) Format. HTML documents must not contain active links to Internet websites or web pages for reference information. All linked information must be contained within your electronic report, and be accessible offline.
- (4) Other electronic formats. Before preparing your report in any other electronic format, please e-mail the COR to obtain a decision as to the format's acceptability. This e-mail must be received by the COR not later than ten (10) calendar days before the draft report's due date. All alternate methods must be at no cost to the Government.

NOTE: Macros: The virus scanning software used by our e-mail systems cannot always distinguish a macro from a virus. Therefore, sending a macro embedded in an e-mail message or an e-mail attachment may cause the e-mail report to be quarantined.

a. Acceptable media: The Contractor shall submit reports via e-mail. If e-mail is not workable, another acceptable medium is a CD or a DVD. Identify the software application and version used to create each file submitted.

(1) E-MAIL. Maximum size of each e-mail message shall be ten (10) megabytes. You may use multiple e-mail messages if necessary. However, you must annotate the subject lines in this manner: "Message 1 of 3, 2 of 3, 3 of 3."

(2) CD or DVD to be delivered via U.S. Mail or other carrier. The Contractor shall label all submitted disks with the Contract number, the Contractor's name and address, and a contact's phone number. Exterior mailing envelopes containing disks must be addressed to the following address:

U.S. Army TARDEC
Attn: COR's Name / Office Symbol / Mail Stop
6501 East 11 Mile Road
Warren, MI 48397-5000

NOTE: Please select only one type of electronic media to transmit each report. For instance, do not submit a report via e-mail and CD.

* Registered Trademark

** Change Contract Specialist from Liz Radatz to Patty Roussin per modification P00001.