

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT1. Contract ID Code
Cost Plus Fixed Fee

Page 1 Of 9

2. Amendment/Modification No.

P00007

3. Effective Date

2013AUG06

4. Requisition/Purchase Req No.

SEE SCHEDULE

5. Project No. (If applicable)

6. Issued By

U.S. ARMY CONTRACTING COMMAND
LISA M. KOSKI
WARREN, MICHIGAN 48397-5000
HTTP://CONTRACTING.TACOM.ARMY.MIL

Code

W56HZV

7. Administered By (If other than Item 6)

DCMA CHICAGO
1523 WEST CENTRAL ROAD
BLDG 203
ARLINGTON HEIGHTS IL 60005-2451

Code

S1403A

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

SIGNATURE RESEARCH, INC
HEADQUARTERS
56905 CALUMET AVE
CALUMET, MI 49913-1972

9A. Amendment Of Solicitation No.

9B. Dated (See Item 11)

10A. Modification Of Contract/Order No.

W56HZV-11-C-0180

10B. Dated (See Item 13)

2011APR01

Code 0VSZ5

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: AD NET INCREASE: \$49,999.73

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 Contract/Order No. In Item 10A.

The Changes Set Forth In Item 14 Are Made In

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:

Mutual Agreement of the Parties

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

15C. Date Signed

16B. United States Of America

16C. Date Signed

(Signature of person authorized to sign)

By _____ /SIGNED/

(Signature of Contracting Officer)

2013AUG06

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

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 2 of 9**

PIIN/SIIN W56HZV-11-C-0180

MOD/AMD P00007

Name of Offeror or Contractor: SIGNATURE RESEARCH, INC

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: LISA M. KOSKI
Buyer Office Symbol/Telephone Number: CCTA-ASG-C/(586)282-9617
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 ***

W56HZV-11-C-0180 P00007

Previous Contract Amount:\$779,368.00
Amount of this Action: \$ 49,999.73
Total Contract Value: \$829,367.73

1. The purpose of bilateral modification P00007 is to fund Phase III follow-on work for the development of a survivability training course.
2. As a result of this modification, the contract is hereby modified as follows:
 - a. Section B, CLIN 0006 is established and funded in the amount of \$49,999.73 (PRON R33DB18R3).
 - b. Section C, C.2.7 is added.All added work is underlined.
 - c. Section F, F.1.1 period of performance date is updated to 31 January 2014.
 - d. Section G is revised to add accounting and appropriations data for the funds being added under this modification P00007.
3. As a result of this modification P00007, the contract value increases \$49,999.73 from \$779,368.00 to \$829,367.73.
4. All other terms and conditions remain unchanged.

*** END OF NARRATIVE A0008 ***

CONTINUATION SHEET

Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-11-C-0180 MOD/AMD P00007

Name of Offeror or Contractor: SIGNATURE RESEARCH, INC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT										
0006	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>PHASE III ADDITIONAL WORK</u></p> <p>GENERIC NAME DESCRIPTION: SURVIVABILITY 101 CLIN CONTRACT TYPE: Cost Plus Fixed Fee</p> <p>PRON: R33DB185R3 PRON AMD: 01 ACRN: AD AMS CD: 633005221</p> <p>Contractor shall furnish all the supplies and services to accomplish the task specified in Section C Scope of Work.</p> <p>Est. Cost: \$46,598.07 Fixed Fee: \$3,401.66 Total Amt.: \$49,999.73</p> <p>(End of narrative B001)</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u></p> <table border="0"> <tr> <td>DLVR SCH</td> <td>PERF COMPL</td> </tr> <tr> <td><u>REL CD</u></td> <td><u>QUANTITY</u></td> </tr> <tr> <td>001</td> <td>1</td> </tr> <tr> <td></td> <td><u>DATE</u></td> </tr> <tr> <td></td> <td>31-JAN-2014</td> </tr> </table> <p>\$ 49,999.73</p>	DLVR SCH	PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	001	1		<u>DATE</u>		31-JAN-2014	1	LO		\$ 49,999.73
DLVR SCH	PERF COMPL														
<u>REL CD</u>	<u>QUANTITY</u>														
001	1														
	<u>DATE</u>														
	31-JAN-2014														

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 INTRODUCTION

C.1.1 Background

Traditional tradeoff methodologies have not permitted an easy, efficient and analytically based means of trading between traditional survivability areas (such as signature management, smokes, threat detection, electronic countermeasures (jammers), blast mitigation, armor, and active protection systems)*** and other selected nontraditional survivability technology functional areas (such as lethality, mobility, situational awareness, blast mitigation and fire suppression), all of which effect vehicle survivability. The significance of having an explicit cross-functional tradeoff tool available early in vehicle concept development and system-level trade process, is that it allows system survivability to leverage benefits from other functional area capabilities.

C.1.2 Objective

This effort will provide a parametric representation of the vehicle threat blast interaction, mitigating solutions, and crew injury criteria. Utilizing approved models, algorithms and accredited data, this will allow assessment of IED blast threats and proposed survivability countermeasures. This will be integrated into the U.S. Army Tank Automotive Research and Development Engineering Center (TARDEC) Ground Systems Survivability (GSS) Threat Oriented Survivability Optimization Model (TOSOM.) TOSOMs survivability suite evaluation provides useful metrics for evaluation of vehicle survivability and the benefits of survivability technologies, facilitating rapid and efficient trades needed by the tactical vehicle design community. The incorporation of blast type threats will significantly enhance the utility of the model to vehicle developers in light of current and future trends in asymmetric warfare.

C.1.3 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 efforts described in this statement of work.

C.2 SCOPE OF WORK

C.2.1 Software Requirements Specification (SRS)

The contractor shall develop and define software requirements necessary for the parametric representation of the vehicle-threat blast interaction, mitigating solutions, and crew injury criteria. This will be detailed in a Software Requirements Specification (SRS). The software development effort shall provide for incorporation of blast threats and survivability technologies data, algorithms and parameterization approaches developed in the Phase I effort (Contract W56HZV-10-C-0188) into TOSOM. All requirements shall be documented as part of this process. The tasks for blast assessment in TOSOM are:

C.2.1.1 Threat Data Parameterization

The contractor shall utilize threat data from the TARDEC Ground Systems Survivability (GSS) Blast Mitigation Team. This data will be provided at the Start of Work Meeting. This data will provide the relationship between the specific threat (e.g. threat type, relative placement location, size) and vehicle platform. The contractor shall utilize this data as input for the blast Analytical Hierarchy Process (AHP) algorithm for calculation of TOSOM XML blast datasets.

C.2.1.2 Vehicle Data Parameterization

The contractor shall develop TOSOM blast datasets for: (1) The Mine Resistant Ambushed Protected, High Mobility Multi-purpose Wheeled Vehicle; (2) Stryker Family of Vehicles; (3) M-1 Abrams; (4) M-2/3 Bradley Fighting Vehicle; and (5) The Family of Medium Tactical Vehicles platforms. This data will be provided at the Start of Work Meeting. The contractor shall utilize any previously developed vehicle data and associated geometries and extend the data files for the inclusion of those performance characteristics for describing system response to the blast threats.

C.2.1.3 Injury Reduction Algorithm Development

The contractor shall perform the SAE J1727 IARV ratio computation procedure, and the AHP methodology for determining the effectiveness of the blast mitigation design features effects on reductions in the level of crew injuries expected. The relative reductions in an associated IARV value as a result of vehicle design differences (hull angular blast deflection, floor spaced configuration, etc.) shall be used to develop an effectiveness ratio. This ratio, based on the initial and modified vehicle configurations, shall be used for the effectiveness value for the modified system.

C.2.2 Blast Model Description

The contractor shall develop the blast conceptual model description, describing the implementation methodologies, metrics and parameterization employed to account for the technologies impacts on system survivability. The software documentation shall include the conceptual model description.

C.2.3 Software Development

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Name of Offeror or Contractor: SIGNATURE RESEARCH, INC		

The contractor shall utilize the SRS (Section C.2.1) to direct the development of the object oriented software design and implementation of the associated methodologies necessary to build GUI and model components into the existing TOSOM code. The software development effort shall be performed using software design procedures and practices currently in use by the contractor for the enhancement of TOSOM under contract: FA8222-05-D-0001, Delivery Order: FA8222-05-D-0001-008.

C.2.4 Online Software Documentation and Blast Assessment Conceptual Model Description

The contractor shall update the TOSOM online help system to reflect the new features created under this effort. This shall include the data requirements, algorithm details, error messages, and all pertinent details about the use of the blast assessment module from the perspective of the complete TOSOM application.

C.2.5 Model testing and Functional Verification

The contractor shall develop methodologies to document that TOSOMs representation and implementation of the non-traditional survivability methodologies implemented in this effort is appropriate and consistent with the methodologies detailed in the conceptual model description. The model testing and functional verification shall be a continuous with results reported at IPRs and in Contractors Progress, Status and Management Report

C.2.6 Review of Survivability Course Materials***

The Contractor shall review existing GSS-developed Survivability Training 101 course material (attachment 0003, Form DD 254, Contract Security Classification Specification applies) and shall make recommendations for improving, expanding, and updating said course material in all areas of traditional and nontraditional survivability approaches. The contractors recommendations shall consider TOSOM and its application to survivability tradeoffs and optimization. A copy of the existing material in support of Survivability Training 101 will be provided to the contractor at the Start of Work Meeting, in accordance with paragraph C.3.1.2 below. The contractor shall record its recommendations within the Draft and Final Technical report in accordance with paragraph C.3.5 below.

C.2.7 Develop a Survivability 101 Course Curriculum & Lesson Plans****

C.2.7 Develop Improved Survivability Training: The contractor shall develop four lesson modules for a survivability course and detailed instructor lesson plan for a comprehensive training program. The survivability lessons shall include concepts from threat characterization through integrated test and evaluation of ground systems survivability software suites. The lessons shall use concepts of traditional, as well as nontraditional technologies, approaches for evaluating survivability benefits, technology burdens, and survivability tradeoffs and optimization models, such as the Threat Oriented Survivability Optimization Model, TOSOM. The lessons shall also use a systems engineering structured approach to presenting the course. This effort has the goal of completing four lessons on detection avoidance, hit avoidance, kill avoidance, vehicle threat, and outline the rest of the lessons (three more are planned) for the survivability course.

C.2.7.1 Start of Work Meeting: The contractor shall conduct a start of work meeting with TARDEC not later than ten (10) working days after modification (P00006) award. At this meeting, the contractor shall present and review the proposed program of instruction, and present the plans to develop three, 3-hour lectures on detection avoidance, hit avoidance, kill avoidance; and the ground vehicle/crew threat lecture. The contractor shall review risk items (cost and schedule) to TARDEC, and present a risk mitigation plan as part of the start of work meeting. The contractor shall include information, including classified data, to fully assess the state of the art in crew survivability, and to provide for maximum student engagement in the training process. The contractor shall provide draft lesson outlines to TARDEC for review and comments.

C.2.7.2 Deliverables: The contractor shall provide a presentation to TARDEC of the completed lessons and lesson plans at the end of the contract period. The contractor shall provide a written plan for the remaining lessons and lesson plans to complete TARDECs objective of developing a 2-week Survivability 101 Training Course. The course shall be suitable for training TARDEC employees, other government and contractor personnel in vehicle survivability. The contractor shall deliver the lessons seven (7) working days after the oral presentation, IAW CDRL A003.

C.2.7.3 Security: This task requires access to and processing of classified information. A Form DD-254 has been provided by TARDEC, and the contractor shall follow the requirements for protecting and transmitting classified information. Personnel having access to the classified materials shall have appropriate security clearances. All classified materials shall be prepared on approved automated information systems (AIS) computers.

C.3 REVIEWS AND DELIVERABLES

C.3.1 Start of Work Meeting

C.3.1.1 Base Effort

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Name of Offeror or Contractor: SIGNATURE RESEARCH, INC

The Contractor shall initiate, plan, coordinate and conduct a start of work meeting with the COR within thirty (30) days after the date of the contract award. The COR and the Contractor shall mutually agree to the time and location of the meeting. At the meeting, the Contractor shall present its plan for accomplishing the contract requirements, milestones, and results. The Contractor shall cover all proposed aspects of their planned work effort.

C.3.1.2 Task C.2.6***

The Contractor shall initiate, plan, coordinate and conduct a start of work meeting with the COR within seven (7) days after the date of Modification P00003. The COR and the Contractor shall mutually agree to the time and location of the meeting. At the meeting, the Contractor shall present its plan for accomplishing the requirements under paragraph C.2.6, including milestones and results. The Contractor shall cover all proposed aspects of its planned work effort.

C.3.2 In-Process Reviews (IPR)

The Contractor shall initiate, plan, coordinate and conduct no less than two (2) inprocess reviews. The reviews shall be held on site at either the Contractor's location or the government's location by mutual agreement. The IPR meeting schedule shall be projected at the start of work meeting and mutually agreed upon by the COR and the Contractor. These IPRs shall correspond with and support major program milestones.

C.3.3 Contractors Progress, Status and Management Report

The Contractor shall submit a monthly Contractors Progress, Status and Management Reports in accordance with Exhibit A, CDRL Data Item A001. The report shall include the status of significant developments and efforts performed under all Section C tasks. The Contractor shall deliver progress reports starting at the end of the second month after contract award and the final submission is to be provided with the final report. The report shall summarize progress made during the period as well as to report all experimental/ detailed findings, gap analyses between deliverables, metrics, and milestone, problems, and mitigation strategies.

C.3.4 Cost and Performance Reports

The Contractor shall submit monthly Cost and Performance Reports in accordance with Exhibit A, CDRL Data Item A004. This report shall include the total man-hours expended by technical categories or program sections, cumulative total man-hours to date and percentages of total man-hours spent to date. This report shall also include total funds expended by technical category, for the month, cumulative total funds spent to date and percentage of total spent to date, percentage of work completed by technical category and cumulative percentage of the total contracted work completed to date. This report shall be due monthly starting thirty (30) days after contract award and the final submission is to be provided with the final report.

C.3.5 Draft and Final Technical Report(s)

The Contractor shall submit a draft of the final technical report in accordance with Exhibit A, CDRL Data Item A003. The report shall be due thirty (30) days before completion of contract performance period. The Government will have fifteen (15) days to review the draft. The final technical report shall be due fifteen (15) days after Government review and approval of the draft. The final report shall include all tasks done under the contract as well as problems encountered, solutions implemented, and lessons learned from the program.

C.3.6 Project Summary Report

The contractor shall prepare and submit a Project Summary Report in accordance with the requirements of Exhibit A, CDRL Data Item A002.

C.3.7 Software Delivery

The Contractor shall deliver the updated TOSOM software developed in Sections C.2.3 and C.2.4 to TARDEC no later than thirty (30) days before completion of contract performance period in accordance with Exhibit A, CDRL Data Item A005.

**** Added pursuant to modification P00007

*** END OF NARRATIVE C0001 ***

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 7 of 9****PIIN/SIIN** W56HZV-11-C-0180**MOD/AMD** P00007**Name of Offeror or Contractor:** SIGNATURE RESEARCH, INC

SECTION F - DELIVERIES OR PERFORMANCE

F.1 PERIOD OF PERFORMANCE:

*F.1.1 All effort required under this contract, including delivery of the final technical report, shall be completed no later than 31 January 2014.

F.2 DATA DELIVERABLES:

F.2.1 Delivery of data set forth in the contract shall be in accordance with the Contract Data Requirements List, DD Form 1423.

F.3 MATERIAL/HARDWARE DELIVERABLES

F.3.1 All materials/hardware required to be delivered under the contract shall be delivered FOB Destination to the following address:

Commander

U.S. Army TARDEC
ATTN: Daniel Hicks, Bld. 200C, 1st Fl., Rm. 1222C, AMSRD-TAR-R (MS 263)
6501 E. 11 Mile Road
Warren, MI 48397-5000

*changed pursuant to modification p00007

*** END OF NARRATIVE F0001 ***

CONTINUATION SHEET

Reference No. of Document Being Continued

PIIN/SIIN W56HZV-11-C-0180

MOD/AMD P00007

Name of Offeror or Contractor: SIGNATURE RESEARCH, INC

SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/ AMS CD/ <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>
0006	R33DB185R3 633005221	2	R.0005716.2.11	AD \$	0.00 \$	49,999.73 \$	49,999.73
						NET CHANGE \$	49,999.73

<u>ACRN</u>	<u>ACCOUNTING CLASSIFICATION</u>	<u>INCREASE/ DECREASE</u>
AD	021 201320142040 A60FL 633005221RK02 2550 L033706093 R.0005716.2.11	021001 \$ <u>49,999.73</u>
		NET CHANGE \$ 49,999.73

	<u>PRIOR AMOUNT OF AWARD</u>	<u>INCREASE/DECREASE AMOUNT</u>	<u>CUMULATIVE OBLIG AMT</u>
NET CHANGE FOR AWARD:	\$ 779,368.00	\$ 49,999.73	\$ 829,367.73

LINE	<u>ACRN</u>	<u>EDI/SFIS ACCOUNTING CLASSIFICATION</u>	
0006	AD	021 201320142040 A60FL 633005221RK02	2550 L033706093 R.0005716.2.11 021001

CONTINUATION SHEET

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Name of Offeror or Contractor: SIGNATURE RESEARCH, INC

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-AUG-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.... 0002
- B. EXHIBIT..... A
- C. CATEGORY..... Reports
- D. SYSTEM/ITEM..... System Design Optimization Model
- E. CONTRACT/PR NO..... W56HZV-11-C-0180
- F. CONTRACTOR..... Signature Research, Inc.

- 1. DATA ITEM NO..... A001
- 2. TITLE OF DATA ITEM..... Contractor's Progress Status and Management Report
- 3. SUBTITLE..... Monthly Reports
- 4. AUTHORITY..... DI-MGMT-80227(T) (see 16a. below)
- 5. CONTRACT REFERENCE..... C.3.3
- 6. REQUIRING OFFICE..... RDTA-RS/MS-263
- 7. WAWF/DD250 REQ..... LT
- 8. APP CODE..... N/A
- 9. DIST. STATEMENT REQUIRED. XX
- 10. FREQUENCY..... Monthly
- 11. AS OF DATE..... Date of Award
- 12. DATE OF FIRST SUB..... 60 Days After Contract Award
- 13. DATE OF SUBS. SUB..... Monthly thereafter
- 14. DISTRIBUTION ADDRESSEES. Submit reports electronically to the e-mail addresses shown immediately below:

Daniel Hicks, Contracting Officer's Representative,
E-mail: daniel.hicks1@us.army.mil

Lisa Koski, Contract Specialist,
E-mail: lisa.m.koski.civ@mail.mil

Cognizant ACO, DCMA, See Section G of the Contract

- 15. TOTAL..... 3
- 16. REMARKS..... DI-MGMT-80227 is tailored by deleting 10.2, 10.3(j), 10.3(k), and 10.3(l)
- 17. PRICE GROUP..... N/A
- 18. ESTIMATED TOTAL PRICE... N/A

- 1. DATA ITEM NO..... A002
- 2. TITLE OF DATA ITEM..... Research and Development (R&D) Project Summary
- 3. SUBTITLE..... N/A
- 4. AUTHORITY..... DI-MISC-81612B
- 5. CONTRACT REFERENCE..... C.3.6
- 6. REQUIRING OFFICE..... RDTA-RS/MS-263
- 7. DD 250 REQ..... DD
- 8. APP CODE..... A

- 9. DIST STATEMENT REQUIRED.. A
- 10. FREQUENCY..... See Item 16
- 11. AS OF DATE..... See Item 16
- 12. DATE OF FIRST SUB..... See Item 16
- 13. DATE OF SUBSEQUENT SUB.. See Item 16
- 14. DISTRIBUTION ADDRESSEES. Submit reports electronically to the
e-mail addresses shown immediately below:

Daniel Hicks, Contracting Officer's Representative,
E-mail: daniel.hicks1@us.army.mil

Koski, Contract Specialist,
E-mail: lisa.m.koski.civ@mail.mil

Cognizant ACO, DCMA, See Section G of the Contract

- 15. TOTAL..... 3
- 16. REMARKS..... The contractor must submit a publicly releasable SBIR Phase II 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. 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. The Contractor shall deliver one (1) draft "SBIR Phase II R&D Project Summary" twenty-six(26)*** months after contract award. The COR shall review the draft report and return it to the Contractor within fifteen (15) days of receipt with comments. The Contractor shall submit one (1) final "SBIR Phase II R&D Project Summary" within fifteen (15) days after receipt of draft comments.
- 17. PRICE GROUP..... N/A
- 18. ESTIMATED TOTAL PRICE... N/A

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- 1. DATA ITEM NO..... A003
 - 2. TITLE OF DATA ITEM..... SCIENTIFIC AND TECHNICAL REPORT
 - 3. SUBTITLE..... DRAFT/FINAL TECHNICAL REPORT
 - 4. AUTHORITY..... DI-MISC-80711A(T) (see 16a. below)
 - 5. CONTRACT REFERENCE..... C.3.5
 - 6. REQUIRING OFFICE..... RDTA-RS/MS-263
 - 7. WAWF/DD250 REQ..... DD
 - 8. APP CODE..... A
 - 9. DIST. STATEMENT REQUIRED. XX
 - 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:

Daniel Hicks, Contracting Officer's Representative,
E-mail: daniel.hicks1@us.army.mil

Lisa Koski, Contract Specialist,
E-mail: lisa.m.koski.civ@mail.mil

Cognizant ACO, DCMA, See Section G of the Contract

- 15. TOTAL..... 3
- 16. REMARKS.....
 - a. DI-MISC-80711A is tailored by deleting 10.2.
 - b. The Draft of the Final Technical Report shall be delivered twenty-six(26)*** months after date of contract award. The draft report shall include a completed Standard Form (SF 298 (Report Documentation Page) as the report's cover

sheet. The Government will review and respond within 15 days of receipt. The contractor shall submit the Final Technical Report (with the completed SF 298) within 15 days after receipt of draft comments/approval.

- c. You may download the SF 298 form, from the following internet address:
<http://www.dtic.mil/dtic/forms/sf298template.doc>

Instructions for completing the SF 298 are provided in Attachment 001 to the contract.

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:

- (a) Approved for public release; distribution unlimited.
- (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..... N/A
- 18. ESTIMATED TOTAL PRICE... N/A

- 1. DATA ITEM NO..... A004
- 2. TITLE OF DATA ITEM..... Performance and Cost Reports
- 3. SUBTITLE..... N/A
- 4. AUTHORITY..... DI-FNCL-80912
- 5. CONTRACT REFERENCE..... C.3.4
- 6. REQUIRING OFFICE..... RDTA-RS/MS-263
- 7. WAWF/DD250 REQ..... LT
- 8. APP CODE..... N/A
- 9. DIST. STATEMENT REQUIRED. XX
- 10. FREQUENCY..... Monthly
- 11. AS OF DATE..... Date of Award
- 12. DATE OF FIRST SUB..... 60 Days After Contract Award
- 13. DATE OF SUBS. SUB..... Monthly thereafter

14. DISTRIBUTION ADDRESSEES. Submit reports electronically to the
e-mail addresses shown immediately below:

Daniel Hicks, Contracting Officer's Representative,
E-mail: daniel.hicks1@us.army.mil

Lisa Koski, Contract Specialist,
E-mail: lisa.m.koski.civ@mail.mil

Cognizant ACO, DCMA, See Section G of the Contract

15. TOTAL..... 3
16. REMARKS.....
17. PRICE GROUP..... N/A
18. ESTIMATED TOTAL PRICE... N/A

1. DATA ITEM NO..... A005
2. TITLE OF DATA ITEM..... Computer Software Product End Items
3. SUBTITLE..... N/A
4. AUTHORITY..... DI-MCCR-80700 (see 16a. below)
5. CONTRACT REFERENCE..... C.3.7
6. REQUIRING OFFICE..... RDTA-RS/MS-263
7. WAWF/DD250 REQ..... DD
8. APP CODE..... N/A
9. DIST. STATEMENT REQUIRED. XX
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 ADDRESSEE..

U.S. Army TARDEC
Daniel Hicks, RDTA-R/MS-263
6501 East 11 Mile Road
Warren, MI 48397-5000

15. TOTAL..... 1
16. REMARKS.....

a. Software to be delivered no later than (30) days before
completion of contract performance period.

b. Software shall be executable and on 650 MEGABYTE CD ROM.

17. PRICE GROUP..... N/A
18. ESTIMATED TOTAL PRICE... N/A

***** 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 2002 & lower Products: Word, Excel, PowerPoint, or
Access. 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, with an e-mail copy-furnished to amsta-idq@tacom.army.mil, 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.

(5) Please note that we can no longer accept .zip files due to increasing security concerns.

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.

d. Acceptable media: The Contractor shall submit reports via e-mail. If e-mail is not workable, another acceptable media is a 650 megabyte CD ROM. Identify the software application and version used to create each file submitted.

(1) E-MAIL. Maximum size of each e-mail message shall be three and one-half (3.5) megabytes. Previously "zipped" files were accepted, but due to security concerns these zipped attachments cannot be received through our mail system. 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) 650 MEGABYTE CD ROM 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
Daniel Hicks, RDTA-R/MS-263
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-ROM.

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*** Revised Pursuant to Modification P00003