

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

Page 1 Of 5

2. Amendment/Modification No.

P00003

3. Effective Date

2014APR17

4. Requisition/Purchase Req No.

SEE SCHEDULE

5. Project No. (If applicable)

6. Issued By

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

EMAIL: JUSTIN.S.EAGLE@US.ARMY.MIL

Code

W56HZV

7. Administered By (If other than Item 6)

DCMA PHILADELPHIA
700 ROBBINS AVENUE, BLDG 4-A
P.O. BOX 11427
PHILADELPHIA PA 19111-0427

Code

S3915A

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

RE2, INC.
4925 HARRISON ST
PITTSBURGH, PA 15201-2722

9A. Amendment Of Solicitation No.

9B. Dated (See Item 11)

10A. Modification Of Contract/Order No.

W56HZV-11-C-0204

10B. Dated (See Item 13)

2011JUL22

Code 3MDR5

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.**

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

2014APR17

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 5
	PIIN/SIIN W56HZV-11-C-0204 MOD/AMD P00003	
Name of Offeror or Contractor: RE2, INC.		

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: JUSTIN EAGLE
 Buyer Office Symbol/Telephone Number: CCTA-ASG/(586)282-9637
 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
 Contract Expiration Date: 2014NOV24

*** End of Narrative A0000 ***

W56HZV-11-C-0204 P00003

PROGRAM: Phase II SBIR for Development, Modular Intelligent Manipulation System with Intuitive Control (MIMIC)

PURPOSE OF MODIFICATION: Extend the Period of Performance (PoP)

Negotiated Value: \$1,222,743.00
 This Action: \$ 0.00
 Total Negotiated Value: \$1,222,743.00

Obligated Amount: \$1,222,743.00
 This Action: \$ 0.00
 Total Obligated Amount: \$1,222,743.00

1. The purpose of bilateral modification P00003 is to extend the Period of Performance six (6) months from 22 May 2014 to 24 November 2014.
2. As a result of Modification P00003, the following changes are hereby made:
 - a) Section B - Revised completion date on CLIN 0005AA to 24NOV2014.
 - b) Section F - Revised paragraph F.1.1, Period of Performance, to 24 November 2014.
 - c) Section J - Revised delivery dates on CDRL A006, Research and Development Project Summary.
 - i. Paragraph 16.b is revised as follows:
 - * Delivery date for draft summary is changed from nine (9) months to fifteen (15) months after contract award.
 - * Delivery date for final summary is changed from fifteen (15) months to sixteen (16) months after contract award.
3. As a result, the obligated amount is unchanged.
4. Except as provided herein, all other terms and conditions remain unchanged and in full force and effect.

*** END OF NARRATIVE A0003 ***

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 4 of 5****PIIN/SIIN** W56HZV-11-C-0204**MOD/AMD** P00003**Name of Offeror or Contractor:** RE2, INC.

SECTION F - DELIVERIES OR PERFORMANCE

F.1 PERIOD OF PERFORMANCE

F.1.1 All effort required under this contract, including deliver of the final technical report, shall be completed by 24 November 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:

US Army TARDEC
ATTN: Jeremy P. Gray, COR, RDTA-RS, MS 264
6501 E. 11 Mile Rd.
Warren, MI 48397-5000

*Revised by Modification P00003

*** END OF NARRATIVE F0001 ***

CONTINUATION SHEET

Reference No. of Document Being Continued

Page 5 of 5

PIIN/SIIN W56HZV-11-C-0204

MOD/AMD P00003

Name of Offeror or Contractor: RE2, 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 REQUIREMENTS LIST (DD FORM 1423)	31-MAR-2014		

RE 2, Inc.
Modular Intelligent Manipulation System with Intuitive Control (MIMIC)

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: 0003
B. EXHIBIT: A
C. CATEGORY: Other
D. SYSTEM/ITEM: Modular Intelligent Manipulation System with Intuitive Control (MIMIC)
E. CONTRACT NO: W56HZV-11-C-0204
F. CONTRACTOR: RE 2, Inc.

1. DATA ITEM NO: A001
2. TITLE OF DATA ITEM: Contractors Progress, Status, and Management Report
3. SUBTITLE: Phase II Progress Reports
4. AUTHORITY: DI-MGMT-80227(T)
5. CONTRACT REFERENCE: C.4.1
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: DD
8. APP CODE: LT
9. DIST. STATEMENT REQUIRED: B
10. FREQUENCY: QRTLY
11. AS OF DATE: 90 DAC
12. DATE OF FIRST SUB: 90 DAC
13. DATE OF SUBS. SUB: QRTLY
14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO
THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:
NAME: Jeremy Gray, COR E-MAIL: jeremy.p.gray.civ@mail.mil
NAME: Michael Ivkov, Contract Specialist E-MAIL: michael.g.ivkov.civ@mail.mil
Name: Nancy McCluskey, ACO E-MAIL: nancy.mcccluskey@dcma.mil

15. TOTAL:
16. REMARKS:

a. The Contractor shall deliver quarterly (every three months) progress reports in the Phase II. The first report by ninety (90) days after the contract award date.

b. Complete the reports in accordance with (IAW) Data Item Description (DID) DI-MGMT-80227, Contractors Progress, Status, and Management Report. The COR is responsible for accepting or rejecting the Contractors Progress, Status, and Management Reports. See DID DI-MGMT-80227, at the internet address: <https://www.netc.navy.mil/ILE/contentItems/dids/80227.pdf>, for instructions on completing the required report.

Note Tailoring: Delete paragraphs 10.3g, k, and l from DID DI-MGMT-80227.

1. DATA ITEM NO: A002
2. TITLE OF DATA ITEM: Technical Report Study/Services
3. SUBTITLE: Phase II Draft and Final Technical Reports
4. AUTHORITY: DI-MISC-80508A

5. CONTRACT REFERENCE: C.4.2
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: DD
8. APP CODE: A
9. DIST. STATEMENT REQUIRED: B
10. FREQUENCY: ONE/R
11. AS OF DATE: 23 months after award of contract
12. DATE OF FIRST SUB: 23 months after award of contract
13. DATE OF SUBS. SUB: 24 months after award of contract
14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

NAME: Jeremy Gray, COR E-MAIL: jeremy.p.gray.civ@mail.mil
NAME: Michael Ivkov, Contract Specialist E-MAIL: michael.g.ivkov.civ@mail.mil
Name: Nancy McCluskey, ACO E-MAIL: nancy.mccluskey@dcma.mil

15. TOTAL:
16. REMARKS:

a. The Contractor shall deliver one (1) draft Technical Report - Study/Services, twenty-three (23) months after contract award. The draft report shall include a completed Standard Form (SF) 298 (Report Documentation Page) as the reports cover sheet. The COR shall review the draft report and return it to the Contractor within fourteen (14) days of receipt with comments. The Contractor shall submit one (1) final Technical Report - Study/Services (with the completed SF 298) within fourteen (14) days after receipt of draft comments.

b. These instructions apply to Technical Reports: Complete the reports IAW DID DI-MISC 80508A, Scientific and Technical Reports. The COR is responsible for accepting or rejecting the draft and final reports, and for submitting the approved final report to the Defense Technical Information Center (DTIC), in Ft. Belvoir, VA. See the data item description (DI-MISC-80508A), at the internet address: <http://www.smdc.army.mil/contracts/DIDs/DI-MISC80508A.pdf>, for instructions on completing the required report.

You may download the SF 298 form, from the internet address: <http://www.dtic.mil/whs/directives/infomgt/forms/eforms/sf0298.pdf>.

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 Contractors entry in Block 12a, TACOM has final responsibility for assigning a distribution statement.

Block 13 (Abstract) of the SF 298 must include the first sentence, Report developed under SBIR contract for topic A09-186. 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.

1. DATA ITEM NO: A003
2. TITLE OF DATA ITEM: Cost and Performance Reports
3. SUBTITLE:
4. AUTHORITY: DI-MISC-80508A
5. CONTRACT REFERENCE: C.4.5
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: DD
8. APP CODE: LT
9. DIST. STATEMENT REQUIRED: B
10. FREQUENCY: MTHLY
11. AS OF DATE: 30 DAC
12. DATE OF FIRST SUB: 30 DAC
13. DATE OF SUBS. SUB: MTHLY
14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO
THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

NAME: Jeremy Gray, COR E-MAIL: jeremy.p.gray.civ@mail.mil
NAME: Michael Ivkov, Contract Specialist E-MAIL: michael.g.ivkov.civ@mail.mil
Name: Nancy McCluskey, ACO E-MAIL: nancy.mccluskey@dcma.mil

15. TOTAL:
16. REMARKS:

a. The Contractor shall deliver a brief Performance and Cost Report each month that states the actual number of hours worked on this contract, the actual costs incurred to date (separate categories including labor, travel, and materials), the expected number of hours to be worked (based on initial estimates), and the expected cost to date (based on initial estimates).

1. DATA ITEM NO: A004
2. TITLE OF DATA ITEM: Research and Development (R&D) Summary
3. SUBTITLE:
4. AUTHORITY: DI-MISC-80508A
5. CONTRACT REFERENCE: C.4.5
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: DD
8. APP CODE: A
9. DIST. STATEMENT REQUIRED: A
10. FREQUENCY: ONE/R
11. AS OF DATE: 23 months after award of contract
12. DATE OF FIRST SUB: 23 months after award of contract
13. DATE OF SUBS. SUB: 24 months after award of contract
14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

NAME: Jeremy Gray, COR E-MAIL: jeremy.p.gray.civ@mail.mil
NAME: Michael Ivkov, Contract Specialist E-MAIL: michael.g.ivkov.civ@mail.mil
Name: Nancy McCluskey, ACO E-MAIL: nancy.mccluskey@dcma.mil

15. TOTAL:
16. REMARKS:

1. DATA ITEM NO: A005
2. TITLE OF DATA ITEM: Prototype System
3. SUBTITLE:
4. AUTHORITY:
5. CONTRACT REFERENCE: Section C.4.6.1
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: DD
8. APP CODE:
9. DIST. STATEMENT REQUIRED: A
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUB: See Block 16
13. DATE OF SUBS. SUB: See Block 16
14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

Name: Jeremy Gray, COR E-MAIL: jeremy.p.gray.civ@mail.mil
Name: Marty Lynch, Contract Specialist E-MAIL: marty.d.lynch.civ@mail.mil
Name: Theresa Pietrowski, ACO E-MAIL: theresa.pietrowski@dcma.mil

15. TOTAL: see below

16. REMARKS:

a. The Contractor shall deliver to the COR one (1) Enhanced Imitative Controller prototype system, as described in SOW Section C.2.2.2, upon the completion of the contract.

b. The contractor must deliver a prototype capable of being publicly demonstrated at the end of contract. Since the Department of Defense (DOD) will be publically demonstrating the completed prototype, it must not contain any exposed proprietary, classified, or ITAR

restricted data or components.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO: A006
2. TITLE OF DATA ITEM: Research and Development (R&D) Project summary
3. SUBTITLE:
4. AUTHORITY: DI-MISC-81612A
5. CONTRACT REFERENCE: Section C.4.6.2
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: DD
8. APP CODE:
9. DIST. STATEMENT REQUIRED: B
10. FREQUENCY: See Block 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUB: See Block 16
13. DATE OF SUBS. SUB: See Block 16
14. DISTRIBUTION ADDRESSEES: SUBMIT REPORTS ELECTRONICALLY TO THE E-MAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

Name: Jeremy Gray, COR E-MAIL: jeremy.p.gray.civ@mail.mil
Name: Marty Lynch, Contract Specialist E-MAIL: marty.d.lynch.civ@mail.mil
Name: Theresa Pietrowski, ACO E-MAIL: theresa.pietrowski@dcma.mil

15. TOTAL: see below

16. REMARKS:

a. The contractor must submit a publicly releasable SBIR Phase II Enhancement 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.

b. The Contractor shall deliver one (1) draft "SBIR Phase II Enhancement R&D Project Summary" fifteen (15)** months after contract award. The COR shall review the draft project summary and return it to the Contractor within fifteen (15) days of receipt with comments. The Contractor shall submit one (1) final "SBIR Phase II Enhancement R&D Project Summary" within fifteen (15) days after receipt of draft comments (16 months after contract award)**.

Note Tailoring: DID DI-MISC-81612A is tailored by deleting the underlined text as noted in Attachment 002 to the contract.

17. PRICE GROUP: 18. ESTIMATED TOTAL PRICE:

a. 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.

b. The Contractor shall deliver one (1) draft "SBIR Phase II R&D Project Summary" twenty-three (23) months after contract award. The COR shall review the draft project summary 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 (24 months after contract award).

Note Tailoring: DID DI-MISC-81612A is tailored by deleting the underlined text as noted in Attachment 002 to the contract.

***** 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, 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-idg@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.

6. 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.

a. 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."

b. 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
Jeremy P. Gray
RDTA-RS/MS 264
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.

* Registered Trademark

** Revised by Modification P00003