

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Firm Fixed Price

Page 1 Of 5

2. Amendment/Modification No. P00002	3. Effective Date 2014APR02	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 LATHROP P O BOX 232 700 EAST ROTH ROAD, BLDG 330 (LATHROP, CA) FRENCH CAMP CA 95231-0232	Code S0507A
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8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) LITHIUMSTART LLC 103 W NORTH STREET HEALDSBURG, CA 95448-4814	<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-0290
	<input type="checkbox"/>	10B. Dated (See Item 13) 2013SEP24
Code 6R6N6	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.**

<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 2014APR02

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 2 of 5
	PIIN/SIIN W56HZV-13-C-0290	MOD/AMD P00002
Name of Offeror or Contractor: LITHIUMSTART LLC		

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
 Weapon System: No Identified Army Weapons Systems
 Contract Expiration Date: 2014MAR23

*** End of Narrative A0000 ***

MODIFICATION P00002, W56HZV-13-C-0290

PREVIOUS NEGOTIATED CONTRACT VALUE: \$99,940.63
 NEGOTIATED VALUE OF THIS ACTION: \$ 0.00
 TOTAL NEGOTIATED CONTRACT VALUE: \$99,940.63

PREVIOUS OBLIGATED CONTRACT AMOUNT: \$99,940.63
 OBLIGATED AMOUNT OF THIS ACTION: \$ 0.00
 TOTAL OBLIGATED CONTRACT AMOUNT: \$99,940.63

1. The purpose of this no-cost bi-lateral Modification P00002 is to extend the period of performance from April 3 2014 to May 23, 2014.
2. As a result of this Modification P00002, the following changes are hereby made to the contract:

SECTION B: CLIN 0001AC performance completion date is changed from APR 3 2014 to MAY 23 2014.

SECTION F: Revise paragraph F.2.1 period of performance from six (6) months from date of award to eight (8) months from date of award.

SECTION J:

Data Item A001; Paragraph 16c., revise as follows:

FROM: "The Contractor shall deliver one (1) draft SBIR Phase I R&D Project Summary five (5) months and one (1) week after contract award."

TO: "The Contractor shall deliver one (1) draft SBIR Phase I R&D Project Summary approximately seven (7) months after contract award."

Data Item A002; Revise paragraph 16d. as follows:

FROM: "...Final Technical Report shall be delivered five (5) months and one (1) week after date of contract award..."

TO: "...Final Technical Report shall be delivered approximately seven (7) months after date of contract award..."

3. As a result of this Modification P00002, the total obligated value of this contract remains unchanged.
4. Except as specifically provided in the Modification P00002, all other terms and conditions remain unchanged.

*** END OF NARRATIVE A0002 ***

CONTINUATION SHEET

Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-13-C-0290 MOD/AMD P00002

Name of Offeror or Contractor: LITHIUMSTART LLC

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT								
0001AC	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>FINAL TECHNICAL REPORT</u></p> <p>SERVICE REQUESTED: SBIR-Lithiumstart CLIN CONTRACT TYPE: Firm Fixed Price PRON: R33SB005R3 PRON AMD: 02 ACRN: AA</p> <p><u>Inspection and Acceptance</u> INSPECTION: Destination ACCEPTANCE: Destination</p> <p><u>Deliveries or Performance</u> DLVR SCH <table border="0"> <tr> <td><u>REL CD</u></td> <td><u>QUANTITY</u></td> <td><u>PERF COMPL</u></td> <td><u>DATE</u></td> </tr> <tr> <td>001</td> <td>1</td> <td></td> <td>23-MAY-2014</td> </tr> </table> <p style="text-align: right;">\$ 33,313.55</p> </p>	<u>REL CD</u>	<u>QUANTITY</u>	<u>PERF COMPL</u>	<u>DATE</u>	001	1		23-MAY-2014	1	LO		\$ 33,313.55
<u>REL CD</u>	<u>QUANTITY</u>	<u>PERF COMPL</u>	<u>DATE</u>										
001	1		23-MAY-2014										

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 4 of 5**

PIIN/SIIN W56HZV-13-C-0290

MOD/AMD P00002

Name of Offeror or Contractor: LITHIUMSTART LLC

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: Kevin Sharples, RDTA-RS
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 - CLIN's 0001AA, 0001AB, 0001AC

F.2.1 The period of performance shall be eight (8) months from the date of award, including submission of the Final Technical Report.

F.2.2 The Contractor shall prepare and submit a Final Technical Report in Contractor format addressing all of the work performed against the Scope of Work during the contract in accordance with the requirements of Exhibit A, Contract Data Requirements List (DD Form 1423) Data Item A002. Acceptance of the Final Technical Report will constitute completion of the basic contract period.

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

F.3.1 The period of performance shall be a maximum of four months following the end of the basic contract period, unless the option is exercised more than six months after the date of contract award, in which case the period of performance for the option effort will be a maximum of four months following the date of option exercise.

F.3.2 If the option is exercised by the contracting officer, then unless otherwise instructed in the option modification, The Contractor shall submit an Interim Addendum and a final 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

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

<https://cmra.army.mil>

Unit Identification Code (UIC): W4GHAA

F.6 Final Patent Report

F.6.1 The Contractor shall submit a Report of Inventions and Subcontracts, Form DD882, within three (3) months after contract completion in accordance with Section I DFARS 252.227-7039 to the Contracting Officer's Representative (COR) and the Contract Specialist. A copy of the form can be obtained at:

<http://www.dtic.mil/whs/directives/infomgt/forms/eforms/dd0882.pdf>

*** END OF NARRATIVE F0002 ***

CONTINUATION SHEET

Reference No. of Document Being Continued

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PIIN/SIIN W56HZV-13-C-0290

MOD/AMD P00002

Name of Offeror or Contractor: LITHIUMSTART LLC

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	14-MAY-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 of 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.....: Intelligent Charge Control System w/Anti-Idle to Minimize Fuel Consumption
- E. CONTRACT/PR NO.....: W56HZV-13-C-0290
- F. CONTRACTOR.....: Lithiumstart LLC

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- 1. DATA ITEM NO.....: A001
 - 2. TITLE OF DATA ITEM.....: Research and Development (R&D) Project
Summary
 - 3. SUBTITLE.....: Summary Report
 - 4. AUTHORITY.....: See Item 16
 - 5. CONTRACT REFERENCE.....: C.6
 - 6. REQUIRING OFFICE.....: Kevin Sharples / RDTA-RS
 - 7. WAWF/DD250 REQ.....: XX
 - 8. APP CODE.....: A
 - 9. DIST. STATEMENT REQUIRED.: A
 - 10. FREQUENCY.....: See Item 16
 - 11. AS OF DATE.....: Date of Contract Award
 - 12. DATE OF FIRST SUBMISSION: See Item 16
 - 13. DATE OF SUBS. SUBMISSION: See Item 16
 - 14. DISTRIBUTION ADDRESSEES.: Submit reports electronically to the
email addresses shown immediately below:
 - a. Kevin Sharples, Contracting Officer's Representative (COR)
Email: kevin.t.sharples.civ@mail.mil
 - b. Patty Roussin, Contract Specialist
Email: patricia.m.roussin.civ@mail.mil
 - c. Cognizant Administrative Contracting Officers Representative (ACO)
See FAR Clause 52.242-4016, "COMMUNICATIONS", in Section G
 - d. Small Business Portal, See Item 16.e below
 - 15. TOTAL.....: 1 ea.

16. REMARKS:

- a. The contractor shall submit a publicly releasable SBIR Phase I R&D Project Summary within 30 days of the contract end date. 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 approximately seven (7) months 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.....: N/A

18. ESTIMATED TOTAL PRICE..: N/A

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- 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.2.1 & C.5.1
 - 6. REQUIRING OFFICE.....: Kevin Sharples / RDTA-RS
 - 7. WAWF/DD250 REQ.....: XX
 - 8. APP CODE.....: A
 - 9. DIST. STATEMENT REQUIRED.: See Item 16
 - 10. FREQUENCY.....: See Item 16
 - 11. AS OF DATE.....: Date of Contract Award

12. DATE OF FIRST SUBMISSION: See Item 16

13. DATE OF SUBS. SUBMISSION: See Item 16

14. DISTRIBUTION ADDRESSEES.: Submit reports electronically to the email addresses shown immediately below:

a. Kevin Sharples, Contracting Officer's Representative (COR)
Email: kevin.t.sharples.civ@mail.mil

b. Patty Roussin, Contract Specialist
Email: patricia.m.roussin.civ@mail.mil

c. Cognizant Administrative Contracting Officers Representative (ACO)
See FAR Clause 52.242-4016, "COMMUNICATIONS", in Section G

d. 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.....: 1 ea.

16. REMARKS:

a. DI-MISC-80711A is tailored by deleting 10.2. The Final Technical Report shall be in Contractor format and shall address the project objectives, work performed, results obtained, and estimates of technical feasibility.

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. The draft of the Final Technical Report shall be delivered approximately seven (7) months after date of contract award to include the flow chart algorithms. The draft report shall include a Standard Form (SF) 298 (Report Documentation Page) as the report's cover sheet. The COR will review the draft and respond to the Contractor within seven (7) days of receipt with comments. The Contractor shall submit the Final Technical Report to include the algorithms, shown as flowcharts, (with the completed SF 298) within fourteen (14) days after receipt of draft comments/approval.

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.....: 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 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: Kevin Sharples / RDTA-RS
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.

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