

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract ID Code
Cost Plus Fixed Fee Page 1 Of 8

2. Amendment/Modification No. P00003
3. Effective Date 2013DEC30
4. Requisition/Purchase Req No. SEE SCHEDULE
5. Project No. (If applicable)

6. Issued By Code W56HZV
U.S. ARMY CONTRACTING COMMAND
D'ELLE V. REMSEY
WARREN, MICHIGAN 48397-5000
HTTP://CONTRACTING.TACOM.ARMY.MIL
EMAIL: DELLE.V.REMSEY@US.ARMY.MIL
7. Administered By (If other than Item 6) Code S3605A
DCMA DAYTON
AREA C, BUILDING 30
1725 VAN PATTON DRIVE
WRIGHT-PATTERSON AFB, OH 45433-5302

8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)
APPLIED SCIENCES, INC
141 W XENIA AVE
CEDARVILLE, OH 45314-9529
9A. Amendment Of Solicitation No.
9B. Dated (See Item 11)
10A. Modification Of Contract/Order No.
W56HZV-11-C-0193
10B. Dated (See Item 13)
2011APR22
Code 0BMD9 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: 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)
15B. Contractor/Offeror
15C. Date Signed
16A. Name And Title Of Contracting Officer (Type or print)
JOHN M. HOPFNER
JOHN.HOPFNER@US.ARMY.MIL (586)282-7359
16B. United States Of America
By _____ /SIGNED/
(Signature of Contracting Officer)
16C. Date Signed
2013DEC30
(Signature of person authorized to sign)

CONTINUATION SHEET**Reference No. of Document Being Continued****Page 2 of 8**

PIIN/SIIN W56HZV-11-C-0193

MOD/AMD P00003

Name of Offeror or Contractor: APPLIED SCIENCES, INC

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: D'ELLE V. REMSEY
Buyer Office Symbol/Telephone Number: CCTA-ASGB/(586)282-9597
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 ***

1. The purposes of bilateral Modification P00003 are:
 - (a) To extend the ending period of performance date from 22 APR 2013 to 28 FEB 2014; and
 - (b) Revise the Scope of Work to remove the requirement of BB2590 Batteries and replace them with five (5) prototype battery cells (Section C.3.2.2).
 - (c) Revise the Contract Data Requirements List (CDRL).
 - (i) CDRL A002 was revised to change the final report due date from 22 APR 2013 to 28 FEB 2014; and
 - (ii) CDRL A004 and CDRL A005 were revised to remove references to the BB2590 Battery requirements.
2. This action has no cost impact. The contract total remains unchanged at \$729,817.67.
3. Except as provided herein, all other terms and conditions remain unchanged.

*** END OF NARRATIVE A0004 ***

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 4 of 8
	PIIN/SIIN W56HZV-11-C-0193	MOD/AMD P00003	

Name of Offeror or Contractor: APPLIED SCIENCES, INC

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT
SCOPE OF WORK

C.1. Objective

The objective of this effort is to develop an advanced, Silicon-Carbon Nanofiber based anode material for lithium-ion batteries. The anode material shall be equivalent to material used in full battery cells. The full battery cells are intended to facilitate development of a multi-cell prototype battery.

C.2. Requirements

The contractor, acting as an independent contractor and not an agent of the government, shall provide the necessary personnel, facilities, materials and services to complete the effort described below.

C.2.1 Anode Material

The Silicon-Carbon Nanofiber (Si-CNF) based anode material modified in C.3.1 shall be designed to meet the following requirements using best available technology and practices.

C.2.1.1 Capacity

C.2.1.1.1 The anode material shall be designed to meet a capacity of at least 1500 mAh/g.

C.2.1.2 Cycle Life

C.2.1.2.1 The anode material shall be designed to meet a cycle life of at least 500 full charge/discharge cycles while retaining at least 80% of the required capacity in C.2.1.1.1.

C.2.2 Prototype Battery Cells

The prototype full battery cells developed in C.3.2.2 shall be designed to meet the following requirement.

C.2.2.1 Capacity

C.2.2.1.1 The prototype battery cells shall have a capacity of at least two (2) Ampere-hours (Ah) while retaining at least 80% of the required capacity in C.2.1.1.1.

C.2.2 Prototype Battery Cells

The prototype full battery cells developed in C.3.2.2 shall meet the following requirement.

C.2.3 Multi-Cell Prototype Batteries

A design for Multit-Cell Prototype Batteries shall be developed to meet the following requirements.

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 5 of 8
	PIIN/SIIN W56HZV-11-C-0193	MOD/AMD P00003
Name of Offeror or Contractor: APPLIED SCIENCES, INC		

C.2.3.1 Capacity

C.2.3.1.1 The prototype multi-cell battery design shall have an initial capacity of no less than 6.5 Ah in 24 Volt (V) operations, based on technical requirements document TRCECOMBB01 (Attachment 0003).

C.2.3.2 Cycle Life

C.2.3.2.1 The prototype multi-cell battery design shall have a cycle life of at least 500 full charge/discharge cycles while retaining at least 80% of the initial capacity.

C.3. Tasks

C.3.1 Anode Material Development

C.3.1.1 The contractor shall research modifications to the anode material developed in the Phase I effort to achieve the capacity and cycle life requirements in C.2.1. This research shall include, but is not limited to: the deposition of protective carbon coatings on the anode material, the deposition of protective metallic coatings on the anode material, and the optimization of the morphology of the anode material.

C.3.1.2 The contractor shall modify the anode material developed in the Phase I effort based on research findings from C.3.1.1. The anode material shall be designed to meet or exceed the requirements outlined in C.2.1.

C.3.1.3 The contractor shall characterize the new anode material developed in C.3.1.2 by performing laboratory testing on the material. Testing shall include, but is not limited to: 1) cycling of laboratory half and full cells; 2) X-Ray Diffraction (XRD); 3) Scanning Electron Microscopy (SEM); 4) Transmission Electron Microscopy (TEM); and 5) in-situ TEM observation of a miniature cell using the developed anode material.

C.3.2 Prototype Battery Cell Development

C.3.2.1 The contractor shall research and select cathode and electrolyte materials, with COR approval, to be paired with the anode material developed in C.3.1 to develop prototype full battery cells.

C.3.2.2 The contractor shall design and build prototype full battery cells, to support the design of prototype multi-cell batteries (C.3.3.1) and testing (C.3.2.5), incorporating the anode material developed in C.3.1 and cathode and electrolyte materials selected in C.3.2.1. The contractor shall build a minimum of five (5) cells for this effort. The prototype battery cells shall meet or exceed the requirements outlined in C.2.2.

C.3.2.3 Prototype Battery Cell Test Plan

The contractor shall prepare and deliver a detailed test plan to the Contracting Officers Representative (COR) outlining the tests to be conducted on the prototype battery cells as detailed in C.5.2.1.

C.3.2.4 Prototype Battery Cell Test Procedure

The contractor shall prepare and deliver a detailed test procedure to the COR for the prototype battery cells as detailed in C.5.2.2.

C.3.2.5 Prototype Battery Cell Testing

After receiving written COR concurrence of the prototype battery cell test plan and test procedure, the contractor shall perform all of

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 6 of 8
	PIIN/SIIN W56HZV-11-C-0193	MOD/AMD P00003
Name of Offeror or Contractor: APPLIED SCIENCES, INC		

the tests defined in the test plan prepared in C.3.2.3 and test procedures prepared in C.3.2.4.

C.3.3 Prototype Multi-Cell Battery Development

C.3.3.1 The contractor shall design and build battery cells compatible with the multicell design, for delivery to TARDEC, utilizing the anode material and prototype battery cells developed in C.3.1 and C.3.2, respectively. The prototype multi-cell batteries shall be designed to meet specifications for military batteries such as the BB-2590 battery as described in MIL-PRF-32052(CR) and MIL-PRF-32052(CR) Amendment 1 (Attachments 0004 and 0005); MIL-PRF-32052/1(CR) and MIL-PRF-32052/1(CR) Amendment 1 (Attachments 0006 and 0007); and technical requirements document TRCECOMB01 (Attachment 0003) and meet or exceed the requirements outlined in C.2.3.

C.4. Meetings

C.4.1 Start of Work Meeting

The contractor shall plan and conduct a kick-off meeting, via telephone (or in person if mutually agreed upon between the contractor and the COR), with the COR no later than thirty (30) days after contract award. At the meeting, the contractor shall explain its intended approach for accomplishing the Statement of Work (SOW). In addition, the contractor shall record all meeting minutes and action items, and shall provide the minutes in accordance with (IAW) CDRL A007.

C.4.2 Quarterly Review Meetings

The contractor shall host quarterly review meetings, via telephone (or in person if mutually agreed upon between the contractor and the COR), at a date and time mutually agreed upon by the contractor and the COR. At the quarterly review meetings, the contractor shall present the progress made during the previous quarter and validate it against the contract SOW, schedule and objectives. In addition, the contractor shall record all meeting minutes and action items, and shall provide the minutes after each meeting IAW CDRL A007.

C.5. Deliverables/Performance

C.5.1 Reports

C.5.1.1 Contractor's Progress, Status & Management Reports

The contractor shall prepare bi-monthly Contractors Progress, Status, & Management Reports IAW CDRL A001.

C.5.1.2 Scientific & Technical Report/Final Technical Report

The contractor shall prepare and submit a draft and final Scientific and Technical Report (Final Report) IAW CDRL A002. This final report shall include data collected from small lab scale cell testing performed by the subcontractor for the purpose of determining a suitable anode, cathode, and electrolyte combination for the anode chemistry developed under this effort.

C.5.1.3 Performance and Cost Reports (Financial Reports)

The contractor shall prepare bi-monthly Financial Reports IAW CDRL A003.

C.5.1.4 Safe Operation Document

The contractor shall provide a document that details all of the requirements necessary for the safe operation and testing of the battery cells developed under this contract IAW CDRL A006.

C.5.1.5 Research & Development (R&D) Project Summary

The contractor shall prepare and submit a publicly releasable SBIR Phase II R&D Project Summary at contract completion IAW CDRL A008.

Name of Offeror or Contractor: APPLIED SCIENCES, INC**C.5.2 Testing Deliverables****C.5.2.1 Prototype Battery Cell Test Plan**

The contractor shall prepare and deliver a detailed test plan to the COR outlining the tests to be conducted on the prototype battery cells within twelve (12) months after contract award, in accordance with (IAW) CDRL A004.

C.5.2.2 Prototype Battery Cell Test Procedure

The contractor shall prepare and deliver a detailed test procedure to the COR for the prototype battery cells based on the test descriptions outlined in the test plan developed in C.3.2.3 within thirteen (13) months after contract award, IAW CDRL A005.

C.5.3 Hardware Deliverables

C.5.3.1 The contractor shall deliver five (5) prototype battery cells developed under C.3.2.2 no later than 28 February 2014 after contract award.

C.6 Contracting Manpower Reporting

C.8.1 The contractor shall report all contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the U.S. Army via a secure data collection site. The contractor is required to completely fill in all required data fields using the Army CMR site, which you can access by clicking on the "Department of Army CMRA" link from the following gateway web address: <http://www.ecmra.mil/>

C.8.2 Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year, beginning with 2013. Contractors may direct questions to the Army CMR help desk, which can be contacted using the "Send an email" link on the right side of the sign-in screen at the Army CMR site.

C.8.3 Additional information can be found in the clause in this contract entitled CONTRACTOR MANPOWER REPORTING (52.237-4000).

*** END OF NARRATIVE C0002 ***

CONTINUATION SHEET

Reference No. of Document Being Continued

Page 8 of 8

PIIN/SIIN W56HZV-11-C-0193

MOD/AMD P00003

Name of Offeror or Contractor: APPLIED SCIENCES, 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 B	CONTRACT DATA REQUIREMENTS LIST			

1. DATA ITEM NO.: A001
2. TITLE OF DATA ITEM: Contractor's Progress, Status & Management Reports
3. SUBTITLE:
4. AUTHORITY: DI-MGMT-80227
5. CONTRACT REFERENCE: C.5.1.1.1
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: LT
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: 60 Days after Contract Award
13. DATE OF SUBS.SUB: See Block 16

14. DISTRIBUTION: SUBMIT REPORTS ELECTRONICALLY TO THE EMAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

JAMES M. MAINERO, CONTRACTING OFFICER'S REPRESENTATIVE (COR), E-MAIL: JAMES.M.MAINERO.CIV@MAIL.MIL**
DELLE REMSEY, CONTRACT SPECIALIST, E-MAIL: DELLE.V.REMSEY.CIV@MAIL.MIL**
MARILYN WIBLE, COGNIZANT ACO, DCMA, E-MAIL: MARILYN.WIBLE@DCMA.MIL**

15. TOTAL: ONE COPY TO EACH ADDRESSEE LISTED IN ITEM 14.

16. REMARKS:

The contractor shall provide bi-monthly Contractors Progress, Status & Management Reports. The reports shall summarize work completed to date on the contract with specific reference to the contract tasks completed, tasks not completed, status of on-going studies, studies completed during the reporting time period and any significant accomplishments, problems or delays. The reports will also include total costs incurred to date, with specific reference to the costs incurred since the last status report.

The first report is due sixty (60) days after contract award.

Complete the reports in accordance with (IAW) Data Item Description (DID) DI-MGMT-80227, "Contractor's Progress, Status, and Management Report." The COR is responsible for accepting or rejecting the Contractor's Progress, Status, and Management Reports.

See DID DI-MGMT-80227, at the Internet address below, for instructions on completing the required report.
<http://astimage.daps.dla.mil/docimages/0001/48/17/DI80227.PD8>

If this link does not work, go to:

<http://assist.daps.dla.mil/quicksearch/fsc_quicksearch.cfm> and insert the authority reference in item 4 above in the Document ID box and submit.

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

1. DATA ITEM NO.: A002
2. TITLE OF DATA ITEM: Scientific & Technical Reports
3. SUBTITLE: Final Technical Report

4. AUTHORITY: DI-MGMT-80711A
5. CONTRACT REFERENCE: C.5.1.2
6. REQUIRING OFFICE: RDТА-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: SUBMIT REPORTS ELECTRONICALLY TO THE EMAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

JAMES M. MAINERO, CONTRACTING OFFICER'S REPRESENTATIVE (COR), E-MAIL: JAMES.M.MAINERO.CIV@MAIL.MIL**
DELLE REMSEY, CONTRACT SPECIALIST, E-MAIL: DELLE.V.REMSEY.CIV@MAIL.MIL**
MARILYN WIBLE, COGNIZANT ACO, DCMA, E-MAIL: MARILYN.WIBLE@DCMA.MIL**

15. TOTAL: One draft copy to the COR only, and one final copy to each addressee listed in block 14.

16. REMARKS:

Submit the draft Final Report by February 28, 2014. The COR will review and comment within fifteen (15) days after receipt. The contractor shall submit the Final Report within fifteen (15) days thereafter.

The Scientific & Technical Report replaces the Contractor's Progress, Status & Management Report detailed in CDRL A001 that would be due in the relevant period. The Final Report shall summarize the work completed and significant accomplishments, problems or delays. The report shall include the studies completed during the contract performance period, as well as test results and their analysis and impact on the program.

Also, the report shall include a description of the test, test setup, test procedure used, equipment used, calibration records, equipment operating range, serial number of equipment, serial numbers of the test batteries subjected to each test, comprehensive summary of findings and test results, record of events, and raw data files with record of battery charge and discharge performance prior to and after each test as well as battery operating voltage, charge and discharge current, and temperature.

Complete the Scientific & Technical Reports IAW DID DI-MISC 80711, "Scientific and Technical Reports." The COR is responsible for accepting or rejecting the draft and Final Report, and for submitting the approved Final Report to the Defense Technical Information Center (DTIC), in Ft. Belvoir, VA.

See the DID DI-MISC-80711, at the Internet address below, for instructions on completing the required report.

<<http://astimage.daps.dla.mil/docimages/0001/48/17/DI80227.PD8>>

If this link does not work, go to: <http://assist.daps.dla.mil/quicksearch/fsc_quicksearch.cfm> and insert the authority reference in item 4 above in the Document ID box and submit.

1. DATA ITEM NO.: A003
2. TITLE OF DATA ITEM: Performance and Cost Reports
3. SUBTITLE: Financial Reports
4. AUTHORITY: DI-FNCL-80912
5. CONTRACT REFERENCE: C.5.1.3
6. REQUIRING OFFICE: RDТА-RS

7. DD250 REQ: LT
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: 60 Days After Contract Award
13. DATE OF SUBS.SUB: See Block 16

14. DISTRIBUTION: SUBMIT REPORTS ELECTRONICALLY TO THE EMAIL ADDRESSES SHOWN IMMEDIATELY BELOW:

JAMES M. MAINERO, CONTRACTING OFFICER'S REPRESENTATIVE (COR), E-MAIL: JAMES.M.MAINERO.CIV@MAIL.MIL**
DELLE REMSEY, CONTRACT SPECIALIST, E-MAIL: DELLE.V.REMSEY.CIV@MAIL.MIL**
MARILYN WIBLE, COGNIZANT ACO, DCMA, E-MAIL: MARILYN.WIBLE@DCMA.MIL**

15. TOTAL: One copy to each addressee listed in block 14.

16. REMARKS:

Contractor shall provide bi-monthly written Financial Reports. The first report is due sixty (60) days after contract award. The Financial Reports shall include total funds expended, by task, for the reporting period; cumulative total funds spent to date; percentage of total contract funds spent to date; and a list of parts ordered. The reports shall also state whether the remaining funds are sufficient to complete the contract.

Complete the reports IAW DID DI-FNCL-80912, "Performance and Cost Reports." The COR is responsible for accepting or rejecting the Financial Reports.

See DID DI-FNCL-80912, at the Internet address below, for instructions on completing the required report.

<<http://assist.daps.dla.mil/docimages/0001/49/93/DI80912.PD6>>

If this link does not work, go to: <http://assist.daps.dla.mil/quicksearch/fsc_quicksearch.cfm> and insert the authority reference in item 4 above in the Document ID box and submit.

1. DATA ITEM NO.: A004
2. TITLE OF DATA ITEM: Test Plans
3. SUBTITLE: Test Plan Reports
4. AUTHORITY: DI-NDTI-80566
5. CONTRACT REFERENCE: C.3.2.3, C.3.3.2, C.5.2.1, C.5.2.3
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: SUBMIT REPORTS ELECTRONICALLY TO THE EMAIL ADDRESS SHOWN IMMEDIATELY BELOW:

James M Mainero, COR, Email: <mailto:james.m.mainero@us.army.mil>

15. TOTAL: One copy of each test plan to the addressee listed in block 14.

16. REMARKS:

The contractor shall submit a Prototype Battery Cell Test Plan outlining the tests to be conducted on the prototype battery cells within twelve (12) months after contract award.

The test plans shall be submitted to the COR for review and approval. The COR will review the test plans within fifteen (15) days after receipt and provide concurrence or comment.

The test plans shall include, but are not limited to, the following tests: 1) characterization (at least five (5) different charge and discharge rates at a minimum of three (3) different temperatures determined by the contractor and approved by the COR), 2) life-cycle (at least two (2) different charge and discharge rates at room temperature and one (1) additional temperature agreed upon by the contractor and the COR), 3) pulse, 4) DC resistance, and 5) retention of charge.

Complete the reports IAW DID DI-NDTI-80566, "Test Plan." The COR is responsible for accepting or rejecting the Test Plans.

See the DID DI-NDTI-80566, at the Internet address below, for instructions on completing the required report.

<<http://assist1.daps.dla.mil/docimages/0001/49/10/W0237W.PD7>>

If this link does not work, go to:

<http://assist.daps.dla.mil/quicksearch/fsc_quicksearch.cfm> and insert the authority reference in item 4 above in the Document ID box and submit.

1. DATA ITEM NO.: A005
2. TITLE OF DATA ITEM: Test Procedures
3. SUBTITLE: Test Procedure Reports
4. AUTHORITY: DI-NDTI-80603
5. CONTRACT REFERENCE: C.3.2.4, C.3.3.3, C.5.2.2, C.5.2.4
6. REQUIRING OFFICE: RDIA-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: SUBMIT REPORTS ELECTRONICALLY TO THE EMAIL ADDRESS SHOWN IMMEDIATELY BELOW:

James M Mainero, COR, Email: <mailto:james.m.mainero@us.army.mil>

15. TOTAL: One copy to the addressee listed in block 14.

16. REMARKS:

The contractor shall prepare and deliver a detailed test procedure to the COR for the prototype battery cells based on the test descriptions outlined in the test plan developed in C.3.2.3 within thirteen (13) months after contract award.

The test procedures will be reviewed and approved by the COR. The COR will review the test procedures within fifteen (15) days after receipt and provide concurrence or comment.

The test procedures shall be developed to carry out the tests detailed in the test plans prepared in accordance with CDRL A004. The test procedures shall describe equipment to be used and contain a detailed description of each test and its implementation. The test procedures shall include data sheets. Each data sheet shall have, at a minimum, the following information: 1) test name and brief description, 2) date of test, 3) name of person performing test, 4) equipment used, 5) date of calibration, and 6) parameters to be measured and the pass or fail criteria against which the test results will be measured.

Complete the reports in accordance with DID DI-NDTI-80603, "Test Procedure." The COR is responsible for accepting or rejecting the test procedures.

See the DID DI-NDTI-80603, at the Internet address below, for instructions on completing the required report.

<http://assist1.daps.dla.mil/>

If this link does not work, go to:

<http://assist.daps.dla.mil/quicksearch/fsc_quicksearch.cfm> and insert the authority reference in item 4 above in the Document ID box and submit.

1. DATA ITEM NO.: A006
2. TITLE OF DATA ITEM: Safety Assessment Report
3. SUBTITLE: Safe Operation Document
4. AUTHORITY: DI-SAFT-80102
5. CONTRACT REFERENCE: C.5.1.4
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: SUBMIT REPORTS ELECTRONICALLY TO THE EMAIL ADDRESS SHOWN IMMEDIATELY BELOW:

James M Mainero, COR, Email: <mailto:james.m.mainero@us.army.mil>

15. TOTAL: One copy to the addressee listed in block 14.

16. REMARKS:

The contractor shall provide a Safe Operations Document that details the requirements necessary for the safe operation and testing of the battery cells developed under this contract. This document shall include information on cycling parameters and methods and shall be updated and delivered to TARDEC prior to the delivery of any battery cells.

Complete the reports IAW DID DI-SAFT-80102, "Safety Assessment Report." The COR is responsible for accepting or rejecting the Safe Operations Document.

See the DID DI-SAFT-80102, at the Internet address below, for instructions on completing the required report.

<http://assist1.daps.dla.mil/>

If this link does not work, go to:

<http://assist.daps.dla.mil/quicksearch/fsc_quicksearch.cfm> and insert the authority reference in item 4 above in the Document ID box and submit.

1. DATA ITEM NO.: A007
2. TITLE OF DATA ITEM: Conference Minutes
3. SUBTITLE: Meeting Minutes
4. AUTHORITY: DI-ADMN-81250A
5. CONTRACT REFERENCE: C.4.1, C.4.2
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: LT
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: SUBMIT REPORTS ELECTRONICALLY TO THE EMAIL ADDRESS SHOWN IMMEDIATELY BELOW:

James M Mainero, COR, Email: <mailto:james.m.mainero@us.army.mil>

15. TOTAL: One copy to the addressee listed in block 14.

16. REMARKS:

The contractor shall provide Meeting Minutes to the COR within ten (10) days after each meeting. The contractor shall submit the minutes electronically. Contractor format is authorized.

Complete the reports in accordance with DID DI-ADMN-81250A, "Conference Minutes. The COR is responsible for accepting or rejecting the Meeting Minutes.

See the DID DI-ADMN-81250A, at the Internet address below, for instructions on completing the required report.

<http://assist.daps.dla.mil/>

If this link does not work, go to: <http://assist.daps.dla.mil/quicksearch/fsc_quicksearch.cfm> and insert the authority reference in item 4 above in the Document ID box and submit.

1. DATA ITEM NO.: A008
2. TITLE OF DATA ITEM: Research and Development (R&D) Project Summary
3. SUBTITLE:
4. AUTHORITY: DI-MISC-81612A
5. CONTRACT REFERENCE: C.5.1.5
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: DD
8. APP CODE: A
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: SUBMIT REPORTS ELECTRONICALLY TO THE EMAIL ADDRESS SHOWN IMMEDIATELY BELOW:

JAMES M. MAINERO, CONTRACTING OFFICER'S REPRESENTATIVE (COR), E-MAIL: JAMES.M.MAINERO.CIV@MAIL.MIL**
DELLE REMSEY, CONTRACT SPECIALIST, E-MAIL: DELLE.V.REMSEY.CIV@MAIL.MIL**
MARILYN WIBLE, COGNIZANT ACO, DCMA, E-MAIL: MARILYN.WIBLE@DCMA.MIL**

15. TOTAL: One copy to the addressee listed in block 14.

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-three (23) 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 (24 months after contract award).