

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 2 of 7
	PIIN/SIIN W56HZV-13-C-0349	MOD/AMD P00003
Name of Offeror or Contractor: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION		

SECTION A - SUPPLEMENTAL INFORMATION

Buyer Name: RACHEL HEANEY
 Buyer Office Symbol/Telephone Number: CCTA-ASG-C/(586)282-9712
 Type of Contract: Firm Fixed Price
 Kind of Contract: Research and Development Contracts
 Type of Business: Large Business Performing in U.S.
 Surveillance Criticality Designator: C
 Weapon System: No Identified Army Weapons Systems
 Contract Expiration Date: 2015AUG21

*** End of Narrative A0000 ***

Modification P00003

1. This modification P00003 to contract W56HZV-13-C-0349 is a bilateral supplemental agreement.
2. The purpose of this modification P00003 is to:
 - a. Extend the delivery date for Sub-CLIN 0004AA from 20 December 2013 to 21 February 2014.
 - b. Revise Section H.1.1 to reduce the timeframe in which SAIC is allowed rent free use of the TARDEC laboratory facilities and services.
 - c. Revise the language of Contract Data Requirements List (CDRL) data item A009, block 16(a).
 - d. Correct an administrative error in Attachment 0005 as noted by SAIC at the Critical Design Review.
3. In consideration for extending the delivery date for Sub-CLIN 0004AA for the Test Plan deliverable by 63 days, the parties agree:
 - a. To reduce the timeframe in which SAIC is allowed rent free use of the TARDEC laboratory facilities and services from the current timeframe of 01 August 2014 to 01 March 2015, to 01 November 2014 to 01 March 2015, and
 - b. To revise CDRL A009 - Test Data Report to include the requirement for SAIC to provide the test data (raw and summarized) for any unplanned testing (not in the test plan) performed under the contract.
4. As a result of this modification the contract is revised as follows:
 - a. Section B: The performance completion date for Sub-CLIN 0004AA is revised from 20 December 2013 to 21 February 2014.
 - b. Section H: Paragraph H.1.1 is revised as follows:

FROM: The Government will allow rent free use of the TARDEC laboratory facilities and services located at the Detroit Arsenal Installation between 01 August 2014 and 01 March 2015 to conduct the preliminary testing required by Attachment 0005 to the contract and any additional voluntary pre-acceptance testing the contractor requires to validate its design for the SiC Generator Controller unit(s) and establish that the units will likely meet all of the Government acceptance testing criteria stated in Attachment 0005. The preliminary testing and any additional voluntary pre-acceptance testing is completely separate from any acceptance testing the Government will conduct for acceptance of the SiC Generator Controller units in accordance with Section E.2.5.

TO: The Government will allow rent free use of the TARDEC laboratory facilities and services located at the Detroit Arsenal Installation between 01 November 2014 and 01 March 2015 to conduct the preliminary testing required by Attachment 0005 to the contract and any additional voluntary pre-acceptance testing the contractor requires to validate its design for the SiC Generator Controller unit(s) and establish that the units will likely meet all of the Government acceptance testing criteria stated in Attachment 0005. The preliminary testing and any additional voluntary pre-acceptance testing is completely separate from any acceptance testing the Government will conduct for acceptance of the SiC Generator Controller units in accordance with Section E.2.5.
 - c. Section J:
 - i. CDRL A009 Test Data Report, Block 16(a) is revised as follows:

FROM: a. Test data report shall include all test data (raw and summarized) and shall be submitted to the COR for review after completed execution of the approved test plan. The preliminary test data report shall be delivered IAW the timeframe stated in C.5.13 of the statement of work.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-13-C-0349 MOD/AMD P00003	Page 3 of 7
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Name of Offeror or Contractor: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

TO: a. Test data report shall include all test data (raw and summarized) for all testing planned (in the approved test plan) and unplanned testing (not in the test plan) performed under the contract. The Test data report shall be submitted to the COR for review after completed execution of the approved test plan. The preliminary test data report shall be delivered IAW the timeframe stated in C.5.13 of the statement of work.

ii. Attachment 0005 - SIC Performance Testing Inspection & Acceptance Criteria is revised as follows:

1. Line 14 of page 1 currently shows SOW paragraph number C.2.2.3.3 with a performance description stating "The generator controller shall operate with no physical damage that affects the performance or functionality at the conditions described in this statement of work." This SOW paragraph number should correctly show C.2.2.3.4 and is hereby corrected.

2. SOW paragraph number C.2.2.3.3 with the correct performance description stating "The generator controller shall withstand minimum static equivalent loads of 10g vertical, 6g fore and aft, and 6g in the lateral direction for 48 hours" was inadvertently omitted and is hereby inserted as the new Line 14 of page 1. The Type of Test is Engineering Analysis and is a Preliminary Testing requirement.

5. The parties agree that the changes set forth in this modification are at no additional cost to the Government.

6. There is no funding associated with this modification. The obligated amount of the contract remains unchanged at \$2,499,011.70.

7. Except as specifically stated above, all other terms and conditions of contract W56HZV-13-C-0349 remain unchanged and in full force and effect.

*** END OF NARRATIVE A0003 ***

CONTINUATION SHEET

Reference No. of Document Being Continued
 PIIN/SIIN W56HZV-13-C-0349 MOD/AMD P00003

Name of Offeror or Contractor: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT										
0004AA	<p>SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS</p> <p><u>TEST PLAN DELIVERABLE</u></p> <p>SERVICE REQUESTED: SAIC - SiC ISG Contr CLIN CONTRACT TYPE: Firm Fixed Price PRON: R32MC112R3 PRON AMD: 03 ACRN: AA</p> <p>The price for the Test Plan is shown in the "Amount" field.</p> <p>The contractor shall deliver the Draft and Final Test Plan IAW Sections C.3.1, C.5.12, and CDRL A008.</p> <p>The Draft and Final Test Plan shall be delivered to the E-Mail address as stated in CDRL A008.</p> <p>The Final Test Plan shall be delivered no later than 4 months (120 days) after contract award.</p> <p>Inspection and Acceptance of the Test Plan will be IAW with the requirements detailed in Section E.</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>21-FEB-2014</td> </tr> </table> <p>\$ 339,090.28</p> <p>The performance completion date is revised by Modification P00003.</p> <p>(End of narrative F001)</p>	DLVR SCH	PERF COMPL	<u>REL CD</u>	<u>QUANTITY</u>	001	1		<u>DATE</u>		21-FEB-2014	1	LO		\$ 339,090.28
DLVR SCH	PERF COMPL														
<u>REL CD</u>	<u>QUANTITY</u>														
001	1														
	<u>DATE</u>														
	21-FEB-2014														

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Name of Offeror or Contractor: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION		

SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 Government Laboratory Facilities

H.1.1 The Government will allow rent free use of the TARDEC laboratory facilities and services located at the Detroit Arsenal Installation between 01 November 2014 and 01 March 2015 to conduct the preliminary testing required by Attachment 0005 to the contract and any additional voluntary pre-acceptance testing the contractor requires to validate its design for the SiC Generator Controller unit(s) and establish that the units will likely meet all of the Government acceptance testing criteria stated in Attachment 0005. The preliminary testing and any additional voluntary pre-acceptance testing is completely separate from any acceptance testing the Government will conduct for acceptance of the SiC Generator Controller units in accordance with Section E.2.5.

H.1.1.1 The TARDEC laboratory facilities and services will include rent free use of the TARDEC Labs, personnel to assist in the operation of the tests, and applicable test equipment during the timeframe specified in H.1.1. Any personnel needed to actually conduct the pre-acceptance testing and any supplies, unique equipment, or fixtures needed, will be at contractors own expense. Any testing necessary outside of the above timeframe shall be coordinated and conducted by the contractor outside of the TARDEC Laboratories.

H.1.2. The contractor shall annotate below whether the TARDEC laboratory facilities and services will be utilized for this requirement. If electing to use the TARDEC Laboratory facilities and services, the contractor shall annotate the estimated number of days the TARDEC Laboratories will be used.

X Yes, the TARDEC Laboratory facilities and services will be utilized for this voluntary pre-acceptance testing for an estimated 55 days of testing.

No, the TARDEC Laboratory facilities and services will NOT be utilized for this pre-acceptance testing.

H.1.2.1 Offerors opting not to use the TARDEC laboratory facilities and services at the time of proposal submission shall not be granted rent free use of the TARDEC laboratory services after contract award. Any request for use of the TARDEC laboratories after contract award shall be an equitable adjustment to the contract.

H.1.3 The contractor shall be responsible for all fixturing, debugging, test loads not already available in the TARDEC labs, and tooling required to perform the pre-acceptance tests in the TARDEC labs. Any fixturing, test loads, and tooling required for the Government to conduct the acceptance tests in accordance with Section E.2.5 at the TARDEC lab shall be a deliverable under this contract as stated in section C.3.2 and C.5.9. At any time during Government acceptance testing, the contractor shall be responsible for repairing the contractor furnished fixturing, test loads, and tools that fail during conduct of the Government acceptance tests at no additional cost to the Government.

H.1.3.1 The contractor shall provide contractor support personnel to set up and oversee the execution of any pre-acceptance testing performed in the TARDEC labs. The Government acceptance testing will be conducted exclusively by Government personnel. The contractor is not required to be present for Government acceptance testing.

H.1.3.2 The contractor shall be responsible for any loss, damage, or destruction of the SiC Generator Controller units during any pre-acceptance testing performed in the TARDEC labs. The Government assumes no liability for the SiC Generator Controller units. The contractor shall also be liable for any injuries to Government personnel, and any damage to United States Government property and equipment resulting from the execution of any preliminary tests of the SiC Generator Controller units performed in the TARDEC labs.

H.1.4. The contractor shall request access to the TARDEC laboratories for conducting pre-acceptance testing of the SiC Generator Controller unit(s) no later than 60 days before the requested testing date. The contractor shall deliver the SiC Generator Controller units for Government acceptance testing in accordance with the time periods stated in Section F.1.2.

H.2 Building Security and Installation Regulations

H.2.1 Locations of the laboratories to be used during the resulting contract include areas that are "closed" to the public, and as such, only those persons granted permission may enter. The Contractor shall coordinate with the Installation Security Office to obtain an identification badge for each employee and vehicle. All Contractor employees must wear the badge in a visible location at all times while working at the facility. Personnel shall not enter restricted areas unless required to do so and only upon prior approval. If the contractor is unable to access the laboratories, it shall not excuse the Contractor from full compliance with the terms and conditions of this contract.

H.2.1.1 All contractor personnel accessing the TARDEC Labs MUST be United States citizens.

H.2.2 The Contractor shall be responsible for compliance with all regulations and orders of the Detroit Arsenal Installation, respecting identification of employees, movements on installation, parking, truck entry, and all other regulations, which may apply under the circumstances. The Contractor, his employees, and subcontractors shall become familiar with and obey the regulations of the installation including fire, safety and security regulations while on the Detroit Arsenal Installation. The contractor shall comply with all regulations governing the operation of motor vehicles on the installation.

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Name of Offeror or Contractor: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION		

*** END OF NARRATIVE H0001 ***

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MOD/AMD P00003

Name of Offeror or Contractor: SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

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)	29-JAN-2014		
Attachment 0005	SIC PERFORMANCE TESTING INSPECTION & ACCEPTANCE CRITERIA	06-FEB-2014	004	ELECTRONIC IMAGE

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.: 0011
B. EXHIBIT: A
C. CATEGORY:
D. SYSTEM/ITEM: 175 kW Silicon Carbide Generator Controller
E. CONTRACT/PR NO.: W56HZV-13-C-0349
F. CONTRACTOR: Science Applications International Corporation

1. DATA ITEM NO.: A001
2. TITLE OF DATA ITEM: Contractors Progress, Status and Management Report
3. SUBTITLE: Status Reports
4. AUTHORITY: DI-MGMT-80227
5. CONTRACT REFERENCE: C.5.1
6. REQUIRING OFFICE: AMSRD-TAR-S
7. DD250 REQ: LT
8. APP CODE:
9. DIST. STATEMENT REQUIRED.: B SEE BLOCK 16

10. FREQUENCY: Bi-Monthly
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUB.: SEE BLK 16
13. DATE OF SUBS. SUB...: SEE BLK 10
14. DISTRIBUTION

A. ADDRESSEES	B. COPIES: DRAFT / FINAL	
E-mail Progress Reports to: Joseph Heuvers, COR, Email: joseph.heuvers@us.army.mil	0	1
Rachel Heaney, Contract Specialist, Email: Rachel.r.heaney2.civ@mail.mil	0	1
Administrative Contracting Officer identified in Section G of the contract	0	1

15. TOTAL: 0 3

16. REMARKS: Contractor shall provide bi-monthly (every 60 days) written progress reports. Bi-Monthly reports shall be submitted in accordance with the timeframe specified in Section C.5.1 of the statement of work.

The bi-monthly reports shall include all information required by the DID stated in block 4 and also include any preliminary test data performed during the reporting period.

All documentation shall be in Microsoft Word, or PDF format.

BLK 9 Distribution Statement Required: In accordance with DoDI 5230.24, the distribution statement shall be placed on the title page and front cover and have a box around each of the following statements which read:

DISTRIBUTION STATEMENT B. Distribution authorized to U.S. Government agencies (Reason: Critical Technology, Export Controlled) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Administration Act of 1979 (Title 50, U.S.C., App. 2401 et seq.), as amended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

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

1. DATA ITEM NO.: A002
2. TITLE OF DATA ITEM: SCIENTIFIC AND TECHNICAL REPORTS Summary
3. SUBTITLE: FINAL REPORT
4. AUTHORITY: DI-MISC-81612A
5. CONTRACT REF: C.5.8
6. REQUIRING OFFICE: AMSRD-TAR-S
7. DD250 REQ: DD
8. APP CODE: 11. AS OF DATE:
9. DIST. STATEMENT REQUIRED.: SEE BLOCK 16
10. FREQUENCY: SEE BLK 16
11. AS OF DATE: See Block 16
12. DATE OF FIRST SUB.: SEE BLK 16
13. DATE OF SUBS. SUB.: SEE BLK 16
14. DISTRIBUTION

A. ADDRESSEES B. COPIES: DRAFT / FINAL

E-mail Draft and Final Reports to:
 Joseph Heuvers, COR,
 Email: joseph.heuvers@us.army.mil

1 1

Rachel Heaney, Contract Specialist,
 Email: Rachel.r.heaney2.civ@mail.mil

1 1

Administrative Contracting Officer identified in Section G of the contract

1 1

15. TOTAL: 3 3

16. REMARKS: The Final report (including the draft) shall be submitted to the COR in accordance with the timeframe specified in Section C.5.8 of the statement of work.

All documentation shall be in editable Microsoft Word format, and written for Distribution Statement A public release: distribution unlimited.

BLK 9 Distribution Statement Required: DoD Instruction 5230.24 (23 Aug 2012) requires that even drafts of technical documents be marked with an Interim Distribution Statement. Accordingly, although the items of this Data Item are intended to be marked ultimately as Distribution Statement A, the draft and final deliverables should be marked with Distribution Statement E. The Government reserves the right to update the distribution statement after delivery and review of the documents, at which time it is anticipated that the Distribution Statement will be changed to Distribution Statement A, Approved for public release: distribution unlimited.

In accordance with DoDI 5230.24, a distribution statement shall be placed on the title page and front cover and have a box around the following statement which reads:

DISTRIBUTION STATEMENT E. Distribution authorized to DoD Components only (Reason: Premature Dissemination) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000.

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

1. DATA ITEM NO.: A003
2. TITLE OF DATA ITEM: Presentation Materials
3. SUBTITLE: Briefing
4. AUTHORITY (Dt of Acq Document No.): DI-ADMN-813735.
5. CONTRACT REFERENCE: C.4.1, C.4.2, C.4.3, C.4.4, C.4.5, C.5.10
6. REQUIRING OFFICE: RDTA-RS

- 7. DD250 REQ: LT
- 8. APP CODE:
- 9. DIST. STATEMENT REQUIRED: B - SEE BLOCK 16
- 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

A. ADDRESSEES B. COPIES: DRAFT / FINAL

E-mail Agenda to:

Joseph Heuvers, COR,

Email: joseph.heuvers@us.army.mil 0 1

15. TOTAL: 0 1

16. REMARKS:

a. Presentation Materials provided for each of the reviews specified in Section C.4 of the statement of work shall include an agenda and a program plan. The program plan shall include the individual tasks, deliverables, major events, and critical milestones. The program plan shall be updated prior to each meeting required in Section C.4 of the statement of work. All documentation shall be in Microsoft Word, Microsoft Power Point, or PDF format.

Presentation materials shall include design analysis summary for the design of the Generator controller up to the point of each review required by Section C.4 of the statement of work.

The agenda shall include the following, where applicable:

- The purpose and objective of the meeting.
- The meeting location, dates and duration.
- A daily chronological listing of each major topic or subtopic to be discussed and the time to be devoted to each topic.
- A list of activities to be represented and identification of their responsibilities.
- Reference to and brief description of the results of previous meetings, when relevant.

- Complete list of all documentation to be available for review.

- Brief description of progress on actions or problems identified at previous meetings, when applicable.
- Other pertinent information such as forms to be used, identification of any deviations or waivers, security classification and clearance requirements.

b. Presentation materials shall be delivered IAW the timeframe as stated in Section C.5.10 of the statement of work.

BLK 9 Distribution Statement Required: In accordance with DoDI 5230.24, the distribution statement shall be placed on the title page and front cover and have a box around each of the following statements which read:

DISTRIBUTION STATEMENT B. Distribution authorized to U.S. Government agencies (Reason: Critical Technology, Export Controlled) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000.

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Administration Act of 1979 (Title 50, U.S.C., App. 2401 et seq.), as amended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

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- 1. DATA ITEM NO.: A004
- 2. TITLE OF DATA ITEM: Conference Minutes
- 3. SUBTITLE: Minutes
- 4. AUTHORITY (Dt of Acq Document No.): DI-ADMN-81250A
- 5. CONTRACT REFERENCE: C.4.1, C.4.2, C.4.3, C.4.4, & C.4.5 C.5.11
- 6. REQUIRING OFFICE: RDTA-RS
- 7. DD250 REQ: LT
- 8. APP CODE:

- 9. DIST. STATEMENT REQUIRED: B SEE BLOCK 16
- 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

A. ADDRESSEES	B. COPIES: DRAFT / FINAL	
E-mail Minutes to:		
Joseph Heuvers, COR,		
Email: joseph.heuvers@us.army.mil	0	1
15. TOTAL:	0	1

- 16. REMARKS:
 - a. The contractor shall record all meeting minutes and action items, for the start of work meeting and all review meetings required under this effort. All minutes shall be delivered in accordance with the timeframe specified in C.5.11.
 - b. Complete the reports in accordance with (IAW) Data Item Description (DID) DI-ADMN-81250A, "Conference Minutes" The COR is responsible for accepting or rejecting the Conference Minutes.

BLK 9 Distribution Statement Required: In accordance with DoDI 5230.24, the distribution statement shall be placed on the title page and front cover and have a box around each of the following statements which read:

DISTRIBUTION STATEMENT B. Distribution authorized to U.S. Government agencies (Reason: Critical Technology, Export Controlled) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000.

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Administration Act of 1979 (Title 50, U.S.C., App. 2401 et seq.), as amended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

- 17. PRICE GROUP:
- 18. ESTIMATED TOTAL PRICE:
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- 1. DATA ITEM NO.: A005
- 2. TITLE OF DATA ITEM: Performance Specification and Interface Control Document
- 3. SUBTITLE: ICD
- 4. AUTHORITY (Dt of Acq Document No.): DI-CMAN-81248A
- 5. CONTRACT REFERENCE: C.4.5, C.5.3
- 6. REQUIRING OFFICE: RDTA-RS
- 7. DD250 REQ: LT
- 8. APP CODE:
- 9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
- 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

A. ADDRESSEES	B. COPIES: DRAFT / FINAL	
E-mail ICD to:		
Joseph Heuvers, COR,		
Email: joseph.heuvers@us.army.mil	1	1
15. TOTAL:	1	1

- 16. REMARKS:
 - a. The contractor shall provide a Performance Specification and Interface Control Document, which describes the rated performance, physical installation requirements, and operation details of the generator controller, as well as all of the hardware and software interfaces to the controller. The software controller area network (CAN) messages shall be documented in accordance with the CAN

message interface control document (ICD) template (Attachment 0001).

b. Complete the reports IAW DID DI-CMAN-81248A, "Interface Control Document". The COR is responsible for accepting or rejecting the interface control document.

c. The Performance Specification and Interface Control Document shall be delivered in accordance with the timeframe specified in Section C.5.3 of the Statement of Work.

All documentation shall be in editable Microsoft Word format, and written for Distribution Statement A Approved for public release: distribution unlimited.

BLK 9 Distribution Statement Required: DoD Instruction 5230.24 (23 Aug 2012) requires that even drafts of technical documents be marked with an Interim Distribution Statement. Accordingly, although the items of this Data Item are intended to be marked ultimately as Distribution Statement A, the draft and final deliverables should be marked with Distribution Statement E. The Government reserves the right to update the distribution statement after delivery and review of the documents, at which time it is anticipated that the Distribution Statement will be changed to Distribution Statement A, Approved for public release: distribution unlimited.

In accordance with DoDI 5230.24, a distribution statement shall be placed on the title page and front cover and have a box around the following statement which reads:

DISTRIBUTION STATEMENT E. Distribution authorized to DoD Components only (Reason: Premature Dissemination) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

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- 1. DATA ITEM NO.: A006
- 2. TITLE OF DATA ITEM: Product Drawings/Models and Associated Lists
- 3. SUBTITLE: Diagrams, schematics, and PRO-E Compatible Models
- 4. AUTHORITY (Dt of Acq Document No.): DI-SESS-81000D
- 5. CONTRACT REFERENCE: C.2.5.4, C.4.2, C.4.3, C.4.4 C.5.4, C.5.5
- 6. REQUIRING OFFICE: RDTA-RS
- 7. DD250 REQ: LT
- 8. APP CODE:
- 9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
- 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
- A. ADDRESSEES
- B. COPIES: DRAFT / FINAL

E-mail Diagrams, schematics, and PRO-E compatible Models to:

Joseph Heuvers, COR,
Email: joseph.heuvers@us.army.mil

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

a. The contractor shall provide product diagrams and schematics to describe operation of the Generator controller hardware and software developed and delivered under this effort. All functional diagrams and schematics shall be delivered in accordance with the timeframes specified in Section C.5.4 of the statement of work.

b. The contractor shall provide PRO-E compatible models of the exterior envelope, with connections and mounting points, for the generator controller developed and delivered under this effort. All PRO-E compatible models shall be delivered in accordance with the timeframes specified in Section C.5.5 of the statement of work.

c. The preliminary Diagrams, Schematics and PRO-E compatible models for the Preliminary Design Review (C.4.2) shall show all major components and configuration of them.

d. The revised functional diagrams, Schematics and PRO-E compatible models for the Critical Design Review (C.4.3) shall show all components, interconnects, mounting, and be fully detailed to satisfy the performance and engineering requirements of the development specification.

e. The final functional diagrams, schematics, and PRO-E compatible models for the Final Design Review (C.4.4) shall be 100% complete and manufacture ready. The detail shall be to such a level to allow an engineer skilled in the art to build the item.

f. The as-built final diagrams, schematics, and PRO-E compatible models which include all final updates and revisions to the final functional diagrams, schematics, and PRO-E compatible models no later than 23 months after contract award.

g. Complete the reports in accordance with (IAW) Data Item Description (DID) DI-SESS-81000D, "Product Drawings/Models and Associated Lists." The COR is responsible for accepting or rejecting the drawings, models, and lists.

BLK 9 - Distribution Statement Required:

PRO-E compatible models - BLK 9 Distribution Statement Required: DoD Instruction 5230.24 (23 Aug 2012) requires that even drafts of technical documents be marked with an Interim Distribution Statement. Accordingly, although the items of this Data Item are intended to be marked ultimately as Distribution Statement A, the draft and final deliverables should be marked with Distribution Statement E. The Government reserves the right to update the distribution statement after delivery and review of the documents, at which time it is anticipated that the Distribution Statement will be changed to Distribution Statement A, Approved for public release: distribution unlimited.

In accordance with DoDI 5230.24, a distribution statement shall be placed on the title page and front cover and have a box around the following statement which reads:

DISTRIBUTION STATEMENT E. Distribution authorized to DoD Components only (Reason: Premature Dissemination) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000.

All other documentation under this Data item shall be in editable Microsoft Word or PDF format, and written for Distribution Statement B. In accordance with DoDI 5230.24, the distribution statement shall be placed on the title page and front cover and have a box around each of the following statements which read:

DISTRIBUTION STATEMENT B. Distribution authorized to U.S. Government agencies (Reason: Critical Technology, Export Controlled) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000.

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Administration Act of 1979 (Title 50, U.S.C., App. 2401 et seq.), as amended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

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1. DATA ITEM NO.: A007
2. TITLE OF DATA ITEM: Computer Software Product
3. SUBTITLE: Graphic User Interface Software and User Manual
4. AUTHORITY (Dt of Acq Document No.): DI-IPSC-81488
5. CONTRACT REFERENCE: C.2.6.3, C.4.5, C.5.6, & C.5.7
6. REQUIRING OFFICE: RDTA-RS
7. DD250 REQ: LT
8. APP CODE:
9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
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

A. ADDRESSEES

B. COPIES: DRAFT / FINAL

See Block 16

1 1

15. TOTAL:

1 1

16. REMARKS:

a. The contractor shall provide Graphical User Interface Software and User Manual for the generator controller prior to the delivery of the generator controller. The Graphical User Interface Software and User Manual shall be delivered on CD ROM or DVD to the physical address stated in Section F.1.1.1.

b. The GUI software shall be delivered in accordance with the timeframe specified in Section C.5.6 of the statement of work.

c. The GUI software user manual shall be delivered in accordance with the timeframe specified in Section C.5.7 of the statement of work.

d. Complete the reports IAW DID DI-IPSC-81488, "Computer Software Product." The COR is responsible for accepting or rejecting the Graphical User Interface Software and user manual.

All documentation shall be in editable Microsoft Word format, and written for Distribution Statement A, Approved for public release: distribution unlimited.

BLK 9 Distribution Statement Required: DoD Instruction 5230.24 (23 Aug 2012) requires that even drafts of technical documents be marked with an Interim Distribution Statement. Accordingly, although the items of this Data Item are intended to be marked ultimately as Distribution Statement A, the draft and final deliverables should be marked with Distribution Statement E. The Government reserves the right to update the distribution statement after delivery and review of the documents, at which time it is anticipated that the Distribution Statement will be changed to Distribution Statement A, Approved for public release: distribution unlimited.

In accordance with DoDI 5230.24, a distribution statement shall be placed on the title page and front cover and have a box around the following statement which reads:

DISTRIBUTION STATEMENT E. Distribution authorized to DoD Components only (Reason: Premature Dissemination) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVP, RD TA-RTI, MS-121, Warren, MI 48397-5000.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

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1. DATA ITEM NO.: A008
 2. TITLE OF DATA ITEM: Test Plan
 3. SUBTITLE:
 4. AUTHORITY (Dt of Acq Document No.): DI-NDTI-80566A
 5. CONTRACT REFERENCE: C.3.1, C.5.12
 6. REQUIRING OFFICE: RD TA-RS
 7. DD250 REQ: LT
 8. APP CODE:
 9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
 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

A. ADDRESSEES

B. COPIES: DRAFT / FINAL

E-mail Plan to:

Joseph Heuvers, COR,

Email: joseph.heuvers@us.army.mil

1 1

15. TOTAL:

1 1

16. REMARKS:

a. The test plan shall include all preliminary tests the contractor will perform prior to the Test Readiness Review. The Test Plan shall detail all of the preliminary testing required by Attachment 0005 and any additional testing the contractor intends to perform. Any testing that the contractor is requesting to be performed at TARDEC as part of the preliminary testing shall also be detailed in the test plan. The test plan shall detail all of the preliminary checks or tests required to ensure the unit is ready to undergo each specific test requesting to be run at TARDEC.

b. The test plan shall also separately detail all of the acceptance criteria testing that the Government will perform as stated in Attachment 0005.

c. All test plans shall be submitted to the COR for review and approval by the COR in accordance with the timeframe specified in Section C.5.12 of the statement of work.

d. Complete the reports in accordance with (IAW) Data Item Description (DID) DI-NDTI-80566A, "Test Plan." The COR is responsible for accepting or rejecting the test plans.

All documentation shall be in editable Microsoft Word format, and written for Distribution Statement A, Approved for public release: distribution unlimited.

BLK 9 Distribution Statement Required: DoD Instruction 5230.24 (23 Aug 2012) requires that even drafts of technical documents be marked with an Interim Distribution Statement. Accordingly, although the items of this Data Item are intended to be marked ultimately as Distribution Statement A, the draft and final deliverables should be marked with Distribution Statement E. The Government reserves the right to update the distribution statement after delivery and review of the documents, at which time it is anticipated that the Distribution Statement will be changed to Distribution Statement A, Approved for public release: distribution unlimited.

In accordance with DoDI 5230.24, a distribution statement shall be placed on the title page and front cover and have a box around the following statement which reads:

DISTRIBUTION STATEMENT E. Distribution authorized to DoD Components only (Reason: Premature Dissemination) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

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- 1. DATA ITEM NO.: A009
- 2. TITLE OF DATA ITEM: Test Data/Report
- 3. SUBTITLE: Preliminary Test Data Report
- 4. AUTHORITY (Dt of Acq Document No.): DI-NDTI-80809B
- 5. CONTRACT REFERENCE: C.3.2, C.4.5, C.5.13
- 6. REQUIRING OFFICE: RDTA-RS
- 7. DD250 REQ: LT
- 8. APP CODE:
- 9. DIST. STATEMENT REQUIRED: SEE BLOCK 16
- 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

A. ADDRESSEES B. COPIES: DRAFT / FINAL

E-mail Plan to:

Joseph Heuvers, COR,

Email: joseph.heuvers@us.army.mil 1 1

15. TOTAL: 1 1

16. REMARKS:

a. Test data report shall include all test data (raw and summarized) for all testing planned (in the approved test plan) and unplanned (not in the test plan) performed under the contract. The test data report shall be submitted to the COR for review after completed execution of the approved test plan. The preliminary test data report shall be delivered IAW the timeframe stated in C.5.13 of the statement of work.

All documentation shall be in editable Microsoft Word format, and written for Distribution Statement A, Approved for public release: distribution unlimited.

BLK 9 Distribution Statement Required: DoD Instruction 5230.24 (23 Aug 2012) requires that even drafts of technical documents be marked with an Interim Distribution Statement. Accordingly, although the items of this Data Item are intended to be marked ultimately as Distribution Statement A, the draft and final deliverables should be marked with Distribution Statement E. The Government reserves the right to update the distribution statement after delivery and review of the documents, at which time it is anticipated that the Distribution Statement will be changed to Distribution Statement A, Approved for public release: distribution unlimited.

In accordance with DoDI 5230.24, a distribution statement shall be placed on the title page and front cover and have a box around the following statement which reads:

DISTRIBUTION STATEMENT E. Distribution authorized to DoD Components only (Reason: Premature Dissemination) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

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- 1. DATA ITEM NO.: A010
- 2. TITLE OF DATA ITEM: Computer Software Product
- 3. SUBTITLE: Firmware
- 4. AUTHORITY (Dt of Acq Document No.): DI-IPSC-81488
- 5. CONTRACT REFERENCE: C.2.6.3, C.5.2
- 6. REQUIRING OFFICE: RDTA-RS
- 7. DD250 REQ: LT
- 8. APP CODE:
- 9. DIST. STATEMENT REQUIRED: B - SEE BLOCK 16
- 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

A. ADDRESSEES	B. COPIES: DRAFT / FINAL	
See block 16	0	1
15. TOTAL:	0	1

16. REMARKS:

- a. The contractor shall provide the final version of firmware required for the operation of the generator controller and a method for the end user to load the firmware to the generator controller. The firmware shall be delivered on CD ROM or DVD to the physical address stated in Section F.1.1 in accordance with the timeframe specified in Section C.5.2 of the statement of work.
- b. Complete the reports IAW DID DI-IPSC-81488, "Computer Software Product." The COR is responsible for accepting or rejecting the firmware.

BLK 9 Distribution Statement Required: In accordance with DoDI 5230.24, the distribution statement shall be placed on the title page and front cover and have a box around each of the following statements which read:

DISTRIBUTION STATEMENT B. Distribution authorized to U.S. Government agencies (Reason: Critical Technology, Export Controlled) (Date of Determination: date of creation). Other requests for this document shall be referred to U.S. Army RDECOM TARDEC GVPM, RDTA-RTI, MS-121, Warren, MI 48397-5000.

WARNING - This document contains technical data whose export is restricted by the Arms Export Control Act (Title 22, U.S.C., Sec 2751, et seq.) or the Export Administration Act of 1979 (Title 50, U.S.C., App. 2401 et seq.), as amended. Violations of these export laws are subject to severe criminal penalties. Disseminate in accordance with provisions of DoD Directive 5230.25.

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

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