

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT1. Contract ID Code
Firm-Fixed-Price

Page 1 Of 6

2. Amendment/Modification No.

0002

3. Effective Date

2013FEB13

4. Requisition/Purchase Req No.

SEE SCHEDULE

5. Project No. (If applicable)

6. Issued By

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

Code

W56HZV

7. Administered By (If other than Item 6)

Code

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

9A. Amendment Of Solicitation No.

W56HZV-12-R-0574

9B. Dated (See Item 11)

2013JAN14

10A. Modification Of Contract/Order No.

10B. Dated (See Item 13)

Code

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. 2013MAR08 01:00pm

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 2 signed 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)

13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS

It Modifies The Contract/Order No. As Described In Item 14.

A. This Change Order is Issued Pursuant To:
The Contract/Order No. In Item 10A.

The Changes Set Forth In Item 14 Are Made In

B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).

C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of:

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)

15B. Contractor/Offeror

15C. Date Signed

16B. United States Of America

16C. Date Signed

(Signature of person authorized to sign)

By _____ /SIGNED/
(Signature of Contracting Officer)

NSN 7540-01-152-8070

30-105-02

STANDARD FORM 30 (REV. 10-83)

PREVIOUS EDITIONS UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243

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Name of Offeror or Contractor:

SECTION A - SUPPLEMENTAL INFORMATION

Weapon System: No Identified Army Weapons Systems

*** End of Narrative A0000 ***

SOLICITATION: W56HZV-12-R-0574

AMENDMENT: 0002

1. PURPOSE: The purpose of this Amendment 0002 to Solicitation W56HZV-12-R-0574 is to extend the due date for proposal submission from 28 February 2013 to 08 March 2013.

2. As a result of this Amendment 0002, the solicitation is amended as follows:

a. Page 1 Block 11 is revised from 1:00 pm local time 2013 FEB 28 to 1:00 pm local time 2013 MAR 08.

b. Section L.1.3. is revised as follows:

DELETED:

Submission method and Due Date. The offerors proposal shall be received electronically through the ASFI BRS by 1:00 PM, Warren, MI Local Time, on 28 February 2013. Reference clause 52.204-4016 for detailed information about submitting your offer electronically. The offeror must ensure its proposal, in its entirety, reaches its intended destination before the date and time set for closing of the solicitation. In accordance with FAR 15.208, if your proposal was not received at the initial point of entry to the Government infrastructure (in this case, received through ASFI) by the exact date and time specified herein, it will be determined late. Proposal, as the term is used here, means ALL volumes and/or parts of the proposal. There is no expected or target length of time for proposal submission; size and content may be factors, therefore offerors are strongly cautioned to submit their proposal allowing adequate time for submission.

ADDED:

Submission method and Due Date. The offerors proposal shall be received electronically through the ASFI BRS by 1:00 PM, Warren, MI Local Time, on 08 March 2013. Reference clause 52.204-4016 for detailed information about submitting your offer electronically. The offeror must ensure its proposal, in its entirety, reaches its intended destination before the date and time set for closing of the solicitation. In accordance with FAR 15.208, if your proposal was not received at the initial point of entry to the Government infrastructure (in this case, received through ASFI) by the exact date and time specified herein, it will be determined late. Proposal, as the term is used here, means ALL volumes and/or parts of the proposal. There is no expected or target length of time for proposal submission; size and content may be factors, therefore offerors are strongly cautioned to submit their proposal allowing adequate time for submission.

3. Except as specifically stated above, all other terms and conditions of the solicitation remain unchanged.

*** END OF NARRATIVE A0003 ***

Name of Offeror or Contractor:

SECTION L - INSTRUCTIONS, CONDITIONS, AND NOTICES TO OFFERORS

L.1 General Proposal Information. The proposal, subject to the Submission, Modification, Revision and Withdrawal, paragraph of Instructions to Offerors Competitive Acquisitions (52.215-1, ALT I) contained in Section L of the solicitation, shall be submitted in the format and quantities set forth below. All information necessary for the review and evaluation of a proposal must be contained in the proposal volumes set forth below. Section M of the solicitation sets forth the evaluation criteria and delineates the factors and sub-factors to be evaluated and their relative order of importance. The offerors proposal, as required by this section, shall be evaluated as set forth in Section M of this solicitation. The proposal shall be presented in sufficient detail to allow Government evaluation of its response to the requirements of the solicitation. The Government will not assume the Offeror possesses any capability, understanding, or commitment not specified in its proposal. It is an offerors responsibility to submit a well-written proposal, with adequately detailed information which clearly demonstrates an understanding of and the ability to comply with the solicitation requirements to allow for a meaningful review. The Government does not assume the duty to search for data to cure problems found in the proposals. FAR clause 52.215-1 advises Offerors that the Government intends to evaluate proposals and award a contract without discussions with Offerors. Therefore, the Offerors initial proposal should contain the Offerors best terms from a price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary. Where award will be made without discussions, exchanges with Offerors are limited to clarifications as defined in FAR 15.306(a).

L.1.1 The offerors proposal shall be submitted in four (4) separate volumes as set forth below. Some parts of the proposal contain page limit recommendations as set forth in Section L below. Where page limit recommendations are specified, they are based upon standard 8.5 x 11 paper with a minimum font size of 10pt and with a minimum of 0.5 margins. Schedules, drawings, and other documents more appropriate to larger paper may be formatted no larger than 11 x 17. A proposal executive summary or transmittal letter is optional. It will not be considered as part of the responses called for in the four (4) proposal volumes required below, nor will it be evaluated. If a proposal executive summary or transmittal letter is submitted, it must be submitted as a separate volume from the four (4) volumes set forth below and it is recommended to be no more than 3 pages. The offerors proposal shall consist of the following volumes, submitted electronically via the Army Single Face to Industry (ASFI) Online Bid Response System (BRS):

- (a) Volume 1: Technical Volume.
- (b) Volume 2: Experience Volume.
- (c) Volume 3: Price Volume.
- (d) Volume 4: Proposal Terms and Conditions (SF33, Solicitations Sections A-K)

L.1.2 Each volume listed above shall be submitted separately and shall be prepared using Microsoft (MS) Word, MS Excel, MS PowerPoint, MS Project, MS Access, or PDF compatible formats. All MS files shall be 2003/2007 compatible unless otherwise indicated. Each Volume shall be labeled so that it is easily identifiable for evaluation purposes (example: Technical Volume), and shall also include the offerors name and the solicitation number. Each volume shall include a (i) title page, (ii) table of contents, and (iii) list of tables and figures. Each page of the proposal shall be numbered. The table of contents shall be organized by sub-factor (if applicable) as set forth in Section L. Provide a list of all attachments and substantiating data in the table of contents under the specific sub-factor (if applicable) which it supports. The table of contents shall include the following information for each sub-factor (if applicable), attachment and/or substantiated data listed:

- (a) A cross-reference to the related section L paragraph number
- (b) Page number
- (c) Volume name

L.1.3 Submission method and Due Date. The offerors proposal shall be received electronically through the ASFI BRS by 1:00 PM, Warren, MI Local Time, on 08 March 2013. Reference clause 52.204-4016 for detailed information about submitting your offer electronically. The offeror must ensure its proposal, in its entirety, reaches its intended destination before the date and time set for closing of the solicitation. In accordance with FAR 15.208, if your proposal was not received at the initial point of entry to the Government infrastructure (in this case, received through ASFI) by the exact date and time specified herein, it will be determined late. Proposal, as the term is used here, means ALL volumes and/or parts of the proposal. There is no expected or target length of time for proposal submission; size and content may be factors, therefore offerors are strongly cautioned to submit their proposal allowing adequate time for submission.

L.2 All or None. Offers in response to this solicitation must be submitted for ALL of the requirements identified in the solicitation. Offers submitted for less than ALL the requirements called for by this solicitation may be rejected.

L.3 Volume 1 Technical Factor:

L.3.1 The Technical Factor shall specifically identify the power, temperature, space claim, and weight capabilities of the silicon carbide generator controller and how the construction method will meet or exceed the thresholds identified in the table below. The paragraph references stated within the table below reference to the scope of work (SOW) in Section C of this solicitation.

Name of Offeror or Contractor:

Requirement	Threshold	Objective
A. Power Capability (C.2.2.2.3 & C.2.2.2.1)	300 Amps RMS Continuous 600 Amps RMS Transient 175kW Continuous DC	600 Amps RMS Continuous 1200 Amps RMS Transient 175kW Continuous DC
B. Temperature Capability (C.2.4.1)	121 Degrees Celsius Ambient	150 Degrees Celsius Ambient
C. Space Claim (C.2.5.1)	20 kW/liter	35 kW/liter
D. Weight (C.2.5.2)	10 kW/kg	25 kW/kg

L.3.2 For the above four considerations, the offeror's Technical Factor proposal shall include the following:

L.3.2.1 For the Power Capability requirement in sections C.2.2.2.3 and C.2.2.2.1 of the SOW, the Offeror shall:

(a) Identify its proposed performance level (Threshold; Objective; Achievement between Threshold and Objective - provide the exact performance level if between Threshold and Objective), and

(b) Describe its proposed Power Capability configuration to achieve the proposed level of performance. At a minimum, include spec sheets for the proposed components, provide supporting component literature, an engineering analysis including any calculations substantiating the offerors approach, and a narrative or other information substantiating that the offeror's approach will meet the proposed performance level.

L.3.2.3 For the Temperature Capability requirement in section C.2.4.1 of the SOW, the Offeror shall:

(a) Identify its proposed performance level (Threshold; Objective; Achievement between Threshold and Objective - provide the exact performance level if between Threshold and Objective), and

(b) Describe its proposed Temperature Capability configuration to achieve the proposed level of performance. At a minimum, include an engineering analysis including any calculations substantiating the offerors approach, and a narrative or other information substantiating that the offeror's approach will meet the proposed performance level.

L.3.2.4 For the Space Claim requirement in section C.2.5.1 of the SOW, the Offeror shall:

(a) Identify its proposed performance level (Threshold; Objective; Achievement between Threshold and Objective - provide the exact performance level if between Threshold and Objective), and

(b) Describe its proposed configuration to achieve the proposed Space Claim. At a minimum, include three-dimensional drawings to include all components in the following views: front, side, back. This information will be used to substantiate that the offeror's approach will meet the proposed performance level.

L.3.2.5 For the Weight requirement in section C.2.5.2 of the SOW, the Offeror shall:

(a) Identify its proposed performance level (Threshold; Objective; Achievement between Threshold and Objective - provide the exact performance level if between Threshold and Objective), and

(b) Describe its proposed configuration to achieve the proposed Weight. At a minimum, include a list of all proposed components and their associated weights, substantiating that the offeror's approach will meet the proposed performance level.

L.4 Volume 2: Experience: Offerors shall submit the following:

L.4.2.1 The Offeror shall identify a grand total of no more than three (3) Contracts/Delivery or Task Orders, which are the most recent and relevant to the scope of work specified below in paragraphs L.4.2.3.1 and L.4.2.3.2 below.

L.4.2.2 Recent Contracts. Recent Contracts/Orders are those performed within approximately three years of the date of issuance of this RFP.

L.4.2.3 Relevant Contracts. Relevant Contracts/Orders or work directives are those which, as described below, are comparable in scope to RFP requirements. Where prior relevant experience is under a broader Blanket Purchase Agreement (BPA) or Indefinite Delivery Indefinite Quantity (IDIQ)-type contract, do not just cite the broader BPA or IDIQ Contract. Rather, include the specific individual work directives/ delivery or task orders which you consider to be reflective of relevant prior experience. In accordance with section L.4.2.1

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above, each prior Contract/Order identified by the Offeror as being applicable, shall be evaluated based upon the extent to which prior experience is relevant to RFP requirements.

Specifically, the extent of relevant Experience with the following RFP requirements will be assessed by the Government:

L.4.2.3.1 Building silicon carbide electronic assemblies of a complexity comparable to this effort.

L.4.2.3.2 Ruggedizing electronics for extreme environmental conditions of a complexity comparable to this effort.

L.4.2.4 For each of the up to three (3) recent/relevant contracts/task orders identified, the Offeror shall provide the following:

- (a) Contract Number
- (b) Contract type
- (c) Contract performance period
- (d) Government or commercial contracting activity address, telephone number, and E-mail address
- (e) Procuring Contracting Officer's (PCO's) name, telephone number and E-mail address
- (f) Administrative Contracting Officer's (ACO's) name, telephone number and E-Mail address
- (g) Government or commercial contracting activity technical representative, or COR, name, telephone number and E-mail address
- (h) Copies of all Scope of Work paragraphs of the contracts/orders reflecting Experience which is relevant to the relevance considerations cited above in paragraphs L.4.2.3.1 and L.4.2.3.2.
- (i) A discussion of specific similarities between these contract scopes of work and the scope in Section C herein.

Failure to provide the information requested under paragraph L.4.2.4 (a-h, particularly paragraphs (a c) and (h)), so that the Government can evaluate the recency and relevance of claimed experience may result in an assessment that prior experience lacks relevance or recency.

L.4.2.5 Cross-Reference Matrix: The Offeror shall also complete the matrix at Attachment 0004 of this RFP. The matrix identifies the experience considerations in the first row. The offeror shall list each of the up to three (3) prior contracts/orders in the left margin of each chart. These contracts should match the types of experience the Government will be using for evaluation purposes. The offeror shall identify recent/relevant contracts under each of the Experience sub-factors, through placement of an (X) in the applicable matrix boxes. The offeror may include a brief description in the matrix of the extent of any similarities. However, any brief narrative provided in the chart itself will not be sufficient to constitute as a substitute for the narrative required discussing the experience sub-factor as required by L.4.2.4(h) above.

L.5 Volume 3: Price Factor:

L.5.1 The Price volume shall include the Offeror's total proposed price for Primary CLINs (0001 through 0015), each Primary CLIN price shall consist of the summation of its sub-CLINs that are identified in Section B of the proposal.

L.5.2 The Offerors shall provide the basis for establishing the proposed price for Primary CLINs (0001 through 0015), including any offered discounts, established catalogs, price lists, or other verifiable and established records that are regularly maintained by the vendor, and are published or otherwise available for customer inspection. Catalog and/or price lists for commercial items can be provided as a basis to support direct materials such as purchased finished components (per "direct material cost", under L.5.3.4 below).

L.5.3 In support of the price reasonableness determination, the Offeror shall provide its proposed direct costs relative to the proposed price, on a "CLIN-by-CLIN" basis (Primary CLINs 0001 through 0015). The cost breakdown shall be sent in Microsoft Excel format, and include all formulas, functions, macros, computations, and equations used to compute the proposed amounts. For each Workbook, all rows, columns, cells and worksheets must be visible. If workbooks or worksheets are password protected, then the password(s) must be provided. The cost breakdown shall include the following cost element information, detailed by Offerors fiscal year:

L.5.3.1 Direct labor hours. The Offeror shall include, for each Primary CLIN, the total proposed direct labor hours and direct labor hours broken down by proposed labor category.

L.5.3.2 Direct Labor Rates. The Offeror shall include, for each Primary CLIN, the proposed direct labor rate for each proposed labor hour category.

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L.5.3.3 Direct Labor cost for each Primary CLIN (total dollar amount for wages and salaries only, with no fringe benefits or overhead).

L.5.3.4 Direct Material cost. The Offeror shall provide, for each Primary CLIN, the direct material cost (for the material cost items with an extended cost over \$5,000, list by material name, vendor and dollar amount).

L.5.3.5 Cost for Subcontracted Services/Efforts. The Offeror shall provide an itemized list, for each CLIN, of subcontracted services/efforts over \$10,000 to include the subcontractor name, subcontract price, and the Offeror's narrative description of each subcontractor's effort.

L.5.3.6 Any other direct costs, for each Primary CLIN, over \$5,000 (itemized by name/kind of other direct cost, supplier and dollar amount).

L.5.3.7 Overhead, G&A, and Facilities Capital Cost of Money (FCCM). The Offeror shall provide, for each Primary CLIN, the proposed overhead, G&A, and FCCM rates used in the proposal.

L.5.4 In addition to the "by-CLIN" breakout specified in L.5 above, also provide a composite cost element breakdown of all CLINs combined (Base and Option CLINs) as follows:

- Total Material
- Total Material Overhead
- Total Labor
- Total Labor Overhead
- Total Subcontracted Services
- Total Other Direct Costs
- Total FCCM
- Total G&A
- Total Profit

L.5.5 Exchange Rate Information. All price information shall be stated in United States (U.S.) dollars only, for both the prime contractor and any potential subcontractors. If the basis for the proposal is any other currency, the Offeror shall:

- (a) State the exchange rate(s) being used to convert any currency to U.S. dollars and how the exchange rate was developed.
- (b) Explain how you intend to deal with the risk that fluctuation in exchange rates may impact this prospective contract.

This additional data will help us confirm that the full scope of these requirements has been communicated, is understood, and is fair and reasonable.

L.5.6 In addition to the above information, the Government reserves the right to request additional or more detailed price breakdown data to support its determination of price reasonableness.

L.6 Volume 4: Proposal Terms and Conditions (SF33, Solicitation Sections A-K) Offerors shall submit the following:

L.6.1 Volume 4 shall contain the following information:

L.6.1.1 Include a scanned image of a signed copy of the SF 33 cover page signed by a person authorized to sign bids, quotations or proposals on behalf of the Offeror. Offeror shall fill-in blocks 12, 13, 15A, 15B, 16, 17, and 18 on the SF 33.

L.6.1.2 One copy of this solicitation (Sections A-K) with all clauses and other fill-ins completed. Any required certifications and representations that are required under the solicitation.

L.6.1.3 A statement of agreement to all the terms, conditions, distribution statements, and provisions of this solicitation.

L.6.1.4 A list of any exceptions the Offeror takes to any term, condition, distribution statement, or requirement contained in the solicitation and the basis for each exception. Offerors are cautioned to consult, in writing, with the Contracting Officer before submitting an offer that takes exception to any term or condition of this RFP.

L.6.1.5 Other than U.S. Small Business concerns, as defined by the North American Industry Classification System (NAICS) code applicable to this solicitation, 541712, shall submit an acceptable small business subcontracting plan in accordance with FAR 52.219-9 and TACOM Local clause 52.219-4004, and provide this plan as part of the proposal submission.