

| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | 1. CONTRACT ID CODE | PAGE OF PAGES | |
|---|----------------------------------|--|--|---|----|
| | | | J | 1 | 16 |
| 2. AMENDMENT/MODIFICATION NO. 0003 | 3. EFFECTIVE DATE 13-Jun-2011 | 4. REQUISITION/PURCHASE REQ. NO. W917PM11044901 | | 5. PROJECT NO.(If applicable) | |
| 6. ISSUED BY AFGHANISTAN DISTRICT SOUTH (AES) US ARMY CORPS OF ENGINEERS APO AE 09355 | CODE W5J9LE | 7. ADMINISTERED BY (If other than item 6) | | CODE | |
| | | See Item 6 | | | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) | | | X | 9A. AMENDMENT OF SOLICITATION NO. W5J9LE-11-T-0004 | |
| | | | X | 9B. DATED (SEE ITEM 11) 01-May-2011 | |
| | | | | 10A. MOD. OF CONTRACT/ORDER NO. | |
| | | | | 10B. DATED (SEE ITEM 13) | |
| CODE | | | FACILITY CODE | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | |
| <input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input checked="" type="checkbox"/> is extended, <input type="checkbox"/> is not extended. <p>Offer 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 <u>1</u> copies of the amendment; (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.</p> | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | | |
| 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | |
| A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) 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 date, 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 <input type="checkbox"/> is not, <input type="checkbox"/> 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.) | | | | | |
| PROJECT: STARTER KIT, KANDAHAR, AFGHANISTAN. Contract Specialist: John Perez, john.m.perez@usace.army.mil The purpose of this Amendment is as follows: 1. Industry Questions/Clarifications and Answers are addressed. 2. Revise Amendment 0002 SCOPE OF WORK. 3. Extend quotation due date to Saturday, 18 June 2011, 1700 hours local time. 4. Revise BID SCHEDULE. 5. Revise INSTRUCTIONS TO OFFERORS. | | | | | |
| 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) | | |
| | | | TEL: _____ EMAIL: _____ | | |
| 15B. CONTRACTOR/OFFEROR | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA | | 16C. DATE SIGNED | |
| _____ (Signature of person authorized to sign) | | BY _____ (Signature of Contracting Officer) | | 13-Jun-2011 | |

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

The following have been added by full text:

W5J9LE-11-T-0004, Amendment 0003:

The Quotation Due Date is hereby EXTENDED to Saturday, 18 June 2011, 1700 hours Local Time.

No further questions for this Solicitation will be accepted by the Government after Tuesday, 14 June 2011, 1700 hours Local Time.

QUESTIONS/CLARIFICATIONS AND ANSWERS

Q39: Based on the amendment we have a few more questions:

- Insulators. I note the questions summary advises remove item 006 because they are already provided for with items 020, 021 and 022 - but none of these numbers relate to the item numbers for the product schedule I have as the enquiry. The only reference in the Distribution Standards is for MV porcelain suspension and pin type insulators.

- a) So, should I ignore item 12 in my enquiry schedule?
- b) Where is the specification for the 20kV post insulator (item 30)?
- c) Is item 31 (insulator pin) for MV pin type insulators in the standards - which do not appear as a separate item in the enquiry?
- d) Where is the specification for 20kV deadend insulators (item 32)?
- e) Poles. There is a drawing showing the foundation requirements for different applications for 12 meter concrete poles - but no drawing or specification details for either concrete (item 13) or steel (item 29) poles. Can these be provided?
- f) Is there a drawing or a specification for the 100A fused cut-out?

A39:

- a) See Attachment 1 to Amendment 0001 for insulator information.
- b) See Attachment 1 to Amendment 0001 for insulator information.
- c) See Attachment 1 to Amendment 0001 for insulator information.
- d) See Attachment 1 to Amendment 0001 for insulator information.
- e) See Attachment 1 to Amendment 0001 for insulator information.
- f) The Government is looking for something comparable to the S&C XS fuse cutout extra-heavy duty overhead #89042R10. The specifications are in Attachment 1 to Amendment 0003.

Q40: Our Suppliers are still waiting to know the location where they need to send the sample meters. Moreover it is stated that meters should reach with offer, how can this be done if up till today we did not receive the above info and the closing date is June 14th!? Can you extend the closing date?

A40: Sample meters are not required to be submitted with vendor quote/offer. See Statement of Work to Amendment 0003.

Q41: The amendments issued still do not provide the drawings for the 12m concrete poles, and the current specifications do not define the buried length or design working load. Please provide this information.

A41: See Attachment 1 to Amendment 0001.

Q42: Also, the amendment specifies round terminal lugs, but gives no other clarification. Please provide either the exact DongaBestech part numbers or precise specifications for terminal lugs items 16A -16M.

A42: See Attachment 2 to Amendment 0003.

Q43: Furthermore, for the insulators, please provide the ANSI class numbers, dimensions and specifics about the insulators.

A43: See Amendment 0003, A39 (a) thru (d).

Q44: Please we need your help. In amendment 2 quote, Q25: READDRESSED FROM AMENDMENT 0001: What are the preferred countries of Origin? We know that China, Cuba, Iran, N.Korea and Syria are not a desired origins, can we offer Indian? Or you prefer only USA?

A25: CORRECTED: Brand name "or equal" may be offered for all items.

Will you please advise what is the Brand Name or equal of the requested Meters

http://www.google.com/url?sa=t&source=web&cd=1&ved=0CB0QFjAA&url=http%3A%2F%2Fvictorinsulators.com%2Fpintypeindex.htm&ei=p4_vTYyTHdLATgeR5sidCQ&usg=AFQjCNExMh952IwRaDRBOE1o5pOU6JCYVw/Items 001A to 001G, CT transformers /002 and 003?

A44: Detailed specification for Items 001A to 001G have been provided. CT transformers are to be matched as a subcomponent of the 3 ph meters to allow for remote measurement of the line values. The transformer is required to be matched to the specific three phase meter.

Q45: Concerning above subject we noted that a sample meter is requested with offer:

- a) Can we send it in advance? The offer is ready, where do you want us to send the meters sample ?
- b) Will you please advise the full address where we need to send?
- c) Do you intend to make partial awards?

A45:

- a) Sample meters are not required to be submitted with vendor quote/offer. See Statement of Work to Amendment 0003.
- b) Sample meters are not required to be submitted with vendor quote/offer. See Statement of Work to Amendment 0003.
- c) No.

Q46: Amendment 0002, revised Scope of Work section 1.2 Submittals states "All meters submitted must be from the manufacturer specified in Appendix A, or equal." A manufacturer is not stated in Appendix A. Is there a specified manufacturer?

A46: There is no specified manufacturer in Appendix A.

Q47: Amendment 0002, revised Scope of Work section 1.2 Submittals also states “All quotations will be accompanied with samples of the power meters listed at item 001A and 001C.” If samples of the power meters are required at this time, would it be acceptable to submit the offer via email no later than 14 June and to submit the samples to the final destination location within 21 days of submittal of the offer?

A47: Sample meters are not required to be submitted with vendor quote/offer. See Statement of Work to Amendment 0003.

Q48: The presolicitation notice states “The magnitude of this purchase is between \$1M and \$5M.” Is the expected price of this quote expected to be less than \$5 million?

A48: Yes, the expected price should be less than \$5 million.

Q49: Please reference Amendment 0002, 1.2 Submittals: “All quotations will be accompanied with samples of the power meters listed at item 001A and 001C. Each sample submitted shall be fully functional, for testing by Government personnel.”

Would it be acceptable to provide samples prior to order placement if awarded the contract?

A49: Sample meters are not required to be submitted with vendor quote/offer. See Statement of Work to Amendment 0003.

Q50: It is understood that no customs clearing expenses will be directly reimbursed, however will the offeror be authorized to retain USACE/DABS as the consignee of all shipment documents to allow the import of materials under the USACE duty exemption umbrella?

A50: The offer pricing shall include all costs for procurement and delivery of all items on the BID SCHEDULE. No customs clearing expenses will be provided by the Government.

Q51: Please reference page 12 of 87, Contract Clauses, which requests: “(10) Past performance information, when included as an evaluation factor, to include recent and relevant contracts for the same or similar items and other references...” page 6 of 87 states “The basis of award is Lowest Price for electrical equipment and materials that meet the technical requirements in the SCOPE OF WORK.”

Is past performance an evaluation factor for this quote? Does past performance information need to be submitted with the offer?

A51: Past performance is not an evaluation factor. Past performance does not need to be submitted.

Q52: Please reference RFP Appendix A (beginning on RFP page 35 of 87):

- a) Page 50 of 87, Part 12 states: “12. Technical Assistance. The Bidder shall include in his offer technical assistance for the installation and operation of meters, for programming and software use, and for training for correct use of the equipment.”

From the response to Q+A, it is understood that this technical assistance and training is not required, other than to support product warranty issues. Is this understanding correct?

- b) Page 50 of 87, Part 15 states: “15. Quality Assurance. The Manufacturer / Supplier shall have established a Quality Assurance System based on ISO 9001 or 9002. The Supplier shall include documentation of the system with a list of current procedures, an organization chart of the quality organization and the name of the quality manager. He shall also submit a list of quality revisions performed in the last twelve months with a list of findings, as well planned revisions for the coming twelve months. The Supplier shall submit for approval a program of quality control and inspection procedures to assure that the product during manufacture and on completion complies with the specified requirements.”

We are sourcing from multiple manufacturers to supply the required equipment. Does the offeror need to have a QA System based on ISO 9001 or 9002 or is it acceptable for the offeror’s meter manufacturer to have a QA System based on ISO 9001 or 9002?

Do the documentation of procedures, organization of quality organization, name of quality manager need to be included with the offer? Or can these items be submitted upon award for approval?

- c) Page 50 of 87, Part 16 states: “16. Tests. The Bidder and Contractor for the equipment shall submit all protocols and test results (type tests with the offer, and routine tests with delivery of supplies) performed on equipment according to the specified international standards.”

Is this information required with the proposal or can it be submitted upon award?

A52:

- a) Yes
- b) It is acceptable for the offeror’s meter manufacturer to have a QA System based on ISO 9001 or 9002. The documentation of procedures, organization of quality organization, name of quality manager etc. items can be submitted upon delivery.
- c) Can be submitted on delivery.

Q53: Zera, the company used in item 004 of the RFP for the Zera 300/310 – test device “brand name or equal” stated that they will not provide quotation as their “partner is bidding this proposal” and they decided to give no further quotations. This could be considered to be a limiter to fair and open competition, and is certainly not conducive to fair and open competition IAW the FAR. So that this procurement will be priced fairly and reasonably, we request that another or equal brand be used. Additionally, can the proposal due date be extended to provide all bidders an opportunity to obtain pricing.

A53: Sample meters are not required to be submitted with vendor quote/offer. See Statement of Work to Amendment 0003. See Amendment 0003 for the due date extension.

Q54: Item 006 Insulators. What type stand off? Used for drop’s for actual line itself? We assume 20 KV.

A54: See Amendment 0002, A30.

SECTION 01010 SCOPE OF WORK

1. SUMMARY OF WORK

This project consists of the procurement and delivery of electrical equipment and materials for the Afghan Government owned electric utility system, Da Afghanistan Breshna Shirkat (DABS). All electrical equipment and materials procured shall be in new condition, not used previously or reconditioned.

Electrical equipment and materials to be procured are in SECTION 00010, BID SCHEDULE. In addition, offeror must provide the submittal items stated in paragraph 1.2 (SUBMITTALS) for each item on the BID SCHEDULE.

The technical requirements for electrical equipment and materials to be provided are in paragraph 4 (TECHNICAL EQUIPMENT AND MATERIAL REQUIREMENTS).

All electrical equipment and materials to be procured under this contract shall comply with the latest applicable standards and recommendation of the International Electrotechnical Commission (IEC), International Standards Organization (ISO), or the British Standards Institution (BSI).

All electrical equipment and materials to be procured under this contract shall have UL (Underwriters Laboratories Inc) and or CE (Conformité Européenne) markings and have verifiable UL and CE certifications and or documentations.

The electrical equipment and materials need to be delivered as soon as possible; no later than 180 days after contract award. The delivery schedule on the bid schedule needs to be completed for short lead time items (delivery dates less than 90 days) and long lead time items (delivery dates exceeding 90 days).

Electrical equipment procured under the resultant contract shall be delivered to the location indicated in paragraph 2 (LOCATION). Deliveries need to be coordinated with the POC seven days in advance. Prior to shipment from point of purchase, each piece of electrical equipment shall be tagged or otherwise marked or labeled. Such labeling may be placed or affixed to the container, box or packaging in which equipment items are located when it is not feasible to place or affix such labeling directly on each piece of equipment. Tags or labels shall include, but not necessarily be limited to; equipment name, description, and/or other data.

All electrical equipment items shall be provided with manufacturer's standard warranties. Warranties, original calibration sheets, and manufacturer's cut sheets indicating recommended storage requirements shall be affixed in weatherproof pouches to the outside of shipping packaging for all items.

1.1 ENGLISH LANGUAGE REQUIREMENT

All information shall be presented in English. The Contractor shall have a minimum of one English-speaking representative to communicate at all times.

1.2 SUBMITTALS

The offer shall include the manufacturer's cut sheets with photos, data sheets, and specifications for each item on the BID SCHEDULE.

1.3 TECHNICAL STANDARDS

The following technical document is part of this requirement as it relates to the specific items listed in paragraph 4 (TECHNICAL EQUIPMENT AND MATERIAL REQUIREMENTS). They are in addition to the technical requirements provided in Appendix A-F:

- Ministry of Energy and Water, Rehabilitation and Extension of the Kabul City distribution Network, Chapter U, dated 01.2005.

2. LOCATION

Electrical equipment and materials shall be delivered to the following:

Shorandam Industrial Park
 POC: SGT Terry Dietrich (249th Prime Power)
 PHONE: 312-265-1597

Grid Coordinates: 41RQQ6779097385

3. BRAND NAME OR EQUAL SPECIFICATIONS (FAR 36.202).

Whenever a brand name or manufacturer's specification is used throughout this Scope of Work as a means to identify a particular item(s), the contractor shall have the option to submit for review and approval items by other manufactures if the Item(s) is considered an "or equal" having similar physical, performance and functional characteristics. The purchase description of a brand name item reflects the characteristics and level of quality that will satisfy the Government's needs (FAR 52.211-6). Nothing in this Scope of Work is intended to limit full and open competition.

4. TECHNICAL EQUIPMENT AND MATERIAL REQUIREMENTS

The following table indicates the technical equipment and material requirements:

| ITEM | DESCRIPTION | TECHNICAL REQUIREMENTS |
|-------------|--|--|
| | <u>ENERGY METERS</u> | |
| 001A | Digital Energy Meters -1ph 10(40)A | Per Specifications in appendix A |
| 001B | Digital Energy Meters - 1ph 20(60)A | Per Specifications in appendix A |
| 001C | Digital Energy Meters - 3ph 10(40)A | Use the Single Phase Meter Specification provided in appendix A |
| 001D | Digital Energy Meters - 3ph 20(60)A | Use the Single Phase Meter Specification provided in appendix A |
| 001E | Digital Energy Meters - 3ph 50(100)A | Use the Single Phase Meter Specification provided in appendix A |
| 001F | Digital Energy Meters - 3ph 5A w/CTs 200/5 | Use the Single Phase Meter Specification provided in appendix A |
| 001G | Digital Energy Meters - 3ph 5A w/CTs 400/5 | Use the Single Phase Meter Specification provided in appendix A |
| 002 | Current Transformer 200/5A CT - 200/5A CT | This is a subcomponent of the 3 ph meters to allow for remote measurement of the line values. The transformer is required to be matched to the specific three phase meter. |

| | | |
|--------------------------------|---|---|
| 003 | Current Transformer - 400/5A CT | This is a subcomponent of the 3 ph meters to allow for remote measurement of the line values. The transformer is required to be matched to the specific three phase meter. |
| 004 | ZARA 300/310 - Test device | Model MT300/MT310 Manufactured by ZERA GmbH of Konigswinter Germany or <u>approved equal</u> . Contact information: Web: www.zera.de Phone: +49 2223-704-0 Fax: +49 2223-704-70 |
| 005 | DISCOS Boundary/Logger 3ph 20kv | The product specification provided in appendix B, is an example of a Boundary Logger meeting the Government needs. "Or Equal" Boundary Loggers from other manufacturers may be submitted provided they meet or exceed the saline characteristic outlined in the DISCOS information. |
| 006 | Insulators | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 007 | Poles - Concrete 12m | Per Specifications in appendix C |
| 008 | Weather Stations (T,RH, WD, BP) | Per Specifications in Appendix D |
| <u>LOW VOLTAGE LUGS</u> | | |
| 016A | Low voltage terminal lugs - 10mm2 x 6, | Per Specification Sheet in Appendix E |
| 016B | Low voltage terminal lugs - 10mm2 x 10, | Per Specification Sheet in Appendix E |
| 016C | Low voltage terminal lugs - 16mm2 x 6, | Per Specification Sheet in Appendix E |
| 016D | Low voltage terminal lugs - 16mm2 x 10, | Per Specification Sheet in Appendix E |
| 016E | Low voltage terminal lugs - 25mm2 x 8, | Per Specification Sheet in Appendix E |
| 016F | Low voltage terminal lugs - 25mm2 x 12 | Per Specification Sheet in Appendix E |
| 016H | Low voltage terminal lugs - 50mm2 x 10, | Per Specification Sheet in Appendix E |
| 016I | Low voltage terminal lugs - 50mm2 x 14 | Per Specification Sheet in Appendix E |
| 016J | Low voltage terminal lugs - 95mm2 x 12, | Per Specification Sheet in Appendix E |
| 016K | Low voltage terminal lugs - 95mm2 x 16, | Per Specification Sheet in Appendix E |
| 016L | Low voltage terminal lugs - 150mm2 x 12, | Per Specification Sheet in Appendix E |
| 016M | Low voltage terminal lugs - 150mm2 x 16, | Per Specification Sheet in Appendix E |
| 017 | Automatic Splice - Aluminum automatic tension splice, ACSR 120/20 overall diameter 15.5mm | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005 and the data sheet in appendix F. |

| | | |
|------------|---|---|
| 018 | Steel Cross arm - 6 ft steel arm | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 019 | Metal Pole - 40ft steel pole, class 3 equivalent | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 020 | Post Insulator - 20kv insulator | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 021 | Insulator Pin - Stud assembly for insulator | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 022 | Dead End Insulator - 20kv dead end insulator | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 023 | Dead End Shoe - Aluminum wedge type tension clamp range to 120mm conductor(wire grip) | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 024 | Fused Cutout - 100 amp fused cutout | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 025 | Lightning Arrestor - 20kv lightning arrestor | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 026 | Ground Rod - Copper ground rod(16mm x 1800mm) | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 027 | Ground Rod Connector - 16mm copper ground rod clamp | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 028 | Eye Nut - 16mm oval eye nut | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 029 | Bolt - 16mm x 200mm | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 030 | Aluminum #4 awg - Soft drawn tie wire 250 ft coil | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 031 | Washer - 16mm square washer 75mm x 75mm x 8mm | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |
| 032 | Aluminum Conductor - 120/20 ACSR wire (KM) | Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005. |

5. COMPLETION OF WORK

AT CONTRACT AWARD, the vendor shall submit one each of the power meters listed as items 001A and 001C. The vendor will have four weeks (32 days) from contract award to submit the sample meters. Each sample submitted shall be fully functional for testing and must be brand name or equal and meet the requirements as stated in section 01010 – SCOPE OF WORK. The contractor shall not place an order with the manufacturer for the remainder of items 001 thru 003 until after item 004 has been delivered and used by DABS to perform acceptance tests on the samples of items 001A and 001C. The vendor will be notified of acceptance or rejection of the sample meters within 14 days of receipt of item 004 and if to continue with the purchase of the remaining meters. The Government will not order the meters from the BID SCHEDULE if the sample meters do not pass testing.

Items 004 thru 032, equipment and materials, need to be delivered as soon as possible, but no later than 180 days after contract award.

6. LIST OF APPENDIXICES

APPENDIX A - SINGLE AND THREE PHASE METERS

APPENDIX B - BOUNDARY LOGGER 3 PH 20 KV

APPENDIX C – REINFORCED CONCRETE PLOE

APPENDIX D – WEATHER STATION

APPENDIX E - TERMINAL LUGS

APPENDIX F - TECHNICAL DATA OVERHEAD LINE CONDUCTORS

-- END OF SECTION –

INSTRUCTIONS TO OFFERORS

1. GENERAL

This project consists of the procurement and delivery of electrical equipment and materials for the Afghan Government owned electric utility system, Da Afghanistan Breshna Shirkat (DABS). All electrical equipment and materials procured shall be in new condition, not used previously or reconditioned.

The intent of this Request for Quote is to select one contractor for the purchased of electrical equipment and materials.

The basis of award is Lowest Price for electrical equipment and materials that meet the technical requirements in the SCOPE OF WORK. The Contracting Officer will award a firm fixed price contract to the responsible offeror.

2. QUOTATIONS SUBMISSION REQUIRMENTS

2.1 BID SCHEDULE

The offeror shall complete and submit the BID SCHEDULE.

2.2 DOCUMENTS

The offeror shall submit the following for each item on the BID SCHEDULE:

- a. Manufacturer's cut sheets with photos;
- b. Data sheets;
- c. And specifications.

3. QUOTATION SUBMISSION ADDRESS

Quotation must be submitted electronically (softcopy).

Softcopy quotation are to be submitted to the following email address:

john.m.perez@usace.army.mil AND TAS.Contracting@usace.army.mil

Quotation will be accepted until Saturday, 18 June 2011, 1700 hours Local Time.

4. COMPLETION OF WORK

AT CONTRACT AWARD, the vendor shall submit one each of the power meters listed as items 001A and 001C. The vendor will have four weeks (32 days) from contract award to submit the sample meters. Each sample submitted shall be fully functional for testing and must be brand name or equal and meet the requirements as stated in section 01010 – SCOPE OF WORK. The contractor shall not place an order with the manufacturer for the remainder of items 001 thru 003 until after item 004 has been delivered and used by DABS to perform acceptance tests on the samples of items 001A and 001C. The vendor will be notified of acceptance or rejection of the sample meters within 14 days of receipt of item 004 and if to continue with the purchase of the remaining meters. The Government will not order the meters from the BID SCHEDULE if the sample meters do not pass testing.

Items 004 thru 032, equipment and materials, need to be delivered as soon as possible, but no later than 180 days after contract award.

-- END OF SECTION --

BID SCHEDULE

Offeror will provide per UNIT PRICE and total price under “NET AMOUNT” column. The offeror will state a 90 or 180 day delivery under “DELIVERY SCHEDULE” column. Proposed pricing shall be inclusive of all direct and indirect costs (mobilization, demobilization, overhead, profit etc.). All items are fixed-price and FOB Destination.

| ITEM | DESCRIPTION | UOM | QNTY | DELIVERY SCHEDULE (90 OR 180 DAYS) | UNIT PRICE | NET AMOUNT |
|-------------|---|-----|--------|---|---------------|------------|
| | <u>ENERGY METERS</u> | | | | | |
| 001A | Digital Energy Meters -1ph 10(40)A | EA | 40,000 | | | |
| 001B | Digital Energy Meters - 1ph 20(60)A | EA | 10,000 | | | |
| 001C | Digital Energy Meters - 3ph 10(40)A | EA | 60 | | | |
| 001D | Digital Energy Meters - 3ph 20(60)A | EA | 60 | | | |
| 001E | Digital Energy Meters - 3ph 50(100)A | EA | 60 | | | |
| 001F | Digital Energy Meters - 3ph 5A w/CTs 200/5 | EA | 60 | | | |
| 001G | Digital Energy Meters - 3ph 5A w/CTs 400/5 | EA | 60 | | | |
| 002 | Current Transformer 200/5A CT - 200/5A CT | EA | 60 | | | |
| 003 | Current Transformer - 400/5A CT | EA | 60 | | | |
| 004 | ZARA 300/310 - Test device | EA | 1 | | | |

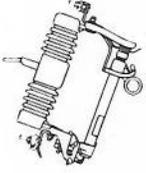
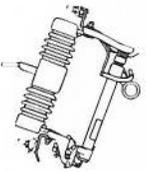
| | | | | | | |
|-------------|---|----|-----|--|--|--|
| 005 | DISCOS Boundary/Logger 3ph 20kv | EA | 6 | | | |
| 006 | Insulators | EA | 150 | | | |
| 007 | Poles - Concrete 12m | EA | 50 | | | |
| 008 | Weather Stations (T, RH, WD, BP) | EA | 3 | | | |
| | <u>LOW VOLTAGE LUGS</u> | | | | | |
| 016A | Low voltage terminal lugs - 10mm ² x 6, | EA | 500 | | | |
| 016B | Low voltage terminal lugs - 10mm ² x 10, | EA | 500 | | | |
| 016C | Low voltage terminal lugs - 16mm ² x 6, | EA | 500 | | | |
| 016D | Low voltage terminal lugs - 16mm ² x 10, | EA | 500 | | | |
| 016E | Low voltage terminal lugs - 25mm ² x 8, | EA | 500 | | | |
| 016F | Low voltage terminal lugs - 25mm ² x 12 | EA | 500 | | | |
| 016H | Low voltage terminal lugs - 50mm ² x 10, | EA | 500 | | | |
| 016I | Low voltage terminal lugs - 50mm ² x 14 | EA | 500 | | | |
| 016J | Low voltage terminal lugs - 95mm ² x 12, | EA | 500 | | | |
| 016K | Low voltage terminal lugs - 95mm ² x 16, | EA | 500 | | | |
| 016L | Low voltage terminal lugs - 150mm ² x 12, | EA | 500 | | | |
| 016M | Low voltage terminal lugs - 150mm ² x 16, | EA | 500 | | | |
| 017 | Automatic Splice - Aluminum automatic tension splice, ACSR | EA | 200 | | | |

| | | | | | | |
|--------------|---|----|-----|------------|------------|--|
| | 120/20 overall diameter 15.5mm | | | | | |
| 018 | Steel Cross arm - 6 ft steel arm | EA | 100 | | | |
| 019 | Metal Pole - 40ft steel pole, class 3 equivalent | EA | 250 | | | |
| 020 | Post Insulator - 20kv insulator | EA | 150 | | | |
| 021 | Insulator Pin - Stud assembly for insulator | EA | 150 | | | |
| 022 | Dead End Insulator - 20kv dead end insulator | EA | 50 | | | |
| 023 | Dead End Shoe - Aluminum wedge type tension clamp range to 120mm conductor(wire grip) | EA | 50 | | | |
| 024 | Fused Cutout - 100 amp fused cutout | EA | 25 | | | |
| 025 | Lightning Arrestor - 20kv lightning arrestor | EA | 10 | | | |
| 026 | Ground Rod - Copper ground rod(16mm x 1800mm) | EA | 25 | | | |
| 027 | Ground Rod Connector - 16mm copper ground rod clamp | EA | 25 | | | |
| 028 | Eye Nut - 16mm oval eye nut | EA | 50 | | | |
| 029 | Bolt - 16mm x 200mm | EA | 50 | | | |
| 030 | Aluminum #4 awg - Soft drawn tie wire 250 ft coil | EA | 2 | | | |
| 031 | Washer - 16mm square washer 75mm x 75mm x 8mm | EA | 100 | | | |
| 032 | Aluminum Conductor - 120/20 ACSR wire (KM) | EA | 120 | | | |
| TOTAL | | | | N/A | N/A | |

-- END OF SECTION --

(End of Summary of Changes)

S&C Type XS Fuse Cutouts

| COMPLETE UNITS | | | | | | | | | |
|---|--------------------|--------|-----|-----|--------------|---------------------|---|---|--|
| Style and Illustration | System Voltage, kV | Rating | | | | | Leakage Distance to Ground Minimum, Inches (mm) | Catalog Number with Porcelain Insulator (Less Mounting Bracket and Connectors)① | Page Reference for Dimensional Information |
| | | kV | | | Amperes, RMS | | | | |
| | | Nom. | Max | BIL | Cont. | Interrupting, Asym. | | | |
| Extra-Heavy-Duty Overhead—Pole-Top②  | 4.16 thru 14.4 | 14.4 | 15 | 110 | 100 | 10 000 | 8½ (216) | 89021R10 | 6 |
| | | 25 | 27 | 125 | 100 | 8 000 | 11 (279) | 89022R10 | 6 |
| | | | | 150 | 100 | 8 000 | 17 (432) | 89042R10 | 7 |
| | 16.5 thru 24.9 | 25 | 27 | 125 | 100 | 8 000 | 11 (279) | 89022R10 | 6 |
| | | | | 150 | 100 | 8 000 | 17 (432) | 89042R10 | 7 |
| 26.4 thru 34.5● | 25 | 27 | 150 | 100 | 8 000 | 17 (432) | 89042R10 | 7 | |
| Ultra-Heavy-Duty Overhead—Pole-Top③  | 4.16 thru 14.4 | 14.4 | 15 | 110 | 100 | 16 000 | 8½ (216) | 89031R10 | 8 |
| | | | | 110 | 200 | 12 000 | 8½ (216) | 89071R11 | 10 |
| | | 25 | 27 | 125 | 100 | 12 000 | 11 (279) | 89032R10 | 8 |
| | | | | 150 | 100 | 12 000 | 17 (432)◆ | 89052R10 | 9 |
| | 16.5 thru 24.9 | 25 | 27 | 125 | 100 | 12 000 | 11 (279) | 89032R10 | 8 |
| | | | | 125 | 200 | 10 000 | 11 (279) | 89072R11 | 10 |
| | | 25 | 27 | 150 | 100 | 12 000 | 17 (432)◆ | 89052R10 | 9 |
| | 150 | | | 200 | 10 000 | 17 (432) | 89092R11 | 11 | |
| | 26.4 thru 34.5● | 25 | 27 | 150 | 100 | 12 000 | 17 (432)◆ | 89052R10 | 9 |
| | | | | 150 | 100 | 12 000 | 17 (432)■ | 89033R10⓪ | — |
| | 26.4 thru 34.5▲ | 25 | 27 | 150 | 100 | 12 000 | 26 (660)■ | 89053R10■ | 9 |

① Specify mounting bracket, if desired, and connector option by adding suffix letter(s) to catalog number. For example, 89031R10-BD. See table on page 4.

② Uses either nonremovable or removable buttonhead fuse links.

③ Uses removable buttonhead fuse links only.

● Applicable for protection of single-phase-to-neutral circuits (lines or transformers) only, and grounded-wye connected capacitor banks in solidly grounded-neutral (multigrounded-neutral) systems—where the leakage distance to ground meets user's requirements.

▲ Applicable for protection of single-phase-to-neutral circuits (lines or transformers) only, and grounded-wye connected capacitor banks in solidly grounded-neutral (multigrounded-neutral) systems.

◆ Approximate fuse-tube length, top of fuse-tube cap to bottom of fuse tube: 14¾ inches (375 mm).

■ Approximate fuse-tube length, top of fuse-tube cap to bottom of fuse tube: 18¼ inches (464 mm).

⓪ Product discontinued.

■ Meets 170-kV BIL rating requirement of IEC Publication 282-2.

TABLE CONTINUED ►

ATTACHMENT 2 TO AMENDMENT 0003

| item no | part name | DongaBestech # |
|---------|-------------------------------------|----------------|
| 16A | Low voltage terminal lugs-10mm2 x6 | PPEO0101SR06 |
| 16B | Low voltage terminal lugs-10mm2x10 | PPEO0101SR10 |
| 16C | Low voltage terminal lugs-16mm2x6 | PPEO0102SR06 |
| 16D | Low voltage terminal lugs-16mm2x10 | PPEO0102SR10 |
| 16E | Low voltage terminal lugs-25mm2x8 | PPEO0103SR08 |
| 16F | Low voltage terminal lugs-25mm2x12 | PPEO0103SR12 |
| 16H | Low voltage terminal lugs-50mm2x10 | PPEO0105SR10 |
| 16I | Low voltage terminal lugs-50mm2x14 | PPEO0105SR12 |
| 16J | Low voltage terminal lugs-95mm2x12 | PPET0109LR12 |
| 16K | Low voltage terminal lugs-95mm2x16 | PPET0109LR16 |
| 16L | Low voltage terminal lugs-150mm2x12 | PPET0111LR12 |
| 16M | Low voltage terminal lugs-150mm2x16 | PPET0111LR16 |