

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 10
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 01-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) 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 type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. 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.				
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.) The purpose of this Amendment is to answer additional questions from industry, and to replace Section 01010 Scope Of Work, in its entirety.				
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)		31-May-2011

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

The following have been added by full text:

W5J9LE-11-R-0048, Amendment 0002:

The Quotation Due Date remains Tuesday, 14 June 2011, 1700 hours Local Time.

No further questions for this Solicitation will be accepted by the Government after Tuesday, 07 June 2011, 1700 hours Local Time.

Section 01010 Scope of Work is hereby replaced, in its entirety.

QUESTIONS/CLARIFICATIONS AND ANSWERS

Q25: READDRESSSED 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.

Q34: Shall you provide customs exemption?

A34: Offerors pricing should include all costs for procurement and delivery of all items. No customs exemption is provided.

Q35: We need either exact Dongabestech part numbers or complete descriptions for the Terminal Lugs, items 016A - 016M. Appendix E contains drawings, photos, and dimensions of multiple terminal lugs, without specifying which lug is requested. For example, p 84 shows drawings of both round and square-end lugs. Which is required? Please send exact requirements or part numbers for all lugs 016A - 016M.

A35: Round lugs are required.

Q36: Please provide us with the following documents needed for fulfillment of RFP Solicitation W5J9LE-11-T-0004:

- A. Ministry of Energy and Water, Rehabilitation and Extension of the Kabul City distribution Network, Chapter U, dated 01.2005.
- B. Aybek EPC Mobile Generator Step-UP Packaged Substation and 20Kv Distribution Network, Technical Specifications VI, Parts 1-5.
- C. All other needed specifications and documents referred to within the aforementioned documents

D. The reduced-size drawings referred to in Appendix C ("drawings of each type of pole are annexed to this Specification") for 007 Poles - Concrete 12m Per Specifications in appendix C, as well as the detailed drawings which can "be obtained from the respective Branch of the CEB."

E. Clarification of what type of insulators are referred to in item 006 "Insulators" 150

A36: See below

- A. Provided with Amendment 0001.
- B. This document is not available and/or does not exist.
- C. No additional documentation is available.
- D. This document is not available and/or does not exist.
- E. Remove Item 006 "Insulators".

Q37: I have another question in regards to the shipping terms. The RFQ states 'FOB Destination' but this does not correlate well to the international arena. We are looking at DDU - Delivered Duty Unpaid but this does not correlate neatly to FOB Destination.

Who is responsible for duties and other custom clearing expenses?

A37: Offerors pricing should include all costs for procurement and delivery of all items. No customs clearing expenses shall be provided by the Government.

Q38: This has reference to the subject solicitation for delivery of electrical equipment and materials for the Afghan Government. 2.2 Documents of Instructions to offerors section on page number 6 of 87 of solicitation document states:

The offeror shall submit the following along with the completed bid schedule:

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

Do we have to submit the above mentioned documents only or should also submit a complete copy of representation and certifications, past performance etc?

A38: Representation and Certifications and Past Performance information must also be submitted, in accordance with the Request for Quotation terms and conditions.

NOTE: The following general specifications information is hereby added to the Request For Quotation (RFQ): All MV components listed in this RFQ as "20KV" will have a Nominal system voltage rating of 20KV with a Maximum Operating voltage of 25KV.

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).

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

Manufacturer's cut sheets with photos, data sheets, and specifications shall be submitted with the offer. 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. All meters submitted must be from the manufacturer specified in Appendix A, or equal.

1.3 TECHNICAL STANDARDS

The following list of technical documents form a part of this contract in as far as they relate 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. The Government will provide electronic copies of these documents upon request of the contractor.

- 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

Approximate Grid Coordinates: 41RQQ6779097385 (CORRECTED)

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	Per Specification Sheet in Appendix E

	x 6,	
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	Ministry of Water and Power, Chapter U – Distribution Standards, dated January, 2005.

	conductor(wire grip)	
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

Items 004 thru 032, equipment and materials, need to be delivered as soon as possible, but no later than 180 days after contract award. The contractor shall not place order with the manufacturer for items 001 thru 003 until after item 004 has been delivered and used by DABS to perform acceptance tests on samples of items 001A and 001C. The Contractor will be notified of acceptance or rejection of the meters within 14 days of receipt (of item 004), and if to continue with purchase of additional meters.

6. LIST OF APPENDICES

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 --

(End of Summary of Changes)