

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1   8
2. AMENDMENT/MODIFICATION NO. <b>0003</b>	3. EFFECTIVE DATE 10-May-2009	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)
6. ISSUED BY AFGHANISTAN ENGINEER DISTRICT US ARMY CORPS OF ENGINEERS KABUL APO AE 09356	CODE W917PM	7. ADMINISTERED BY (If other than item 6) <b>See Item 6</b>		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. W917PM-09-R-0058	
		X	9B. DATED (SEE ITEM 11) 15-Apr-2009	
			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 provide contractors with the answers, where appropriate, to questions submitted by contractors, and to make minor changes to Section 01015 Technical Requirements. See the Summary of Changes page for details. The Proposal due date remains unchanged.				
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)		

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

## SECTION 00010 - SOLICITATION CONTRACT FORM

The following have been added by full text:

### CONTRACTOR QUESTIONS ANSWERED

#### SECTION 01015 TECHNICAL REQUIREMENTS

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##### 9.4.1.2 Medium Voltage Switchgear.

1. The three new feeder breakers are specified to be 2500 Amp vacuum type. Is it possible to use a breaker with a rating suitable for the actual powerplant output?

***Answer #1: There is an error in the solicitation, the feeder breakers need to be 1200 Amp, vacuum type. Amendment 0003 will change this in the Technical Requirements Section 01015***

2. What is the intent for each of the (3) 15 kV feeder breakers? Our understanding is (2) of the 15 kV feeder breakers would feed a primary loop system. Is the loop intended to be open or closed? Will the third 15 kV feeder breaker be dedicated to the inter-tie between the two power plants?

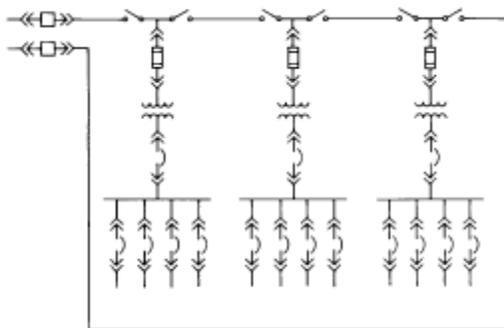


Figure 2-4—Primary loop system

***Answer #2: There shall be three 15kV feeders supplying power to the installation from the power plant. Each feeder shall have a breaker. The ends of the feeders shall be tied together with a switch so that they can be tied together.***

3. Neither the drawings nor Section 01015, Paragraph 10 (Communications) (pp. 255-259) address the number & type of telecommunications outlets required in each building. Please clarify the quantity & type of data in each building (e.g. 10 phones and 20 internet connections in building x, 3 phones, 2 internet, and one security connection in building y, etc.).

***Answer #3 See added paragraph 10.9.14 in Section 01015***

4. Neither the drawings nor Section 01015, Paragraph 10 (Communications) (pp. 255-259) address the telecommunications systems to be installed. Please clarify the systems: phone, internet, intranet(?), VHF/UHF (?), etc. to be installed

***Answer #4: The telecommunications systems will be installed by others later. This contract just requires the patch panels wires etc. that will be used for the communications system.***

5. Section 01010, Paragraph 4.8 (pp 170): "Power System must be operational by October 13, 2009." The due date is too aggressive due to fabrication timeline and shipping schedules for power generation and electrical distribution equipment. Would the Government extend the October 13 deadline to April 2010?

***Answer #5: If permanent power is not operational by October 13, 2009, then the contractor shall provide temporary power to the life support facilities as described in the Scope of Work.***

6. Pg 19, d. GENERAL INSTRUCTIONS, Paragraph states not to use fold-outs (e.g., 11" x 14" or 11" by 17" sheets) unless specifically authorized. Authorization is requested for use of 11" x 17" fold-out sheets for organizational chart and project schedule.

***Answer #6: 11x17 Fold-out sheets for Organizational Chart and project schedule will be acceptable.***

7. SOW 4.1.1.1 Under the Base Bid list of the solicitation, What is the difference between the two Non-Organic Wheeled Vehicle Maintenance Facilities labeled 4.31 and the single Non-Organic Wheeled Vehicle Maintenance Facility labeled 4.32?

***Answer #7: They are the same***

8. Section 1.13.2 and CLIN 0002AA. Is the QA office supplied by the contractor for government use priced under CLIN 0002AA?

***Answer #8: YES***

9. Section 1.20 What CLIN is the Training to be priced under?

***Answer #9: 0002AE for Mechanical and 0002AF for electrical***

10. Section 1.20 How many students are to be trained on 'Mechanical Systems' and Electrical 'Systems'?

***Answer #10: 10 Students per class for both Mechanical and Electrical Systems.***

11.

## SECTION 00800 - SPECIAL CONTRACT REQUIREMENTS

### PARAGRAPH 9.4.1.2 Medium Voltage (15 kV) Switchgear IS CHANGED TO:

The switchgear shall be dead-front type (i.e. no live parts shall be exposed) switchgear that consists of a Generator Bus and a Distribution Bus. **The distribution Bus shall be provided with three (3) 15 kV feeder circuit breakers. The new circuit breakers in the switchgear shall be 1200 A vacuum.** Concrete encased high voltage feeder cable duct-bank shall be providing from each breaker cubicles to outside manhole(s). Spare conduit shall be providing in each duct-bank. Conduits shall be PVC, minimum 100 mm (4 inch) in diameter. The existing switchgear is Cutler Hammer with Cutler Hammer 150 vcp, 500 W, 15kV, 1200 A 50 HZ breakers, ABB Micro-shield over-current, reverse power and under-voltage relays, Model 785 M AKE ITI 150:5 ratio CTs and Type JUM-5C, PRI-15000, 1200VA @ 30 degrees C PTs. The switchgear furnished must be compatible with the existing switchgear. Contractor is encouraged to offer solutions that will minimize the stocking of multiple sources of parts.

### PARAGRAPH 10.1.1 ADDED 2 ANSI/TIA SPECIFICATIONS AT END

#### 10.1.1. Applicable Specifications

The Publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by designation only.

United States Department of Agriculture, Rural Utilities Service  
 RUS Bulletin 1751F-643 (2002) Underground Plant Design  
 RUS Bulletin 1751F-644 (2002) Underground Plant Construction  
 RUS Bulletin 1753F-151 (2001) Construction of Underground Plant,  
 Parts II & III  
 RUS Bulletin 1753F-201 (1997) Acceptance Test and Measurements  
 Of Telecommunications Plant  
 RUS Bulletin 1753F-208 (1993) Specifications for Filled  
 Telephone Cables with Expanded  
 Insulation (PE-89)  
 RUS Bulletin 1753F-401 (1995) Standards for Splicing Copper  
 And Fiber Optic Cable (PC-2)  
 RUS Bulletin 1753F-601 (1994) Specifications for Filled  
 Fiber Optic Cables (PE-90)  
 RUS Bulletin 1753E-001 (1996) RUS General Specification for Digital, Stored Program  
 Controlled, Central Office Equipment, RUS Form 522.  
 RUS Publication IP 344-2 (2006) List of Materials Acceptable  
 For Use on Telecommunications Systems of RUS Borrowers.  
 RUS Bulletin 345-65 (1978) Shield Bonding Connectors (PE-33)  
 RUS Bulletin 345-83 (1982) REA Specification for Gas Tube  
 Surge Arrestors (PE-80)  
 RUS Bulletin 1753E-001 (1996) RUS General Specification for  
 Digital Stored Program Controlled Central  
 Office Equipment, (Form 522)  
 American National Standards Institute/Telecommunications Industry Association/Electronics Industry  
 Association  
 ANSI TIA/EIA 606-A (2002) Administration Standard for

The Telecommunications Infrastructure ANSI TIA/EIA 607-A (2002) Commercial Building Grounding (Earthing) and Bonding Requirements for Telecommunications

**ANSI TIA/EIA 568**

**ANSI TIA/EIA 569**

**ADDED PARAGRAPH 10.9.14**

10.9.14: Telephone/Data cabling distribution system for each building.

The Contractor shall provide two telephone/data boxes per bedroom, one box on each of the long interior walls. The Contractor shall provide two telephone/data boxes per workstation in open areas and three telephone/data boxes per office. One on each wall, on three walls. Conference rooms shall have two telephone/data boxes on each interior wall, three interior walls per conference room. Each box shall have dual RJ-45 outlets, one for telephone and one for data. Interior copper cable to each outlet shall be 4 pair, unshielded twisted pair (UTP), Category 5e or better. Each telephone/data junction box shall be fitted with two RJ-45 jacks (1-voice / 1-data). Two runs of Category 5e (UTP) or better data cable shall be installed from each junction box back to the patch panel in the communications room and labeled on both ends with room number and jack number. Termination configuration shall be EIA/TIA T568B. Two 103 mm empty conduits shall be provided from the communications room to the outside for the facilitate future telephone cabling installation into the building. Provide all empty conduits with a pull rope. Incoming telephone and data service is to be provided by others. Properly sized metallic conduit and cable tray shall be used as appropriate to distribute the telephone/data cabling throughout the building. Minimum conduit size shall be 20 mm inside diameter. Data/communications face plates shall be surface mounted to the wall.

-END OF SECTION-

(End of Summary of Changes)

**The Proposal Schedule has changes to the Contract Line Item (CLIN) Numbering System, please use the below Proposal Schedule:**

<b>BASE BID ITEMS</b>					
<b>CLIN</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
<b>0001</b>	<b>DESIGN PROGRAM</b>				
0001AA	SITE SURVEY / MASTER PLANNING A & E DESIGN	1	LS	XXXX	\$
0001AB	AS-BUILT DRAWINGS	1	LS	XXXX	\$ NTE \$20,000.00
<b>SUBTOTAL DESIGN PROGRAM: (INCLUDE NTE AMOUNT)</b>					\$
<b>0002</b>	<b>SITE DEVELOPMENTS &amp; IMPROVEMENTS</b>				
0002AA	MOBILIZATION, DEMOBILIZATION, FIELD OFFICE, AND GENERAL SITE				

	WORK	1	LS	XXXX	\$
0002AB	SECURITY MEASURES	1	LS	XXXX	\$
0002AC	WADI DIVERSION/ MITIGATION	1	LS	XXXX	\$
0002AD	POTABLE WATER SUPPLY SYSTEM	1	LS	XXXX	\$
0002AE	SANITARY SEWER AND TREATMENT SYSTEM	1	LS	XXXX	\$
0002AF	SITE ELECTRICAL DISTRIBUTION SYSTEM	1	EA	\$	\$
0002AG	PERIMETER WALL/FENCING	1	LS	XXXX	\$
0002AH	PRIMARY ECP	1	EA	\$	\$
0002AJ	GUARD TOWERS	5	EA	\$	\$
0002AK	ACCESS ROAD TO THE CAMP (GRAVELS FINISH)	1	LS	XXXX	\$
0002AL	CAMP INSIDE ROADS - (GRAVELS FINISH), AND WALKWAYS - (CONCRETE FINISH)	1	LS	XXXX	\$
0002AM	TRASH COLLECTION POINTS	7	EA	\$	\$
<b>SUB-TOTAL SITE DEVELOPMENTS / IMPROVEMENTS:</b>					\$
<b>CLIN</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
<b>0003</b>	<b>BUILDINGS &amp; BUILDING COMPLEXES:</b>				
0003AA	BOQ BARRACKS	3	EA	\$	\$
0003AB	ENLISTED OPEN BAY BARRACKS	6	EA	\$	\$
0003AC	DINING FACILITY & STORAGE YARD W/ FENCE	1	EA	\$	\$
0003AD	BATTALION HQS BUILDINGS	1	EA	\$	\$
0003AE	TOILET/SHOWER/ABLUTION/LAUNDRY FACILITY	1	EA	\$	\$
0003AF	VEHICLE REFUELING POINT	1	EA	\$	\$
0003AG	MOTOR POOL GRAVEL PARKING				

		1	LS	XXXX	\$
0003AH	CSB VEHICLE MAINTENANCE BUILDING - (9 DOUBLE BAYS)	1	EA	\$	\$
0003AJ	COMMUNICATION BUILDING	1	EA	\$	\$
0003AK	POL STORAGE	1	EA	\$	\$
0003AL	GENERAL WAREHOUSE STORAGE	1	EA	\$	\$
0003AM	ARMS STORAGE BUILDING	1	EA	\$	\$
0003AN	VEHICLE WASH RACK	1	LS	XXXX	\$
0003AP	NON-ORGANIC VEHICLE MAINTENANCE - (9 DOUBLE BAYS)	2	EA	\$	\$
0003AQ	GSE COMM. AND ARMAMENT MAINT	1	LS	XXXX	\$
0003AR	BUNKERS	8	EA	\$	\$
0003AS	SECURITY ADMINISTRATION BUILDING	1	EA	\$	\$
<b>SUB-TOTAL BUILDINGS &amp; BUILDING COMPLEXES:</b>					\$
<b>0004</b>	DBA INSURANCE	1	LS	XXXX	\$
<b>TOTAL BASE BID ITEMS: (INCLUDING NTE AMOUNT) CLINS 0001, 0002, 0003, 0004 (ALL SUB-CLINS)</b>					\$
<b>OPTIONAL BID ITEMS</b>					
<b>0005</b>					
0005AA	MWR GYM AND OUTSIDE VOLLEYBALL	1	LS	XXXX	\$
0005AB	NON-ORGANIC VEHICLE MAINT - (9 DOUBLE BAYS)	1	EA	\$	\$
0005AC	PAVE ACCESS ROAD TO THE CAMP	1	LS	XXXX	\$
0005AD	GENERAL WAREHOUSE STORAGE	1	EA	\$	\$
0005AE	PAVE ROADS INSIDE CAMP				

		1	LS	XXXX	\$
<b>TOTAL ALL OPTIONAL BID ITEMS:</b>					\$
<b>TOTAL PROPOSAL: (TOTAL OF ALL ABOVE COSTS – BASE AND ALL OPTIONS INCLUDING NTE)</b>					\$