

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE	PAGE OF PAGES 1 6	
2. AMENDMENT/MODIFICATION NO. 000004	3. EFFECTIVE DATE 08/25/2008	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) M&R	
6. ISSUED BY Broadcasting Board of Governors International Broadcasting Bureau Office of Contracts (M/CON) Room 4007, Switzer Building 330 C Street (SW) Washington DC 20237	CODE M/CON/CR	7. ADMINISTERED BY (If other than Item 6)		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		(X) 9A. AMENDMENT OF SOLICITATION NO. BBGCON3608S6728-KSH	9B. DATED (SEE ITEM 11) 06/20/2008	
		10A. MODIFICATION 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 Offers <input type="checkbox"/> is extended. <input checked="" type="checkbox"/> is not extended. 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 <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 ACKNOWLEDGEMENT 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 MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

<u>CHECK ONE</u>	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 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.)

The above numbered solicitation is amended as follows:

(a) THIS AMENDMENT NO. 4 INCLUDES ANSWERS TO QUESTIONS RECEIVED FROM POTENTIAL OFFERORS AND OTHER SPECIFIED CHANGES OR CORRECTIONS AS SPECIFIED HEREIN: In response to questions received on the subject solicitation, the following answers and clarifications are provided below.

Continued ...

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) Karen S. Harper	
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED

AMENDMENT NO. 4
BBGCON3608S6728-KSH
LOW VOLTAGE SWITCHBOARD REPLACEMENT PROJECT

(b) To make an additional change to Section B (page 3) to Optional Contract Line Items (CLINs). Alternate No. 3 has also been added to include unit pricing for Asbestos removal. Remove page 3 of the solicitation and replace with attached changed page 3, change will be highlighted.

(c) A revision was made to Attachment J.3 - "Pricing Worksheet" to include a place for separate pricing for Alternate No. 1, Alternate No. 2, and Alternate No. 3. Remove Attachment J.3 of the solicitation and replace with attached changed page.

(d) The following website is provided to access all solicitation documents:

https://www.fbo.gov/index?s=opportunity&mode=form&id=f5645caa4a58738c09e0bd90f04edcd6&tab=core&_cview=1

(e) All other terms and conditions remain unchanged.

SECTION 1 - OFFEROR QUESTIONS/BBG ANSWERS

Question No. 1: (a) IS THERE GOING TO BE A PRE BID MEETING SO QUESTIONS CAN BE ANSWERED AT THAT TIME?
(b) IF SO WHEN & WHERE?

Answer No. 1: (a) There was no pre bid meeting held. However, there were site visits scheduled and conducted. All questions submitted including questions as a result of the site visit are being answered in this Amendment No. 4.
(b) See answer (a) above.

Question No. 2: THE DRAWINGS INDICATE THAT SWITCHBOARD PART 1 & 2 ARE TO BE RE-FED FROM THE TWO EXISTING BUS DUCTS. WILL THE NEW BOARDS BE TIED IN WITH NEW BUS DUCT FITTINGS OR CABLED IN WITH WIRE?

Answer No. 2: The existing bus ducts are no longer manufactured or supported by GE. The entry into the new switchboard will have to transition from the existing bus duct to cabled in with wire unless the add alternate for new bus duct is implemented.

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Question No. 3: HOW IS PART 3 BEING FED? IT APPEARS ON THE NEW ONE LINE THAT IT IS BEING FED OFF A 100KVA TRANSFORMER BUT SHOWS NO CONDUIT OR WIRE SIZE AND IF IT IS TO BE FED BY NEW BUS DUCT IT DOES NOT SHOW THAT EITHER. PLEASE VERIFY.

Answer No. 3: Part 3 is fed from the 100kva transformers by an underground conduit that turns up into the bottom of the switchboard. The existing cable will be used but may require modification to land on the new main breaker.

Question No. 4: THE INSTRUCTIONS INDICATE THAT THIS WORK WILL BE DONE IN PHASES SPECIFICALLY 1,2 & 3. DOES THAT MEAN PHASE ONE WILL BE SHUT DOWN AND PHASE 2 & 3 WILL OPERATE WITH NUMBER ONE LOAD? OR WILL WE HAVE TO FURNISH A GENERATOR TO CARRY THAT LOAD UNTIL NUMBER ONE IS BACK ON LINE? AND SO ON WITH 2 & 3.

Answer No. 4: Temporary power will be required for essential systems during the replacement of each switchboard, either by generator or temporary switchboard.

Question No. 5: NEW SWITCHBOARD DRAWINGS E-601 SHOW SIEMENS GEAR. IS THAT THE ONLY MANUFACTURE YOU WILL ACCEPT?

Answer No. 5: Any manufacturer that meets the requirements of the specifications is acceptable.

Question No. 6: IS THIS A PROJECT WHEN EACH PHASE IS DOWN WE WILL HAVE TO WORK 24 HOURS AROUND THE CLOCK UNTIL IT IS BACK UP AND ON LINE?

Answer No. 6: The project phasing is executed by an approved outage schedule as required per the specifications. Duration of the installation is based on the time required with each phase and temporary power available to the essential systems.

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Question No. 7: ON SHEET ED-601 IT SHOWS THE EXISTING SWITCHBOARD PART # 1 BEING FED WITH A 2000A/230V/3 WIRE BUSS DUCT. NOTES SAY USE AS MUCH OF THE EXISTING BUSS DUCT AS POSSIBLE TO REFEED THE NEW PART #1 SWITCHBOARD, BUT ON SHEET E- 501 IT SHOWS THE NEW SWITCHBOARD PART #1 BEING FED WITH 120/208V/3P/4WIRE. WHICH ONE IS CORRECT? IS THE BUSS DUCT A 3 PHASE 4 WIRE OR 3 PHASE 3 WIRE DUCT?

Answer No. 7: The existing 2000 amp switchboard is a GE DR SWBD 57708, 3-phase, 3-wire.

Question No. 8: IS THE EXISTING BUSS DUCT GOING TO BE REUSED TO REFEED THE PART #1 SWITCHBOARD?

Answer No. 8: The existing bus ducts are no longer manufactured or supported by GE. The entry into the new switchboard will have to transition from the existing bus duct to cabled in with wire unless the add alternate for new bus duct is implemented.

Question No. 9: DRAWING E-501 EXISTING SINGLE LINE DIAGRAM INDICATES THAT SWITCHBOARD PART #3 IS BEING FED FROM 100KVA TRANSFORMER AND NEW SINGLE LINE DIAGRAM INDICATES THE SAME THING HOWEVER THERE IS NOWHERE ON ANY OF THE DRAWINGS SHOWING THE SIZE FEEDER FEEDING THIS PART #3 SWITCHBOARD. CAN WE ASSUME THAT THE FEEDER IS THERE TO BE REUSED?

Answer No. 9: Part 3 is fed from the 100kva transformers by an underground conduit that turns up into the bottom of the switchboard. The existing cable will be used but may require modification to land on the new main breaker.

Question No. 10: INSTRUCTIONS INDICATE THAT THIS WORK WILL BE DONE IN PHASES SPECIFICALLY 1,2 & 3. DOES THIS MEAN WE CAN SHUT DOWN ONE PHASE AT A TIME AND BRING BACK ON LINE? THEN SHUT #2 DOWN AND BRING BACK ON? AND THEN #3? OR WILL WE HAVE TO KEEP THEM ONLINE AS WE CHANGE EACH ONE OUT?

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- Answer No. 10: Temporary power will be required for essential systems during the replacement of each switchboard, either by generator or temporary switchboard.
- Question No. 11: ONCE SHUT DOWN WILL WE HAVE TO WORK 24-7 TO BRING BACK ON LINE?
- Answer No. 11: The project phasing is executed by an approved outage schedule as required per the specifications. Duration of the installation is based on the time required with each phase and temporary power available to the essential systems.
- Question No. 12: SHEET E-601 SHOWS SIEMENS GEAR. WILL SIEMENS BE THE ONLY ONE ACCEPTED?
- Answer No. 12: Any manufacturer that meets the requirements of the specifications is acceptable.
- Question No. 13: WHEN WILL THIS WORK BEGIN?
- Answer No. 13: See Section F.2 – Work under the resultant contract will begin within ten (10) calendar days after the date the Contractor receives the Notice-To-Proceed.
- Question No. 14: The Specs call for matching the existing monitoring system software. The existing LV switchboard does not have monitoring software. Are we providing a standalone system?
- Answer No. 14: No, you are not providing a standalone system. A new monitoring software will be installed under a current project. The software is Enervista Energy Aggregator manufactured by General Electric.
- Question No. 15: There are loads in the LV switchboard. Can IBB identify the critical loads? Can the critical loads be connected to the Part 1 or part 2 of the new switchboard or do we need to provide a generator? If we need to provide a generator we will need the KW load to properly size the generator.

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Answer No. 15: The contractor is required to provide temporary power either by generator or temporary switchboard during the replacement of each switchboard. All loads are considered critical in order to maintain our broadcasting mission; therefore the need for project phasing by an approved outage schedule to be submitted by the contractor.

SECTION 2 – ADDITIONS/CHANGES

Change No. 1: Three additional line items are included on the revised Attachment J.3 “Pricing Worksheet” for the pricing of each alternate as specified below.

Alternate No. 1:

1. Disconnect and remove existing 2000A Busduct
2. Furnish and install new 2000A Busduct (runs, fittings, and drops)

Alternate No. 2:

1. Disconnect and remove existing 1600A Busduct
2. Furnish and install new 1600A Busduct (runs, fittings, and drops)

Alternate No. 3: Asbestos removal per 15 square feet tile area on a unit pricing basis.

PART I - THE SCHEDULE

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

CLIN DESCRIPTION

B.1 The Contractor shall provide all necessary labor, equipment, tools, materials supplies, services, permits, supervision, and all other required items necessary for the construction, erection, installations, connection, testing and adjustment of all circuit and electrical equipment to replace the low voltage switchboards at Site B, IBB's Greenville Transmitting Station in accordance with Sections C and J, of this Solicitation document, and any resulting contract at the firm-fixed-price (FFP) shown below. Provide a price breakdown of your firm fixed price on Attachment J.3 - "Pricing Worksheet"

FIRM FIXED \$ _____

B.2 OPTIONAL CONTRACT LINE ITEMS (CLINs) – See Attachment - Section 012300 - Part 3.1 Schedule of Alternates for detail:

A. Alternate No. 1 – Remove existing 208/120-volt feeder bus from Part 1 Switchboard back to transformers complete. Install new 2000 amp feeder bus from transformers to Part 1 Switchboard. Include all support hardware, penetrations, and connections to existing transformers and new switchboard. Reference specification section 262500, Enclosed Bus Assemblies. Provide a price breakdown of your firm fixed price on Attachment J.3 - "Pricing Worksheet"

FIRM FIXED \$ _____

B. Alternate No. 2 - Remove existing 208/120-volt feeder bus from Part 2 Switchboard back to transformers complete. Install new 1600 amp feeder bus from transformers to Part 2 Switchboard. Include all support hardware, penetrations, and connections to existing transformers and new switchboard. Reference specification section 262500, Enclosed Bus Assemblies. Provide a price breakdown of your firm fixed price on Attachment J.3 - "Pricing Worksheet"

FIRM FIXED \$ _____

C. Alternate No. 3 - Asbestos removal per 15 square feet tile area.

UNIT PRICE \$ _____

Project: Low Voltage Switchboards Replacement
 Greenville Site B, NC
 BBGCON3608S6728-KSH

<u>Item or Requirement</u>	<u>Quantity</u>	<u>Unit Measure</u>	<u>Unit Rate</u>	<u>Subtotal</u>
General conditions				
Selective demolition of floor and trench				
Disconnect existing overhead busduct				
Disconnect existing switchgear				
Remove existing distribution switchboards				
Remove existing UPS and battery pack				
<u>New Work:</u>				
Switchboard No. 1, complete				
Switchboard No. 2, complete				
Switchboard No. 3, complete				
Butt splice connections where required				
Digital Panel Meters				
Meger Testing				
Repair concrete floor and trench				
Temporary lock outs and signage				
Temporary work and phasing costs				
Commissioning and Owner Training				
Overhead and Profit				
			<u>Subtotal</u>	
<u>Alternate No.1</u>				
Disconnect and remove existing 2000 A busduct				
Furnish and install 2000 A Busduct (runs, fittings & drops)				
			<u>Subtotal</u>	
<u>Alternate No.2</u>				
Disconnect and remove existing 1600 A busduct				
Furnish and install 1600 A Busduct (runs, fittings, & drops)				
			<u>Subtotal</u>	
<u>Alternate No.3</u>				
Asbestos removal per 15 square feet tile area				
			<u>Total</u>	