

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 6
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 18-Jun-2004	4. REQUISITION/PURCHASE REQ. NO. W38XDD-4033-8518		5. PROJECT NO.(If applicable)
6. ISSUED BY US ARMY CORPS OF ENG.-NASHVILLE- W912P5 CELRN-CT, ROOM A604 110 NINTH AVE. SOUTH P O BOX 1070 NASHVILLE TN 37202-1070	CODE W912P5	7. ADMINISTERED BY (If other than item 6) CONTRACTING DIVISION (JWA) EMAIL: JOHN.W.ANDERS@USACE.ARMY.MIL TEL:615-736-7912 FAX:615-736-7124 NASHVILLE TN 37202-1070		CODE H3P0000
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. W912P5-04-R-0013	
		X	9B. DATED (SEE ITEM 11) 24-May-2004	
			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. 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 _____ 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.) SEE CONTINUATION SHEET				
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)		18-Jun-2004

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION SF 30 - BLOCK 14 CONTINUATION PAGE

The following have been added by full text:

AMENDMENT**A. The solicitation is hereby amended to incorporate the following changes and clarifications.**

1. The Date for submission of proposals for this project is hereby extended to July 16 2004. The location and due time for the submission of proposals remains unchanged.
2. Delete Clause 52.225-9 and 52.225-10 and replaced with Clauses 52.225-11 and 52.225-12.
3. In clause 52,225-11 Buy American Act-Construction Materials Under Trade Agreements paragraph (b) (3) the clause shall now read as follows: The requirement in paragraph (b) (2) of this clause does not apply to the construction materials or components listed by the Government as follows: hydro generator construction material manufactured or supplied by Canada and Brazil.
4. Section 15991, Paragraph 3.1.1. Delete the first and second sentences of paragraph 3.1.1 in their entirety and replace with the following revised sentences: "The Contractor shall be responsible for disassembly of the generator, including removal of the rotor. All investigations, inspections and required submittal measurement data shall be coordinated with and witnessed by the Government, and required notice shall be given prior to disassembly."
5. Section 16210, Paragraph 2.4.4.1 General. Delete the next to last sentence of paragraph 2.4.4.1 in its entirety and replace with the following revised sentence: "All mica tapes shall be constructed with a glass fabric, polyester fabric or paper backing material."
6. The following changes are made to Section 00010, Solicitation Contract Form:
 - a. Items no. 0003 and 0014 shall not exceed \$10,000.00 each.
 - b. Item no. 0009: Change "Install Stator Coil, Unit 4" to "Install Stator Core, Unit 4"
 - c. Item no. 0019: Change "Install Stator Coil, Unit 6" to "Install Stator Core, Unit 6"
7. The Bid Bond shall be submitted with the proposal package. It is a stand-alone document. All Bonding requirements remain unchanged.

B: The following supplemental information has been placed in the EBS website:

- a. Wolf Creek Generator Test Report (Report of Test RT 166457.pdf)
- b. Photos, air gap measurements and miscellaneous details (Wolf Creek misc details.pdf)

C: Clarification and answers to questions that were submitted:

1. Does USACE plan to replace the generator excitation system? If yes, What will be its new rating?

(1) Answer: Replacement of the exciters will eventually be necessary. Details of the design such as rating will be determined at that time.

2. Does USACE plan to replace the turbine runner? In either case, will There is a change in the hydraulic thrust and the runaway speed?

(2) Answer: Replacement of the turbines will eventually be necessary. Details of the design such as thrust and runaway speed will be addressed at that time.

3. Does USACE have an available generator uprate study?

(3) Answer: General Power Engineering Associates performed an uprate potential study on these generators. The study is considered proprietary to GPEA and cannot be released to the public.

4. Copies of special field test reports made at the commissioning of the generators. We are looking for:
Performance data of the generator coolers. They would probably have to be replaced since the generator cold air is already at 40°C.

Generator heat run test report.

Air gap readings.

Generator characteristic curves (Saturation, air gap and short-circuit curves, capability curves, Vee curves)

Performance data of the upper guide bearing and the combined thrust and lower guide bearings.

(4) Answer: Bidders will have access to the original generator test report (Report of Test RT-169549, the original GE test report). The report will be placed on the EBS website.

5. Additional Drawings:

Drawings showing dimensions of the generator shaft, rotor spider, rotor rim lamination, field pole, stator frame and stator frame sole plates.

Stator cross-section drawing showing dimensions of air gap, stator bore diameter and stator core outside diameter.

If there will be a change in the hydraulic thrust or the run-away speed:

Drawings showing dimensions of the generator upper bracket and upper guide bearing.

Drawings showing dimensions of the generator combined thrust and lower guide bearings and generator lower bracket.

(5) Answer: All known pertinent drawings have been made available on the EBS website.

6. Is there any asbestos in the generator? Can the USACE provide certified test results?

(6) Answer: There is no known asbestos to be encountered in the generator under this scope of work.

(6) Answer: A copy of the asbestos survey for Wolf Creek powerplant will be made available to the successful bidder for review prior to beginning work.

7. Items 0009 and 0019 of the Bid Schedule Section 00010 reference the installation of the stator "COIL". This should be changed to the installation of the stator "CORE".

(7) Answer: Will be addressed in amendment.

(8) Can the USACE specify its required Warranty?

Answer: Warranty of Construction is specified in Section 00700 CONTRACT CLAUSES, Clause 52.246-21 WARRANTY OF CONSTRUCTION (MAR 1994).

(9) Can the USACE confirm the presence of Asbestos, its type, quantity and location within the generator?

(9) Answer: There is no known asbestos to be encountered in the generator under this scope of work. A copy of the asbestos survey for Wolf Creek powerplant will be made available to the successful bidder for review prior to beginning work.

(10) Who will be responsible for its removal?

(10) Answer: Section 01525 Paragraph 3.1.3 covers procedures for encountering unforeseen hazardous materials.

(11) Can the USACE confirm the presence of lead paint on the generator frame?

(11) Answer: There is no known lead based paint on the generator frame.

(12) Section 15991, Paragraph 3.1.1 states the rotor is removed by others, please clarify?

(12) Answer: Section 15991, Paragraph 3.1.1 will be clarified by amendment.

(13) Section 15991, Paragraph 3.1.2.2 Asks for shaft plumbness, straightness etc. This cannot be accomplished without re-assembling the generator. Will these measurements / checks be taken by the USACE prior to rotor removal?

(13) Answer: The Contractor is responsible for disassembly of the generator, including removal of the rotor. This will be clarified by amendment.

(14) Will the USACE be providing the heavy lifting slings (Dwg. # T 8255575) for contractor use?

(14) Answer: USACE will not provide heavy lifting slings.

(15) Will the USACE accept a final DC acceptance test?

(15) Answer: Final acceptance tests on the winding involve DC and AC testing. DC testing will not be accepted in lieu of AC.

(16) Can the USACE confirm the availability of a winding floor at site?

(16) Answer: Contractor will be allowed to use the area adjacent to the unit as a "winding floor". The area will require protection, cleaning, etc. as required in Section 01010.

(17) Can the USACE confirm the overhead crane and the required lifting devices will be certified?

(17) Answer: The USACE will have completed all load tests and required certifications prior to disassembly of Unit 4.

(18) Can the USACE confirm the re-grouting of the soleplates? Upon inspection during the site visit they were found to be in good condition, Please clarify?

(18) Answer: Re-grouting will remain a requirement of this contract.

(19) QCS Software Training – Can the USACE provide the location, duration and cost for this training?

(19) Answer: There is no requirement for QCS software training. Instructions in the use of QCS software is available for downloading from the Government RMS Website (as specified in Section 01312, Paragraph 1.4.1.) However, there is a requirement for the CQC System Manager to complete a CQC training course (as specified in Section 01451, Paragraph 3.2.3; and referenced in Section 01312, Paragraph 1.4.2.) This training will be coordinated with the successful contractor after award. Its location, duration and costs cannot be determined at this time cannot be determined at this time.

(20) Section 16210 Paragraph 1.4.3 provides portions of a Test Report. Please supply the complete report.

(20) Answer: Bidders will have access to the original generator test report (Report of Test RT-169549, the original GE test report). The report will be placed on the EBS website.

(21) 16210 section 3.2.1, Failure outside the conductive slot paint and gradient paint...., can this read ... slot paint or gradient paint.

(21) Answer: Requirements will remain as specified.

(22) 16210 section 3.11, this section requires application of weeping epoxy before installing coils. It is our recommendation that weeping epoxy application occur after the winding is installed and before painting the unit. This will prevent the possibility of weeping epoxy interfering with the grounding of the conductive coil coating.

(22) Answer: Requirements will remain as specified.

(23) 16210 section 3.12, Application of conductive varnish, please specify the method for measuring slot resistance without coil installed.

(23) Answer: Suggest using a test block or other suitable device in lieu of coil in the slot.

(24) 16210 section 3.13.7, All bolted joints are to use Belleville spring washers with silicon bronze fasteners. We recommend the use of Belleville spring type washers with steel fasteners or silicon bronze fasteners with flat washers.

(24) Answer: Requirements will remain as specified.

(25) 16210 section 3.25.2.4, Ozone measurement, is background ozone level to be added to the 0.1 ppm threshold?

(25) Answer: Ozone level threshold of 0.1 ppm does not include background ozone level.

(26) 16210 section 3.25.3, The USACE has requested a sudden 3 phase short circuit test? Please clarify why the USACE would subject a 50-year-old unit to high mechanical stresses of this type?

Answer: Requirements will remain as specified.

-----LAST ITEM-----
(End of Summary of Changes)