

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>			1. CONTRACT ID CODE	PAGE OF PAGES 1 4
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 06/03/99	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY Department of the Army Memphis District, Corps of Engineers 167 North Main Street, Room B202 ATTN: CEMVM-CT Memphis, TN 38103-1894	CODE W38XGR	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. DACW66-99-B-0012	
		X	9B. DATED (SEE ITEM 11) 04/30/99	
			10A. MODIFICATION OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers  is extended,  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 1 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 APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

(X)	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, 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.)

This solicitation for Below Commerce Relief Wells, Parcel 2, Scott and Mississippi Counties, Missouri, Mississippi River Levees - Construction, scheduled to open 03 JUN 99 at 2:40 pm, is amended as follows:

1. THIS AMENDMENT CONFIRMS TELEPHONE NOTIFICATION ON OR ABOUT 1 JUNE 1999 OF RESCHEDULING OF BID OPENING DATE.

2. SECTION 00010, page 1, SOLICITATION, OFFER, AND AWARD (Standard Form 1442) - The hour and date for opening bids are rescheduled as 2:30 p.m. 15 June 1999, Local Time at place of bid opening.

(CONTINUED ON NEXT PAGE)

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 SIGNER (Type or print)	
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY  (Signature of Contracting Officer)	16C. DATE SIGNED

3. Section 01025, Page 3, Paragraph 1.4.2 (1) a, In lines 2 and 3, delete “the elevation three feet below”.
4. Section 01025, Page 4, Paragraph 1.4.2, add “(3)” before subparagraph “Guard Posts”. Renumber paragraphs “(3)” through “(5)” as “(4)” through “(6)”.
5. Section 01025, Page 5, Paragraph 1.4.2 (5) b, line 4, delete “Concrete pads,”.
6. Section 02542, Page 3, Paragraph 3.2.1, line 2, change “2.2” to “2.1”.
7. Section 02708, Page 2, Paragraph 1.3, Add the following references to American Society for Testing and Materials (ASTM):

“C 33-93	Concrete Aggregates
D 297-93	Rubber Products-Chemical Analysis
D412-97	Vulcanized Rubber and Thermoplastic Rubbers And Thermoplastic Elastomers-Tension
D 1056-91	Flexible Cellular Materials-Sponge or Expanded Rubber”

8. Section 02708, Page 7, Paragraph 3.1.8.3.1 Aluminum Check Valve, In lines 6 and 7, change “neoprene” to “silicone sponge rubber”. Delete the sixth sentence beginning in line 8 and replace with the following:

“The silicone sponge rubber gasket shall have a thickness of 3/8 inch; shall be free of porous areas, foreign materials, and visible defects; and shall meet the following requirements:

<u>Physical Tests</u>	<u>Test Value</u>	<u>ASTM Test Method</u>
Density	0.017pci (Minimum)	D297 Hydrostatic Method
Tensile Strength	75psi (Minimum)	D412
Elongation at Break	5 percent (Maximum)	D412
Compression Deflection (Compressed 25% at room Temperature)	6 to 14 psi	D1056
Compression Set (Compressed 50% for 22 hours at 212 degrees F)	5 percent (Maximum)	D1056”

9. Section 02708, Page 8, Paragraph 3.1.9.4 Pilot Hole Borings, Delete the first 9 sentences ending in line 11 and replace with the following:

“Prior to drilling the relief wells, the Contractor shall drill a pilot hole at each well location indicated on the drawings and at any additional locations determined necessary by the Contracting Officer. Pilot holes may be drilled by any method approved by the Contracting Officer which will allow the recovery of samples as described below. The pilot holes shall be located within 5 feet of the well locations. Drilling fluid additives shall be as discussed in 3.1.9.1 above. The bottom elevation of the pilot holes shall be 10 feet below the elevation of the bottom of the well screen as indicated on the drawings, as applicable to each well location. Pilot holes shall be continuously drilled to an elevation 10 feet less than the approximate riser pipe lengths shown in the Relief Well Location Table on Drawing No.2 from the ground surface. Sampling will begin at this elevation unless sand is encountered during the continuous drilling of the hole. If sand is encountered, then sampling will begin at the clay/sand interface. Samples shall be taken at 2-1/2 foot intervals or change of strata, whichever occurs first for the next 40-feet of each pilot hole. After 40 feet of sampling, the sampling interval will change to every 5-feet for the remainder of the hole. Samples shall be obtained with a standard split spoon sampler, (inside diameter of 1-3/8 inch), and shall be driven by any method approved by the Contracting Officer to obtain samples 18 inches in length. Blow counts will not be required. Samples may be removed less than 18 inches in length if the total blow counts for the sample reaches 180. If samples are removed before reaching 18 inches in length due to the maximum blow count per sample, then the blow counts will be required and documented by the driller. Beginning with the first non-cohesive sample, all samples shall be washed in accordance with ASTM C 117 and shall undergo a sieve analysis test in conformance with ASTM C 136.”

10. Section 02708, Page 11, Paragraph 3.1.12.2 Surge Block, In line 5, change “1-1/2-to 2-1/2” to “3-1/2 to 4”.

11. Section 02708, Page 12, Paragraph 3.1.12.3 Development, In the sixteenth line from the bottom, change “of 50-100” to “up to 500”.

12. Section 02708, Page 12, Paragraph 3.1.12.4 chemicals, In line 5, delete “a glassy polyphosphate (example: trisodium phosphate or TSP) in the amount of 5 lbs” and replace with “Calcium hypochlorite (example: HTH) with a minimum of 70 percent available Chlorine in the amount of 1 pound”.

13. Section 02708, Page 13, Paragraph 3.1.12.4 Chemicals, delete the second complete sentence. In line 6, delete “by the method described above for two hours”.

14. Section 02708, Page 13, Paragraph 3.1.13, In line 2, replace “Ottawa Sand” with “fine aggregate conforming to gradation of ASTM C33, paragraph 6.1” NOTE: Any other reference to “Ottawa Sand” in these specifications or drawings shall be replaced with the aforementioned “fine aggregate”.
15. Drawing No. 6, RELIEF WELL DETAIL, Change well screen slot size from “0.10” to “.05 inch”. Change well screen length from “50’ - 65’ ” to “50’ ”.
16. Drawing No. 6, DETAIL OF CONCRETE PAD, #5 Rebars shall comply with requirements of ASTM A 615, deformed, Grade 60.
17. Drawing No. 6, ALUMINUM CHECK VALVE DETAIL, Change “1/4” THICK NEOPRENE GASKET” to “3/8” SILICONE SPONGE RUBBER GASKET”.
18. NOTE: NEW OR REVISED DRAWINGS WILL NOT BE ISSUED AS A RESULT OF THIS AMENDMENT. MAKE PEN AND INK CHANGES AS NECESSARY.