

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES	
				J	1	2
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 15-May-2003	4. REQUISITION/PURCHASE REQ. NO. W807PM-3107-5290		5. PROJECT NO.(If applicable)	
6. ISSUED BY VBURG CONSOL CONTRACTING OFC 4155 CLAY ST VICKSBURG MS 39183-3435		CODE DACW38	7. ADMINISTERED BY (If other than item 6) <b>See Item 6</b>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X	9A. AMENDMENT OF SOLICITATION NO. DACW38-03-T-0060	
				X	9B. DATED (SEE ITEM 11) 02-May-2003	
					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 <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.) Reference Request For Quotations (RFQ) No. DACW38-03-T-0060 for Furnishing and Delivery of Crushed Stone and Riprap. Subject RFQ is amended as follows:  Effective this date, RFQ has been extended through 22 May 2003, 4:45 p.m.  (Continued on page 2)						
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)		15-May-2003	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

Page 4 of 14, has been replaced by revised Page 4 of 14. Paragraph 4. DELIVERY SEQUENCE AND RATE has been revised.

Pages 9 of 34 and Page 10 of 34 have been replaced by revised Pages 9 of 34 and Page 10 of 34. Part 3 Execution, paragraph 3.1 DELIVERY AND STOCKPILE has been deleted.

Pages revised by this amendment have astericks in the margins before and after changes to previous issue.

Attachments

Page 4 of 14

Pages 9 of 34 and Page 10 of 34

(End of Summary of Changes)

**ARKABUTLA LAKE  
EMERGENCY SPILLWAY  
WEIR REPAIR**

**Specifications  
For  
Furnish and Delivery  
Of  
Stone Protection**

**1. GENERAL**

The Contractor shall provide all plant, labor, equipment, materials and supplies necessary to furnish and deliver the following:

Bedding Stone #1 – crushed Stone	4,000 tons +/- 15%
Riprap “R90”	5,500 tons +/- 15%
Riprap “R400”	9,100 tons +/- 15%
Riprap “R1000”	20,400 tons +/-15%

The Contractor shall deliver the stone protection by barge, rail, and truck to Desoto County, Mississippi, Arkabutla Lake approximately 10 miles east of Hernando, MS.

**2. STONE PROTECTION**

All stone protection shall meet the requirements of the attached specifications.

**3. MEASUREMENT AND PAYMENT**

Measurement and payment for all stone protection delivered to the site will be made in accordance with the attached specifications.

**\* 4. DELIVERY SEQUENCE AND RATE**

<u>STONE PROTECTION</u>	<u>QUANTITY</u>	<u>DELIVERY SEQUENCE</u>
Bedding Stone #1 – crushed Stone	4,000 tons	1
Riprap “R90”	5,500 tons	2
Riprap “R1000”	20,400 tons	3
Riprap “R400”	9,100 tons	4

All stone shall be delivered at rate not less than 1,500 tons per day. The Contractor shall deliver all stone to the construction site for either immediate use or storage in a stockpile area near the construction site. The Contractor shall coordinate with the government’s on site representative for daily dumping directions. The Government will have a stockpile area prepared and established for each type of material and will furnish the manpower and equipment necessary to tend these stockpiles throughout delivery of the stone.

**5. WEIGHT LIMITS**

Vehicle weight limitation for operation on rural roads and bridges may affect the prosecution of work in this contract. The Contractor will be responsible for obtaining all necessary licenses and permits, and for complying with any

**TABLE III  
(FOR RIPRAP "R1000")**

PERCENT LIGHTER BY WEIGHT (SSD)	LIMITS OF STONE WEIGHT, LB.
100	1000 - 400
50	430 - 200
15	210 - 60

**2.2.2 Quarry Operations**

Quarry operations shall be conducted by the Contractor in a manner that shall produce stone conforming to the requirements specified and may involve selective quarrying, handling, processing, blending, and loading as necessary. Blasting and handling of rock shall be controlled by the Contractor to produce rock of the size ranges and quality specified. Techniques such as the use of proper hole diameter, hole depth, hole angle, burden and spacing distances, types and distribution of explosives, delay intervals and sequence, removal of muck piles between each shot, and special handling techniques are required as necessary to produce the specified materials. All aspects of blasting operations shall be specifically designed so that the end product is not damaged from the blasting technique and that the stone is suitable for the intended purpose.

**2.2.3 Gradation Test**

The Contractor shall perform a gradation test or tests on the riprap at the quarry in accordance with paragraph STANDARD TEST METHOD FOR GRADATION OF RIPRAP AND GRADED STONE. The sample shall be taken by the Contractor in the presence of the Government Representative. The Contractor shall notify the Government Representative not less than 3 days in advance of each test. In the event of unavailability of a Government Representative; the Contractor shall perform the tests and certify to the Government Representative that the riprap shipped complies with the specifications. At least one gradation test shall be performed for each size of riprap delivered. The gradation tests shall be reported using the forms, GRADATION TEST DATA SHEET and ENG FORM 4794-R, attached at end of this section. The Contractor shall designate on the test form that portion in tons of the lot tested which is applicable to this contract. Any deviation from the reported tonnage shall be corrected and recorded on a revised GRADATION TEST DATA SHEET. The sample shall consist of not less than 15 tons of R90, 15 tons of R400, and 25 tons of R1000 riprap, and shall be collected in a random manner which will provide a sample which accurately reflects the actual gradation arriving at the jobsite. Failure of the test on the initial sample and on an additional sample will be considered cause for rejection of the quarry and/or quarry process, and all riprap represented by the failed tests shall be set aside and not incorporated into the work. Any additional tests required because of the failure of an initial test sample will not be considered as one of the other required tests. If collected by the truckload, each truckload shall be representative of the gradation requirements. The Government Representative may direct additional testing of the riprap at the project site if the riprap appears by visual inspection, to be out of gradation. The Contractor shall provide all necessary screens, scales and other equipment, the operating personnel, and shall grade the sample. Certification and test results shall represent riprap shipped from the quarry. Certification and tests results must be received by the Government Representative before the riprap is delivered.

**\* PART 3 EXECUTION**

**3.1 DELIVERY AND STOCKPILE**

Riprap and bedding stone shall be delivered to the work site and placed in a container suitable for storing the materials without waste, ~~or~~ sand-clay-gravel or crushed stone pad may be constructed for the storage area. If the sand-clay-gravel or crushed stone pad method is used, the pad shall have a minimum thickness of 6 inches. The

**DELETE**

\*

- \* container or sand-clay-gravel or crushed stone pavement method shall be subject to approval prior to delivery of the riprap. The Contractor's jobsite stockpile shall be a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed. Subsequent layers shall be started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers. The first layer shall be a maximum of 6 feet high. Any material which has become contaminated with soil, dirt, or refuse after being stockpiled, will be removed from the stockpile and rejected. \*

### 3.2 TESTS

#### 3.2.1 General

The Contractor shall perform gradation tests to assure compliance with contract requirements and shall maintain detailed records.

#### 3.2.2 Reporting

Reporting shall be in accordance with paragraph GRADATION TEST.

#### 3.2.3 Standard Test Method for Gradation of Riprap and Graded Stone

- a. Select a representative sample (Note No. 1), weigh and dump on hard stand.
- b. Select specific sizes (see example) on which to run "individual weight larger than" test. (See Note No. 2). Procedure is similar to the standard aggregate gradation test for "individual weight retained".
- c. Determine the largest size stone in the sample. (100 percent size)
- d. Separate by "size larger than" the selected weights, starting with the larger sizes. Use reference stones, with identified weights, for visual comparison in separating the obviously "larger than" stones. Stones that appear close to the specific weight must be individually weighed to determine size grouping. Weigh each size group, either individually or cumulatively.
- e. Paragraph d above will result in "individual weight retained" figures. Calculate individual percent retained (heavier than) cumulative percent retained and cumulative percent passing (lighter than). Plot percent passing, along with the specification curve on ENG Form 4794-R.

**NOTE NO. 1:** Sample Selection: The most important part of the test and the least precise is the selection of a representative sample. No "standard" can be devised; larger quarry run stone is best sampled at the shot or stockpile by given direction to the loader; small graded stone is best sampled by random selection from the transporting vehicles. If possible, all parties should take part in the sample selection, and agree before the sample is run, that the sample is representative.

**NOTE NO. 2:** Selection of Size for Separation: It is quite possible and accurate to run a gradation using any convenient sizes for the separation, without reference to the specifications. After the test is plotted on a curve, then the gradation limits may be plotted. Overlapping gradations with this method are no problem. It is usually more convenient, however, to select points from the gradation limits, such as the minimum 50 percent size, the minimum 15 percent size, and one or two others, as separation points.