

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	7
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 20-Feb-2003	4. REQUISITION/PURCHASE REQ. NO. W81W3G-3024-0781		5. PROJECT NO.(If applicable)	
6. ISSUED BY CONTRACTING DIVISION PO BOX 1715 BALTIMORE MD 21203-1715	CODE CW31	7. ADMINISTERED BY (If other than item 6) CONTR DIV OPERATIONS BR PO BOX 1715 BALTIMORE MD 21203-1715		CODE E1P0500	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. DACW31-03-T-0025	
			X	9B. DATED (SEE ITEM 11) 28-Jan-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 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.) SOLICITATION NO. DACW31-03-T-0025 FOR THE RAYSTOWN LAKE DAM REPAIR IS HEREBY AMENDED PER THE ATTACHED SUMMARY OF CHANGES. DUE DATE IS STILL FEBRUARY 28, 2003 AT 2:00 P.M.					
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)		20-Feb-2003	

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:

GATE QUESTION AND ANSWERS**Additions, Deletions, Revisions and Questions and Answers from the Pre-Bid Meeting, Feb. 13, 2003.****Revisions:**

#R1

Replace Bid Item #0004, Section B, with the following:

Item #	Item	Quantity	Unit	Unit Price
0004	Inundation Preventive Release Emergency Work	1	ea.	_____

#R2

Reference Section B, Bid Item #4: Please reference C.1.1.1 (b). This statement is hereby revised to read:

(b) Installation of stoplogs, including gaskets in guideslots upstream of the tainter gate. Only one set of stoplogs exists and work must therefore be completed and approved at one gate location prior to removing and reinstalling the stoplogs at the second gate. Contractor shall perform repairs for the Gate No 2 side first, then Gate No 1 side. Following installation of the stoplogs, the Corps of Engineers will raise the tainter gate to an elevation sufficient to provide access to the specified repair areas. Although gaskets shall be installed on stoplogs, a certain amount of leakage will occur. The Contractor shall be responsible for taking additional measures necessary to ensure a dry working environment. Such measures could include additional water barriers (i.e. plastic sheeting, etc.); sealing leaks on the upstream side of the tainter gates; collection of leakage at the downstream face of the stoplog and diversion around the work area or a combination of these or other reasonable and effective methods as chosen by the contractor. If excessive leakage occurs and cannot be controlled through the aforementioned procedures the government reserves the right to exercise bid item #4. A firm decision to re-water or pursue other measures shall be made no more than 4 hours after the contractor has informed the COR, in writing, that all reasonable leakage mitigation measures have been applied without success.

#R3

Reference C.2 -- SCHEDULE is revised as follows:

This project will commence under two Notice to Proceed (NTP) orders. The first NTP will be awarded at the time of contract award. This NTP will be a NTP for all administrative items associated with the contract, (i.e. safety plan, dive plan, material certifications etc.; all required shop drawings; etc). Approximately three calendar weeks after issuance of the NTP for administrative items, the NTP will be issued to begin the site work on the repairs. An anticipated date for the administrative NTP is approximately 7 April. Anticipated date for site repair NTP is approximately 28 April. The contractor shall be prepared to commence work no later than 28 April, and shall end, 45 approved **work** days after that date, unless extensions are approved by the COR. The Contractor will be required to work a 7-day a week, 12 hour schedule, between sunrise and sunset (based on standard solar tables for this longitude) until such time as the repairs are made on #2 tainter gate. Once #2 is operable, the Contractor will revert to a normal Mon. through Friday, 8 hour a day operation unless other schedules are authorized by the COR. Note: Based on vendor input, the fabrication of the gate guides is

expected to be in the three week range once a fabrication shop has the order. Shop drawings for the gate guides shall be submitted as a part of the pre-work conference package for expedient review by the Corps.

#R4

Reference C.4, Weather: Revised to read:

C.4 WEATHER DELAYS/INUNDATION

C.4.1 The following schedule of monthly-anticipated adverse weather delays is based on the National Oceanic and Atmospheric Administration (NOAA) or similar data for the project location and is provided for Contractor information.

MONTHLY ANTICIPATED ADVERSE WEATHER DELAY
WORK DAYS BASED ON (5) DAY WORK WEEK

Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
19	11	9	9	9	9	6	7	5	6	6	13

C.4.2 Upon acknowledgment of the Notice to Proceed (NTP) for the site work and continuing throughout the contract, the CONTRACTOR will record on a daily ledger, the occurrence of adverse weather and the resultant impact to normally scheduled work. Actual adverse weather delay days must prevent work on critical activities for 50% or more of the CONTRACTOR'S scheduled workday. The number of actual adverse weather delay days shall include days impacted by actual adverse weather (even if adverse weather occurred in previous month), be calculated chronologically from the first to the last day of each month, and be recorded as full days. The Contracting Officer will convert any qualifying delays to calendar days, giving full consideration for equivalent full weather work days and issue a modification for contract extension based on a one day extension for each full day's weather day granted.

#R5

Reference C.8. General Provisions. Revise Item a) to read:

The Contractor will be required to work a 7-day a week, 12 hour schedule at an agreed to time between sunrise and sunset (based on standard solar tables for this longitude) until such time as the repairs are made on #2 tainter gate. Once #2 is operable, the Contractor will revert to a normal Mon. through Friday, 8 hour a day operation unless other schedules are authorized by the COR. Actual beginning and ending times shall be requested during the pre-work conference. The government reserves the right to stipulate the beginning and ending times within the constraints of sunrise/sunset should the government and the Contractor not mutually agree.

#R6

Reference C.1.1.6 Required Submittals and Submittal Register -- Add **Dive Plan** as item (j); add **Guide Plate shop drawing** as item (k).

#R7

Para C.1.1.5 B (d) is revised as follows:

Sounding: After the repair have been completed and the concrete has obtained a strength of 2000 psi. (as determined by testing), the concrete shall be sounded with a hammer in the presence of the Contracting Officer. Such sounding is required to insure that the new grout is free of voids and adequately bonded to the mass concrete. Any results indicative of unsound or unbonded concrete shall be investigated as directed by the Contracting Officer by coring or other specified methods. If needed the required size shall be 2" diameter x 9" depth. Areas found to be deficient shall be repaired as directed by the Contracting Officer at the Contractor's expense and responsibility. The Contractor shall assume for bidding purposes that four (4) cores will be required. Additionally, the cost for any cores beyond this number that show the concrete to be deficient shall be borne by the Contractor. Patching materials for the cores shall be appropriate for the application and shall be submitted to the Contracting Officer for approval.

#R8

Para C.1.1.1.2.B (i) is revised to read: After vertical gasket installation is complete, divers shall return to the barge and the barge shall move to a safe location. Corps of Engineers personnel will then de-water the area between the stoplogs and tainter gate by opening the tainter gate.

#R9

Replace Section C.1.1.1.3 B in its entirety with the following:

B. Installation of New Seal Plate and Guide Plate Assemblies:

- (a) New seal plate and guide plate assemblies shall be provided within the extents shown on the drawings. Actual extents shall be adjusted, plus or minus, to exactly match field conditions and mate-up with cut edge of existing plates.
- (b) New 3 x 2 1/2 x 5/16 angle shown on drawings shall be fabricated from plate sections using minimum fillet welds.
- (c) All plates, threaded rods, nuts and washers shall be stainless steel, alloy 410, conforming with ASTM A176, ASTM F593, (ASTM F594 and ASME B18.2.2) and ASME B18.22.1 respectively. Material certifications and shop drawings shall be submitted for approval.
- (d) All shop and field welding shall be performed in accordance with AWS using AWS E410 electrodes.
- (e) One shop splice shall be allowed in the new seal plate and guide plate assemblies. The splice in the actual seal plate and guide plate shall be a complete joint penetration (CJP) weld and shall be ground flush with the base metal.
- (f) Threaded rod anchors shall be drilled and epoxy grouted at least 4 inches into sound concrete. Hole diameter and other installation requirements shall be per epoxy grout manufacturer, except that the 4-inch requirement shall not be reduced. Epoxy grout shall be a type specifically intended for securing anchor bolts, dowels or rebar in concrete. Submit manufacturer product data and instructions for approval.
- (g) New guide plate and seal plate exposed surfaces shall be positioned to match original orientation based on pre-demolition survey.

#R10

Replace current C.4.3 INNUNDATION with the following statement --

Raystown Lake is a flood control project. The stoplogs supplied provide for limited freeboard above normal lake pools. There is a possibility that an extreme weather event could occur that would cause the stoplogs to be overtopped. Prior to the start of work, the Contractor shall **submit** a detailed plan indicating the steps that would be taken to accomplish and complete the following tasks within 24 hours of notification (regardless of day or hour):

- Form (as necessary) and patch any voids in the blockouts due to demolition work, restoring the blockouts to be flush with adjacent concrete wall surfaces
- Have patching material reach at least 200 psi compressive strength
- Remove formwork and equipment from spillway and secure the site

In addition to an approved plan, the Contractor shall have the labor, materials, and equipment available to execute the plan at any time during the Contract. In the event that the Raystown project experiences a high water event that has the potential to overtop the stoplogs, the Government will notify the Contractor in a timely fashion and the Contractor shall completely execute the approved plan within 24 hours. After the lake level has receded to an acceptable level and upon notice from the Contracting Officer, the emergency patching material shall be completely removed and construction operations shall resume during normal work hours. For bidding purposes, (**reference Section B, Item 0004**) it shall be assumed that the duration between notice to execute the emergency plan to notice to remove patching and resume construction shall be 120 hours. Should the Government issue the order to execute the plan, the period of performance for the Contract shall be extended one day for each day impacted after the issuance of the order. Note that the government will not be financially obligated to the Contractor for this bid item unless the government orders this work.

Questions and Answers

#Q1

Question, Reference C.1.1.1.(b): -- May the Contractor maintain a head differential between the lake elevation and the area downstream of the bulkhead to determine leak areas and to allow "fill" substances to settle into the leaking joints? May divers be associated with this activity?

Answer: Until receipt of the dive plan and a review of safety factors involved, the Corps cannot provide the Contractor with additional guidance in this area.

#Q2

Question: What is the size of the Corps work barge.

Answer: The "free area" on the barge measures 9'2" wide and 18'6" long. Loads not to exceed 4,500 lbs. can be carried in this free space. Additionally, the barge has a fold down front gate (much like a landing craft) for diver ingress and egress. Access to load diving equipment and personnel onto the barge is at the south end of the ungated spillway via an old "haul" road.

#Q3

Question: Will the barge be available on a daily basis?

Answer: The barge performs many functions around the lake. The Corps is obligated to provide the barge as a diving platform for all dive operations.

#Q4

Question: What materials may be used to fill cracks/leaks in the bulkhead joints?

Answer: Environmentally safe, naturally occurring elements or compounds may be used. Synthetic materials must be environmentally acceptable and approved by the COR before use.

#Q5

Question: Is electricity available at the site?

Answer: A reasonable amount of 110 V, 20A duplex receptacles are available near the workplace.

#Q6

Question: Will the government provide sanitation facilities for the contractor?

Answer: No, Contractor should make plans for a "job johnnie" or other arrangements.

#Q7

Question: What hours will we the Contractor be permitted on site?

Answer: During the period of repair for the first tainter gate. The Contractor will be required to be on site 7 days a week from, working 12-hour days. Work, including daily startup and cleanup must be performed between sunrise and sunset. Actual beginning and ending times shall be requested during the pre-work conference. The government reserves the right to stipulate the beginning and ending times within the constraints of sunrise/sunset should the government and the Contractor not mutually agree. During the repair of the second tainter gate, The Contractor shall be permitted on the site at 7:00 A.M. to 4:00 P.M. Monday through Friday. A table of sunrise/sunset may be found at http://aa.usno.navy.mil/data/docs/RS_OneYear.html. Contractors should search for tables coinciding with Huntingdon, PA.

#Q8

Question: How difficult will it be to remove the government provided seals from the stoplogs?

Answer: Sample tests reveal that the seals can generally be removed fairly easily with a small chisel.

#Q9

Question: What do you think the possibilities are of the bulkhead overtopping?

Answer: Please find attached a separate file providing daily lake elevations for the years 1997 through 2001 for historical reference.

[File labeled Historical Lake Data]

#Q10

Question: Reference C.1.1.3 C (d). Do the bulkheads have to remain in place during the 72-hour cure period?

Answer: Yes.

#Q11

Question: When removing the concrete to the limits of the specification should the limits be cut or scored.

Answer: It is the contractor's responsibility to determine how to define limits and remove the concrete.

***** END *****

25	784.4	787.0	787.9	787.2	786.6	786.6	786.6	786.5	786.1	786.1		
	785.2	784.6										
26	784.3	787.1	787.7	786.9	786.5	786.6	786.6	786.4	786.1	786.1		
	785.2	784.5										
27	784.3	787.0	787.3	786.9	786.4	786.6	786.5	786.4	786.1	786.1		
	785.2	784.5										
28	784.2	787.1	787.0	786.9	786.4	786.6	786.6	786.5	786.1	786.1		
	785.2	784.4										
29	784.1	787.2	786.9	786.9	786.6	786.6	786.6	786.4	786.2	786.1		
	785.2	784.3										
30	784.0	-----	786.9	786.9	786.6	786.6	786.6	786.5	786.2	786.0		
	785.2	784.3										
31	784.0	-----	786.8	-----	786.6	-----	786.6	786.5	-----			
	- 786.0	-----	784.2									
AVG	784.8	784.8	786.9	786.9	786.7	786.5	786.6	786.5	786.3	786.0		
	785.7	784.6										
MAX	785.5	787.2	788.0	787.9	786.9	786.6	786.7	786.7	786.5	786.2		
	786.1	785.2										
MIN	784.0	783.2	786.4	786.7	786.4	786.4	786.5	786.4	786.1	785.9		
	785.2	784.2										

SECTION SF 1449 - CONTINUATION SHEET

SUPPLIES OR SERVICES AND PRICES

CLIN 0004

The CLIN description has changed from EXTRA RE-WATERING (BID ITEM #4) to INUNDTION PREVENTIVE (BID ITEM #4).

The CLIN extended description has changed from EXTRA RE-WATERING (BID ITEM #4) to INUNDATION PREVENTION RELEASE EMERGENCY WORK (BID ITEM #4).

(End of Summary of Changes)