

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1 6
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 22-Mar-2004	4. REQUISITION/PURCHASE REQ. NO. W26GLG-4015-7954		5. PROJECT NO.(If applicable)
6. ISSUED BY USA ENGINEER DISTRICT, NORFOLK CONTRACTING OFFICE 803 FRONT STREET NORFOLK VA 23510-1096	CODE W91236	7. ADMINISTERED BY (If other than item 6) See Item 6		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. W91236-04-R-0010	
		X	9B. DATED (SEE ITEM 11) 10-Mar-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 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.) Acid Waste Treatment, Part 1, Settling Basin, Radford Army Ammunition Plant, Radford, VA, is hereby modified as shown on the attached.				
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 _____ (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED 22-Mar-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:

CONTINUATION

1. Reference Section 00100, 52.235-27: Contractors need to provide 24 hour notice to POC: Mr. Guy Rhodes at (540) 639-7656 to schedule site visit.
2. Delete Bidding Schedule provided and replace with the attached pages.
3. Technical Specifications are hereby modified in accordance with the attached pages.

Revised Bidding Schedule
(Provided with Amendment 0001)

Item NO.	Supplies/ Services	Quantity	Unit Price	Amount
Item 0001	All work complete in accordance with the drawings and specifications but not including the work in Items 0002 and 0003.	1	Lump Sum	\$
Item 0002	Excavation and Disposal	3,900 Cubic Yards	\$ _____	\$ _____
Item 0003	Provision and Compaction of backfill and fill in place.	1,800 Cubic Yards	\$ _____	\$ _____
Total Amount for all Items				\$ _____

Please Note: In the event there is a difference between a unit price and the extended total, the unit price will govern. All blanks must be filled in to be responsive and receive consideration for award.

M & C Form #009

Date: March 15, 2004

Mattern & Craig
Consulting Engineers
701 First Street, S.W.
Roanoke, Virginia 24016

Project: Settling Basin 403-1 Radford Army Ammunition Plant

Project No: 5022894B

Commission No: 2008

Addendum Date: March 15, 2004

Addendum No: 1

Includes Full Size Plan Sheets: _____ *Yes* _____ *X* *No*

The following shall modify the contract documents and the work shall be accomplished in accordance with such modifications. It is requested that this Addendum be stapled to the back of the front cover of the specifications.

- ITEM #1:** Specification Section 03300, paragraph 3.2 **ADD** the following:
"Contractor shall install waterstops in accordance with manufacturer's recommendations. Contractor shall provide minimum 1 inch transverse spacing with vertical reinforcing steel".
- ITEM #2:** Drawing Sheet S-001: Section 3: **DELETE** horizontal line running thru sump 1'-4" below top of slab because there is no construction joint at this location.
- ITEM #3:** Drawing Sheet S-301: Section 6: **CHANGE** note on left side of detail from "see Section 7, Sheet S-302 for reinf." to see Section 6A, this sheet for reinf."
- ITEM #4:** Specification Section 05500, paragraph 2.6.1.b: **ADD** the following: "Install bottom of toe-board ¼ inch above top of walking surface".
- ITEM #5:** Drawing Sheet S-0001: Section 2. Dimension from bottom of concrete walkway to bottom of #4 bent bar is 1'-8".

- ITEM #6:** Drawing Sheet T-4: **DELETE** Note Beginning "Leachate Force mains shall discharge".
- ITEM #7:** Drawing Sheet S-0001: General Note 2: **CHANGE** reference to "ACI 350R-89 (Latest Edition)" to "ACI 350-01 and ACI 350.1R-01. Code Requirements for Environmental Engineering Concrete Structures and Commentary".
- ITEM #8:** Drawing E-502: Section E: **ADD** the following: "Conduit originate in Building B403-2 and terminate at parshall flume".
- ITEM #9:** Specifications Section 03300: Paragraph 2.3.1. **CHANGE** the following: Maximum water-cement ratio shall be 0.42.
- ITEM #10:** Drawing Sheets T-4 and C-132: Sanitary Sewer between lagoons shown as 18" PVC is PVC at north end only.
- ITEM #11:** Drawing Sheet E-101: **DELETE** reference to Leachate Force Main (FM) to south and east of existing settling basin 403.2.
- ITEM #12:** Drawing Sheet E-101: General Notes, 3rd bullet shall read "all items removed and designated for salvage and not reused shall be placed in designated locations in the plant. All items designated for disposal shall be legally disposed of off-plant."
- ITEM #13:** Specification Section 02630 – Paragraph 2.1: **ADD** the following sentence: "Piping material for influent lines shall be limited only to specified clay piping. Effluent lines may be of any of the specified materials."
- ITEM #14:** Specification Section 13401 Paragraph 2.1.1.1: Measuring range shall be 0.1 to 15.9 mgd in lieu of 4 to 14 mgd.
- ITEM #15:** Specification Section 13401 - Paragraph 2.1.1.1: **DELETE** reference to stilling wells.
- ITEM #16:** Specification Section 13401 – Paragraph 2.1.2: **CHANGE** paragraph title to "ph Monitoring System".
- ITEM #17:** Specification Section 13401 – Paragraph 2.1.2: pH measuring equipment shall have range of 2 pH units to 12 pH units in lieu of 1 pH unit to 9 pH units.
- ITEM #18:** Specification Section 13401 – Paragraph 2.1.2: **ADD** the following sentence: System Stability shall be ∇ 1% per year, and System repeatability shall be ∇ 0.05 pH units.
- ITEM #19:** Drawing C-131 and C-132: **ADD** the following note "After construction of new sewer pipe, manholes and settling basin are complete, the Contractor shall remove masonry plug (near the splitter box) in the 36" influent sewer to the new basin".
- ITEM #20:** Specification Section 01005: Paragraph 1.5.6: **ADD** the following: The Contractor shall comply with the posted limits and restrictions." Paragraph 1.3 and 1.6.1: **ADD** the following:
- "Earthen Lagoon 403-1 will not be in use. The adjacent facility, Basin 403-2, and Building B403-2 (and all instrumentation and communication equipment contained therein), as well as the outfall structures will be in continuous use by the Operating Contractor during the work. Operating Contractor activities include periodic visits to these areas once or twice per 8-hour shift, 365 days per year, in order to perform operational checks and preventative maintenance. Safe personnel and vehicular access to

these areas shall be maintained. Additionally, it may be necessary for the Operating Contractor to remove sludge from Basin 403-2 during the work. Construction Contractor shall coordinate and cooperate with the Operating Contractor to allow room for dredging and dewatering operations around the facility.”

Paragraph 1.6.3: **ADD** the following:

The Operating Contractor Staff normal daylight shift workday hours are 8:00 a.m. to 4:30 p.m., Monday through Friday. Issuance of any permits will be accomplished during these work hours.”

- ITEM #21:** Specification Section 01500: Paragraph 1.7: **ADD** the following:
- “Glass glazing is not permitted within the limited area of the RFAAP plant. Glazing must be cast acrylic or polycarbonate sheet.”
- ITEM #22:** Specification Section 01572: Paragraph 1.6.3: **CHANGE** to "... shall be disposed of at an off-plant landfill or incinerator."
- ITEM #23:** Specification Section 02630: Paragraph 2.2.1. Manholes and drainage structures shall be cast-in-place or precast concrete. **DELETE** reference, which allows mortared pipe to well connections. Only ASTM C923 resilient connectors will be allowed.
- ITEM #24:** Drawing Sheet S-502: Parshall Flume – Section: Contractor shall provide 4" diameter double-walled HDPE pipe for conduit for ½" sanitary sewer tubing.
- ITEM #25:** Specification Section 03300: Paragraph 1.1: **ADD** reference to ACI 350-1 and ACI 350R-1, Code Requirements for Environmental Engineering Concrete Structures and Commentary".
- ITEM #26:** Drawing Sheet S-001: Section 1: **CHANGE** longitudinal reinforcing steel in wall from #4 @ 9 EF to #5 @ 10 EF.
- ITEM #27:** Drawing Sheets S-301 and S-302: Sections 5A and 7: **CHANGE** longitudinal reinforcing steel in bottom slab from #4 @ 12 T&B to #5 @ 12 T&B and in 8" thick exterior wall from #5 @ 10 to #6 @ 10.
- ITEM #28:** Specification Section 16415: Paragraph 3.2. The use of electrical metallic tubing (EMT) will not be allowed.

(End of Summary of Changes)