

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
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2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
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6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
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8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
		10A. MODIFICATION OF CONTRACT/ORDER NO.
		10B. DATED (SEE ITEM 11)
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. Offers 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 your 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 ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	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 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.)

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

1. The specifications and drawings for Invitation No. DACW64-03-B-0029, Erosion Protection, Placement Area No. 11, Sabine-Neches Waterway, Texas, advertised 19 June 2003 and for which bids are to be opened on 21 July 2003, are hereby modified as follows:

(a) Specifications.

(1) Page 02317-1, Paragraph 3.2 - Delete the second sentence and substitute the following: "Stripped material shall be placed in an approved area within the Placement Area as directed."

(2) Page 02382-1, Paragraph 1.2 - Delete the last sentence and substitute the following: "If necessary, the Contractor shall coordinate public road use with the Contracting Officer and local public authorities."

(3) Page 02382-2, Subparagraph 1.5.2.1 - At the end of this Subparagraph insert the following new Subparagraphs:

"1.5.2.2 Measurement by Barge Displacement. Riprap shall be measured in short tons of 2,000 pounds each. Barge displacement measurements will be accepted for determination of the weight of riprap placed in the finished section. The barge will be gaged at a protected location near the site as approved. For this purpose each barge shall be fitted by the Contractor, at its own expense, with gages graduated either to inches or tenths of a foot, located either inside or outside of the hull, as the Contracting Officer may direct, and attached solidly to the hull itself. These gages shall be located inside two (2) near each end of the vessel on opposite sides, and two (2) additional gages amidship if deemed necessary by the Contracting Officer. If located inside the hull, provision shall be made for the free passage of the outside water to a transparent tube placed, or capable of being placed, in contact with the gage. If located outside upon wooden hulls, the gages shall be protected by solid fenders or recessed into the planking, or if upon steel hulls the gage marks may be placed directly on the plates and identified by punch marks. Gages shall be placed so that their zeros are below water when the vessel is in its normal trim light and free from water. In lieu of the gages in the interior of the barge, the Contractor may, at its discretion provide an equal number of wells for determining the amount of the load. These wells shall be located as specified for interior gages and shall be constructed and approved.

"1.5.2.3 Fore and After Displacements, due to load, shall not differ more than 10 percent from their mean for the determination of tonnage of each barge load of riprap ready for displacement. In determining the tonnage of a cargo, the change in gage readings due to discharge of the cargo will be used.

"1.5.2.4 Barge Displacement Tables. The barges shall be fitted for the work sufficiently ahead of the time fixed for commencement to enable the Contracting Officer to measure them accurately before work is started. The Contractor will be required at its expense to place the barges in dry dock for measurement and

furnish materials and facilities for taking the necessary measurement for preparing barge displacement tables. The Contractor shall pump then water from the barges when so requested but no pumping of a barge shall be done between the time it is gaged loaded and light to determine the amount of a barge load.

"1.5.2.5 Repairs or Additions made to the barges during the progress of the work shall be promptly reported to the Contracting Officer. During the progress of the work when deems advisable or necessary, each barge shall be re-measured at the expense of the Contractor and under the supervision of the Contracting Officer. No barge shall be used when not in a seaworthy condition or which leaks excessively. The barges used shall be so constructed that when loaded they do not bend or warp and make the gages unreliable. Each barge load shall contain only one (1) class of riprap.

"1.5.2.6 Load Determination. To determine the load, measurements will be taken immediately before a barge starts for its point of unloading and immediately after it return form that point. The gages will be read by the Contracting Officer and the Contractor is invited to be present when the readings are taken. Disagreements on the part of the Contractor as to the weight of riprap shall be submitted in writing within 10 days of their occurrence. Disputes will be handled in accordance with the CONTRACT CLAUSE entitled DISPUTES. To ensure the use of the proper weight of surrounding water in calculating the weight of riprap from the barge gage readings, hydrometer measurements shall be made alongside each barge when it is gaged loaded and light. Other methods of measurement may be used when approved."

(4) SECTION 02841 DOUBLE BAR GATE - The enclosed new SECTION 02841 entitled DOUBLE BAR GATE shall be added to and become a part of this Invitation.

(b) Drawings.

Drawing No. F-12. - The enclosed new Drawing No. F-12 shall be added to and become a part of this Invitation.

2. This amendment shall be attached to and become a part of the specifications.

2 Encls

1. Section 02841
2. Dwg No. F-12

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SITE WORK

SECTION 02841 - DOUBLE BAR GATES

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SECTION 02841 - DOUBLE BAR GATES

SECTION 02817 - CATTLE GUARDS AND GATES

PART 1-GENERAL

1.1 REFERENCES. The references listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

American Society for Testing and Materials (ASTM) Publications.

A 36-03	Carbon Structural Steel
A 53-02	Pipe, Steel, Black and Hot-Dipped, Zinc, Coated, Welded and Seamless
A 123-02	Zinc (hot-Dip Galvanized) Coatings on Iron and Steel Products
A 780-01	Repair of Damaged Areas of Hot-Dip Galvanized Coatings
C 94-03	Ready-Mix Concrete.

American Welding Society, Inc. (AWS) Structural Welding Code.

AWS D1.1-02 (E 2002)	Structural Welding Code-Steel.
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Federal Specifications (Fed. Spec.).

RR-C-271D-90 (E1 1995)	Chain and Attachments Welded and Weldless.
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1.2 MEASUREMENT shall not be made for the work specified herein.

1.3 PAYMENT. No separate payment will be made for the material and work specified in this Section and the costs in connection therewith shall be included in the applicable contract lump sum price for the items to which the material and work pertain.

PART 2-PRODUCTS

2.1 MATERIALS.

2.1.1 Structural Steel shall be carbon Grade and shall conform to ASTM A 36.

2.1.2 Steel Pipe shall conform to ASTM A 53, Galvanized, excluding the requirements in paragraph 10.

2.1.3 Concrete shall conform to ASTM C 94, using 3/4-inch maximum size aggregate.

2.1.4 Chain and Attachments shall be in accordance with Fed. Spec. RR-C-271, Type 1, Class 1, Size 1/2-inch, Galvanized.

2.1.5 Galvanizing of structural steel shall be 2.5 ounces of hot-dip zinc coating per square foot of surface, conforming to ASTM A 123.

2.2 WELDING shall conform to AWS D1.1

PART 3-EXECUTION

3.1 INSTALLATION. The double-bar gates shall be fabricated and installed as directed. Pipe posts for the gates shall be set in concrete as shown.

3.2 FINISHING. The gates shall be hot-dip galvanized after fabrication. Repair of damaged and touch-up cut edges of galvanized areas shall conform to ASTM A 780.

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