

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
			J	1	13
2. AMENDMENT/MODIFICATION NO. 0009	3. EFFECTIVE DATE 24-Sep-2003	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable) POC: Mary R. Kiefer	
6. ISSUED BY USACE, CONTRACTING DIVISION ATTN: CEMVN-CT, RM 172 7400 LEAKE AVE. NEW ORLEANS LA 70118	CODE DACW29	7. ADMINISTERED BY (If other than item 6)		CODE	
		See Item 6			
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. DACW29-03-B-0002	
			X	9B. DATED (SEE ITEM 11) 15-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.) The above numbered solicitation for SELA, Improvements to Two Mile Canal (Patriot Street Canal), Barataria Blvd. to First Ave. Canal, Jefferson Parish, LA, is amended as shown on the attached pages. BID OPENING DATE: A BID OPENING DATE OF 6 OCTOBER 2003, 2:00 PM LOCAL TIME, IS HEREBY ESTABLISHED.					
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)		24-Sep-2003	

SECTION 00010

Delete pages 00010-3 thru 00010-6 in their entirety and substitute the attached revised pages 00010-3 thru 00010-6.

SECTION 01100

Page 25, subparagraph 20.b. Delete the 2nd and 3rd sentences in their entirety and replace with the following:

“During construction of the drainage improvements, the eastbound lane of Patriot Street may be partially closed. The distance to be closed shall be the minimum necessary to accommodate the Contractor’s method of operation and must be approved by the Contracting Officer. However closure of the eastbound lane will not be permitted to simultaneously obstruct eastbound entrance/exit to Gaudet and Orchid Streets. (i.e. access to one of these streets must be available at all times). The Contractor shall construct the project in a manner which will provide one lane access through the project at all times.”

SECTION 01555

Page 1, paragraph 1.1. Delete the last two sentences in their entirety and substitute the following therefor:

“During construction of the drainage improvements, the eastbound lane of Patriot Street may be partially closed. The distance to be closed shall be the minimum necessary to accommodate contractor’s method of operation and must be approved by the Contracting Officer. However closure of the eastbound lane will not be permitted to simultaneously obstruct eastbound entrance/exit to Gaudet and Orchid Streets. (i.e. access to one of these streets must be available at all times). The Contractor shall construct the project in a manner which will provide one lane access through the project at all times.”

SECTION 02242

Page 02242-7, subparagraph 3.1(6). Delete the 1st sentence and replace it with: “The temporary dam for the Swift Canal shall be located in the area of the concrete sheet pile flume with concrete beam struts.”

SECTION 02411

Page 6, paragraph 2.1.2. In the 1st sentence, change “Z-type cold rolled” to “Z-type cold or hot rolled”.

NEW SECTION 02622

Add the attached new Section 02622 – “POLYVINYL CHLORIDE (PVC) PIPE” in its entirety

SECTION 02720

Page 3, paragraph 2.1.1. In the 4th line, change “minimum of 8 gage” to “minimum of 8 gage unless otherwise shown on the drawings.”

APPENDIX A

Appendix A: Following “Cohesive Strength and Density Plots,” insert the attached “Ground Water” text (1 page).

DRAWINGS

1. DWG. 7 of 52, DETAIL A. Revise the length of the horizontal leg of the curved bar at the bottom of the detail from “ 2'-6” ” to “ 5'-6” ”
2. DWG 8 of 52, SECTION 1. Revise the length of the horizontal leg of the curved bar at the bottom of the detail from “ 2'-6” TYP.” to “ 5'-6” TYP. ”
3. DWG 22 of 58. Revise the Note at the Pedestrian Bridge to read “EXISTING PEDESTRIAN BRIDGE, SEE NOTE 4.”
4. DWG 22 of 58. Add Note 4: “THE PEDESTRIAN BRIDGE MAY BE REMOVED ONLY TEMPORARILY AND SHALL BE REPLACED UPON COMPLETION OF CONSTRUCTION WITHIN 50 FEET EITHER SIDE OF THE BRIDGE.”
5. DWG 34A of 52, SECTION 1. Revise the length of the horizontal leg of the curved bar at the bottom of the detail from “ 2'-6” ” to “ 5'-6” ”

SECTION 00010 - BIDDING SCHEDULE

SOUTHEAST LOUISIANA URBAN FLOOD CONTROL PROJECT
IMPROVEMENTS TO TWO-MILE CANAL (PATRIOT ST. CANAL)
BARATARIA BLVD. TO FIRST AVE. CANAL
JEFFERSON PARISH, LOUISIANA

Item	DESCRIPTION	Estimated Quantity	Unit	Unit Price	Estimated Amount
0001	Mobilization and Demobilization	1	LS		
0002	Silt Fences	7,300	LF		
0003	Blocked Out Guard Rail	3,324	LF		
0004	Guard Rail Transition (Double Thrie Beam)	150	LF		
0005	Attenuator	2	EA		
0006	Traffic Control and Coordination	1	LS		
0007	Truck Wash-Down Rack	1	LS		
0008	Geotextile	50,000	SY		
0009	Removal of Structures and Obstructions	1	LS		
0010	Construction Dewatering	1	LS		
0011	Temporary Retaining Structures	1	LS		
0012	Modifications To Existing Utilities	1	LS		
0013	Excavation	64,400	CY		
0014	Granular Material	9,300	CY		
0015	Embankment	6,100	CY		
0016	Concrete Piles (12" X 12")	560	LF		
*0017	Bedding Material	24,800	CY		
0018	Riprap	2,180	TON		
0019	Piling, Steel Sheet, Type CZ 128	18,605	SF		
0020	Vinyl Sheet Piling (Series 150)	1,860	SF		
0021	6" Sewer Force Main Modification	1	LS		
0022	8" Sewer Force Main Modification	1	LS		
0023	Storm Drain Pipe (12" CMP)	26	LF		
0024	Storm Drain Pipe (15" CMP)	8	LF		

SECTION 00010 - BIDDING SCHEDULE

SOUTHEAST LOUISIANA URBAN FLOOD CONTROL PROJECT
IMPROVEMENTS TO TWO-MILE CANAL (PATRIOT ST. CANAL)
BARATARIA BLVD. TO FIRST AVE. CANAL
JEFFERSON PARISH, LOUISIANA

Item	DESCRIPTION	Estimated Quantity	Unit	Unit Price	Estimated Amount
0025	Storm Drain Pipe (18" CMP)	6	LF		
0026	Storm Drain Pipe (24" CMP)	68	LF		
0027	Storm Drain Pipe (27" CMP)	26	LF		
0028	Storm Drain Pipe (30" CMP)	130	LF		
0029	Storm Drain Pipe (36" CMP)	12	LF		
0030	Storm Drain Pipe (60" CMP)	15	LF		
0031	Fencing	1	LS		
0032	Fertilizing, Seeding and Mulching	6	Acre		
0033	38' Concrete Flume	2,040	LF		
0034	45' Concrete Flume	1,280	LF		
0035	Concrete Flume Transitions	1	LS		
0036	Concrete Slope Paving	810	SQ		
0037	Concrete Approach Slabs	1	LS		
0038	Concrete Pile Caps	8	EA		
0039	Asphaltic Pavement (Binder Course)	5,340	SY		
0040	Asphaltic Pavement (Wearing Course)	5,340	SY		
0041	Asphaltic Pavement (12" Thick Base Course)	5,340	SY		
0042	Asphaltic Pavement (Cold Plane and Overlay)	6,140	SY		
0043	Asphaltic Pavement (Maintenance and Patching)				
0043AA	First 130 Tons	130	Ton		
0043AB	All Over 130 Tons	950	Ton		
0044	Asphaltic Pavement (Detour Road)	1	LS		

SECTION 00010 - BIDDING SCHEDULE

SOUTHEAST LOUISIANA URBAN FLOOD CONTROL PROJECT
IMPROVEMENTS TO TWO-MILE CANAL (PATRIOT ST. CANAL)
BARATARIA BLVD. TO FIRST AVE. CANAL
JEFFERSON PARISH, LOUISIANA

Item	DESCRIPTION	Estimated Quantity	Unit	Unit Price	Estimated Amount
0045	Construction Debris Disposal	1	LS		
0046	Raised Pavement Markers	100	EA		
0047	Plastic Pavement Markings	16,000	LF		
*0048	Storm Drain Pipe (6" PVC)	15	LF		
TOTAL					\$

* Denotes a change from the previous Bidding Schedule

Award will be made as a whole to one bidder.

NOTE 1: Bidders shall furnish unit prices for each item listed in the Schedule requiring a unit price. If the bidder fails to insert a unit price in the appropriate blank for required item(s), but does furnish an extended total, or an estimated amount for such item(s), the Government shall deem the unit price to be the quotient obtained by dividing the extended amount for that line item by the quantity. IF A BIDDER OMITTS BOTH THE UNIT PRICE AND THE EXTENDED TOTAL OR ESTIMATED AMOUNT FOR ANY ITEM, ITS BID SHALL BE DECLARED NON-RESPONSIVE AND THEREFORE INELIGIBLE FOR AWARD.

NOTE 2: THE NOTICE TO PROCEED (NTP): The successful bidder is advised that performance and payment bonds shall be submitted in accordance with the time frame in block 12B of SF 1442 after Notice of Award. The NTP will be issued immediately after verification of acceptable performance and payment bonds. Within seven (7) days after issuance of the NTP, the Contractor shall initiate a meeting to discuss the submittal process with the Area or Resident Engineer or his authorized representative. Physical work cannot start until the Accident Prevention Program, Contractor Quality Control Plan, and other submittals which may be required, have been submitted and approved and all preliminary meetings called for under the contract, have been conducted.

Note 3: If bids include foreign materials, including sheetpile, the material must be shipped on a U.S. flag vessel (please refer to clauses FAR 52.247-64 and DFAR 252.247-7023). To obtain a waiver could take a significant amount of time, and there is no guarantee that a waiver will be granted. This process could impact the delivery schedule, and the Government assumes no responsibility due any delays caused by the waiver process.

EVALUATION OF SUBDIVIDED ITEMS. (EFARS 52.211-5000 - MAR 95).

Item No. 0043 is subdivided into two or more estimated quantities and are to be separately priced. The Government will evaluate each of these items on the basis of total price of its sub-items.

(End of Clause)

VARIATIONS IN ESTIMATED QUANTITIES - SUBDIVIDED ITEMS. (EFARS 52.212-5001 - MAR 95).

The Variations in Estimated Quantities Subdivided Items clause is applicable only in Item No. 0043.

a. Variations from the estimated quantity in the actual work performed under any second or subsequent sub-item or elimination of all work under such a second or subsequent sub-item will not be the basis for an adjustment in contract unit price.

b. Where the actual quantity of work performed for Item No. 0043 is less than 85% of the quantity of the first sub-item listed under such items, the Contractor will be paid at the contract unit price for that sub-item for the actual quantity of work performed and, in addition, an equitable adjustment in contract price shall be made in accordance with the clause FAR 52.211-18, Variation in Estimated Quantity.

c. If the quantity of work performed under Item No. 0043 exceeds 115% or is less than 85% of the total estimated quantity of the sub-items under that item, and/or if the quantity of work performed under the second sub-item or any subsequent sub-item under Item No. **NONE** exceeds 115% or is less than 85% of the estimated quantity of any such sub-item, and if such variation causes an increase or a decrease in the time required for performance of this contract, the contract completion time will be adjusted in accordance with the clause FAR 52.211-18, Variation in Estimated Quantity.

(End of Clause)

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SECTION 02622-POLYVINYL CHLORIDE (PVC) PIPE

PART 1 GENERAL

1.1 SCOPE

This Section of the Specifications defines the product specifications for the PVC gravity pipe.

1.2 GENERAL

All plastic pipe and appurtenances shall be furnished by a single manufacturer who is experienced, reputable, and qualified in the manufacturer of the items to be furnished. The equipment shall be designed, constructed, and installed in accordance with the best practices and methods and shall comply with these Specifications.

1.3 REFERENCES

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D1869 (2000) Standard Specification for Rubber Rings for Asbestos-Cement Pipe

ASTM D 2412 (2002) Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-Plate Loading

ASTM D 3034 (2000) Standard Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings

ASTM F 477 (2002) Standard Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe

LOUISIANA STANDARD SPECIFICATION FOR ROADS AND BRIDGES (LSSRB), 2000 EDITION, STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT (LDOTD)

Section 701 Culverts And Storm Drains

Section 1006 Concrete And Plastic Pipe

1.4 MEASUREMENT AND PAYMENT

The PVC pipe will be measured for payment by the linear foot satisfactorily installed. Payment will be made at the contract unit price per linear foot for "PVC Pipe (by size)." Price and payment shall constitute full compensation for furnishing all plant, labor, materials, including but not limited to coupling bands, gaskets, base preparation, backfill, bedding, laying, placement and jointing, tests, and any other incidental work necessary for the proper installation of the pipe as specified and as shown on the drawings. Payment will not be made for replacement of any items that were damaged due to Contractor fault or negligence.

1.5 SUBMITTALS FOR APPROVAL

1.5.1 Shop Drawings

Shop drawings shall be submitted to the Contracting Officer for approval in accordance with the Specifications and shall include dimensioning and technical specification for all piping to be furnished, and the cell classification of PVC used to make the pipe.

1.5.2 Material Samples

Submit to the Contracting Officer, for approval, samples of all materials specified herein in accordance with Section 01330.

1.6 SHIPPING

Pipe must be delivered to job site by means which will adequately support it, and not subject it to undue stresses. In particular, the load shall be so supported that the bottom rows of pipe are not damaged by crushing. Pipe shall be unloaded carefully and strung or stored as close to the final point of placement as is practical.

1.7 PHYSICAL APPEARANCE

The pipe shall be homogeneous throughout and free from cracks, holes, foreign inclusions or other defects. The pipe shall be as uniform as commercially practical in color.

1.8 WORKMANSHIP

The workmanship, pipe dimensions and tolerances, outside diameters, wall thicknesses, flattening, extrusion quality, marking and all other requirements of ASTM D 3034 shall be conformed to in all respects.

PART 2 PRODUCTS

2.1 GRAVITY PIPE AND FITTINGS

PVC gravity pipe 4 inch to 15 inch shall be SDR 35 heavy wall meeting the requirements of ASTM D 3034, having a minimum F/Y stiffness of 46 psi as tested in conformance with ASTM D 2412.

2.1.1 Pipe Length

Pipe shall be furnished in standard laying lengths not exceeding 20 feet.

2.1.2 Joints

All joints shall consist of an integral bell with a factory installed "locked-in" elastomeric gasket. The spigot end of each joint shall be factory beveled. Elastomeric gaskets shall meet the requirements of F-477.

2.1.3 Setting Marks

The pipe shall be shipped with one coupling factory applied. Pipe shall have a ring painted around the uncoupled end in such a manner as to allow field checking of setting depth of pipe in the socket. This requirement is made to assist construction superintendents and inspectors in visual inspection of pipe installation. If belled-end pipe is specified, the same ring shall be painted around the male end of the pipe. Pipe shall be integral bell and spigot. Pipe shall have a stop mark on the spigot end to prevent overbelling.

PART 3 EXECUTION

3.1 LAYING AND JOINTING PIPE

3.1.1 Criteria

The PVC pipe installation shall be in accordance with LSSRB Section 701 except as noted herein. At the time of installation, the pipe shall be in good condition, free from dents or other defects. Pipe shall not be dropped to the ground, or be allowed to roll free down slopes. Any section of pipe that is damaged or becomes damaged in the course of the Contractor's operations, or that is not to line and grade shall be removed and replaced or re-laid, as required, at no cost to the Government.

3.1.2 Pipe Joints

The pipe shall have Type 2 pipe joints conforming to LSSRB Sections 701.06 (d) (2) and 1006. The joints shall be wrapped with geotextile fabric for a minimum of 12 inches wide on each side of the connecting band. The ends of the fabric shall be lapped a minimum of 10 inches. The edges and ends of the fabric shall be suitably secured for the entire circumference of the pipe.

3.1.3 Base Preparation

The bottom of the excavation to receive the pipe shall be graded to conform to the bottom and the spring line of the pipe, and shall be compacted in such a manner as to form a firm and uniform surface. Where wet or otherwise unstable soil incapable of properly supporting the pipe, as determined by the Contracting Officer, is encountered in the bottom of the excavation, such material shall be removed to the depth required and replaced to the proper grade with crushed stone, and compacted. A minimum 6-inch layer of compacted crushed stone shall be installed below the bottom of the pipe.

3.1.4 Pipe Bedding

The bedding for the pipe shall be granular material conforming to the requirements as specified in Section 02331. The bedding material shall be brought up evenly on both sides of the pipe for its full length in layers not to exceed 6 inches in thickness. Each layer shall be compacted with hand-powered tampers to a density of 90% Standard Proctor before the next layer is placed. Density shall be determined in accordance with the provisions of Section 02331. Bedding material shall be thoroughly compacted from the base bedding to the spring line of the pipe.

3.1.5 Earth Backfill

All earth backfill required to install the pipe shall conform to the applicable provisions specified herein, and in Section 02332. The earth backfill area above the pipe bedding shall be installed to conform to the provisions required for embankment as specified in Section 02332.

Ground Water

20. At the time of the field investigation, standing water was present at seven of the auger borings within the canal (Borings A-2 through A-8). The water depth varied from 2 to 10 feet within the canal at these boring locations. Two additional auger borings were drilled on the north bank of the canal, one in the vicinity of Boring 5 and one in the vicinity of Boring 8. During drilling, water was encountered in these borings at depths of 6 to 10 feet below the existing ground surface. Water levels within the auger borings were observed 5 to 6 hours after drilling, and were found to vary between 5 and 6 feet below the existing ground surface.

21. It should be noted that the depth to ground water will fluctuate due to the changes in site drainage, climatic conditions, and other factors. For this reason, the depth to ground water should be determined by those persons responsible for construction immediately prior to beginning work.

22. For the purposes of design, the highest sustained ground water level should be assumed at the existing ground surface of the higher canal bank. The lowest sustained ground water level should be assumed to exist 8 feet below the existing ground surface of the lower canal bank. It should be noted that the estimated sustained water levels are based solely on prior experience in the general vicinity of the project. Actual ground water levels may differ from the estimated values due to the influence of the canal or other drainage improvements, climatic conditions, and other factors.