

A0003515

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE PAGE OF PAGES  
1 10

2. AMENDMENT/MODIFICATION NO. 0003  
3. EFFECTIVE DATE 09/14/93  
4. REQUISITION/PURCHASE REQ. NO. ED0000-3117-0034  
5. PROJECT NO. (if applicable) dkn

6. ISSUED BY CODE ISSUE1  
US ARMY ENGR DIST NEW ORLEANS  
PO BOX 60267  
NEW ORLEANS LA 70160-0267  
Molly M. Block SC2 (504)862-2879  
7. ADMINISTERED BY (if other than Item 6) CODE ADMIN1  
US ARMY ENGR DIST, NEW ORLEANS  
ATTN CELMN-CT  
PO BOX 60267  
NEW ORLEANS LA 70160-0267

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  
9A. AMENDMENT OF SOLICITATION NO. DACW29-93-B-0080  
9B. DATED (SEE ITEM 11) 07/29/93  
10A. MODIFICATION OF CONTRACT/ORDER NO.  
10B. DATED (SEE ITEM 13)  
CODE OMR68 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS SEE BELOW

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 1 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 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.)

Plans and Specifications covering Lake Pontchartrain, La. and Vicinity, High Level Plan, London Avenue, Outfall Canal Parallel Protection, Pumping Station No. 3 to Mirabeau Avenue Floodwall, Orleans Parish, Louisiana, is hereby amended as follows:

BID OPENING DATE

Bid Opening Date and Time of 28 September 1993, 2:00p.m., LOCAL TIME AT PLACE OF BID OPENING, has been 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)  
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)

COVER SHEET

First page following the Cover. At the bottom of the page, add the following note: "NOTE: CONTRACTORS ARE REMINDED THAT FORMS CARRY A COPYRIGHT SEAL AND THE USE OF THE FORMS SHOULD BE IN ACCORDANCE WITH THE REGULATIONS COVERING COPYRIGHT MATERIAL."

BID SCHEDULE

Delete pages B-1 and B-2 in their entirety and substitute the attached pages B-1 and B-2 therefor. Double asterisk in margin denotes change.

SECTION C

(1) Page C2F-3.

a. Add the following new paragraph after paragraph C2F-4.4:

"C2F-4.5 Service through the existing waterline, W-2, which is to be abandoned, shall not be interrupted until such a time as the new waterline is completed, tested, and fully functional. (See SECTION C2I for alternate construction methods)."

b. Paragraph C2F-5(3). Add the following to the end of the sentence: "(Including the pipe layout of the canal side of the east monolith.)".

(2) Page C2F-4, paragraph C2F-9.1. Add "The Contractor shall probe for existing waterline, W-2, on the canal side of the east gate monolith prior to driving the 14 inch diameter steel pipe piles." to the end of the paragraph.

(3) Pages C-a, D2-4, C2L-a, and C2L-1. Change the title "PRESTRESSED CONCRETE PILES" to "PRESTRESSED CONCRETE PILES(STEEL H-PILE OPTION)".

(4) Page C2I-2, paragraph C2I-4.2. In the 3rd line, delete "sleeves,", and replace with "casing pipe, mechanical joint restraints, insulators,". Add to the end of the paragraph: "Casing pipe installation details shall be included if a jacking or boring method is used."

(5) Page C2I-3.

a. Paragraph C2I-6.3.1. In the first line, between "sleeves" and "for", add "and casing pipe".

b. Renumber existing paragraph "C2I-6.3.4" as "C2I-6.3.7".

c. Add the following new paragraphs after paragraph C2I-6.3.3:

"C2I-6.3.4 Casing Insulators. Casing insulators, Model A8, as manufactured by Pipeline Seal and Insulator, Inc. or an approved equal shall be used to support new waterline W-2 within the steel casing. As a minimum, one spacer shall be installed on each side of all joints and one in the center of all pipe segments.

C2I-6.3.5 Mechanical Restraining Joints. All pipe joints in casing pipe and two pipe joints on both sides of a bend shall be mechanically restrained using EBAA Iron Co., Model 1500, or an approved equal. Pipe joints at bends shall be mechanically restrained using EBAA Iron Co., Model 1100 PV, or an approved equal.

C2I-6.3.6 Couplings. All tie-ins to existing waterlines shall be made using Dresser Coupling Model 153, or an approved equal. House tie-ins shall be hot tapped using a tapping saddle."

(6) Page C2I-4.

a. Delete paragraphs C2I-6.5 and C2I-6.6 in their entirety.

b. Delete paragraph C2I-7.3 in its entirety and substitute the following therefor:

"C2I-7.3 Casing Pipe. Casing pipe shall be 12 inch diameter with 0.375 inch wall thickness. The pipe exterior shall be coated with coal tar epoxy paint. Installation methods that utilize jacking or boring are subject to the approval of the Railroad Company, and such approval shall be obtained by the Contractor. Methods which require an uncased or unsupported section of tunnel ahead of the casing being jacked will not be permitted. Jetting or wet-boring if any kind will not be permitted."

c. Add the following new paragraph after paragraph C2I-7.4:

"C2I-7.5 Water Valves. All new water valves shall be furnished by the Contractor and shall conform to Sewerage and Water Board Specifications, General Drawing 7260-SWD."

(7) Page C2I-5.

a. Paragraph C2I-9.2.2. In the last line after "waterline", add "at the same location as the existing hydrants".

b. Paragraph C2I-9.2.3. Delete the last line in its entirety and replace with "waterline at the same stations as the existing water meters in accordance with S. & W. B. recommendations. All removed water meters shall be returned to the S. & W. B."

c. After paragraph C2I-9.2.4, add the following new paragraph:

"C2I-9.2.5 Water Valves WV-1, WV-2, and WV-3. The Contractor shall remove WV-1, WV-2, and WV-3. New water valves shall be installed on the new PVC waterline at the same stations as the existing water valves in accordance with S. & W. B. recommendations. All removed water valves shall be returned to the S. & W. B."

(8) Page C2L-1.

a. Paragraph C2L-1. In the 3rd line, after "connection with", add "furnishing and driving steel H-piles and".

b. Paragraph C2L-2.1. Add the following new subparagraph. "(6) Splices; installation of splices."

(10) Page C2L-2, paragraph C2L-3.2. Add the following reference and reference title.

"A 36-91    Structural Steel"

(9) Page C2L-4.

a. Paragraph C2L-4.2.1. In the 4th line after "support points," add "or details and dimensions of all shop and field fabrications(for steel H-piles only),".

b. Paragraph C2L-4.4. In the last line after, "steel", add "and for steel H-piles".

(10) Page C2L-5.

a. Paragraph C2L-6.3. Add to the end of the paragraph: "Point pick-up devices for steel H-piles shall be of the type that clamp to both pile flanges at each pick-up point. Holes may be burned in the flanges or webs of piles above the cutoff length for lifting piles into the leads."

b. Paragraph C2L-8. Delete this paragraph in its entirety and substitute the following therefor:

"C2L-8. MATERIALS. The Contractor at his option shall furnish either prestressed concrete or steel H-piles. If the steel H-pile option is selected; the piles shall be placed in the same location, same batter, and same tip elevation as shown on the drawings for the prestressed concrete piles."

(11) Page C2L-6. Add the following new paragraphs after paragraph C2L-8.8.

"C2L-8.9 Steel H-Piles. Steel for H-piles, tension anchors, and splice plates shall conform to the requirements of ASTM A 36.

H-piles shall be HP 14 X 73's. Lengths of piles shall be as shown on the drawings with an optional splice at mid-length.

C2L-8.10 H-Pile Splices. Pile splices shall conform to the details shown on the drawings.

C2L-8.11 Tension Pile Anchors. Tension pile anchors shall conform to details shown on the drawings."

(12) Page C2L-8, paragraph C2L-9.9. Delete this paragraph in its entirety and substitute the following therefor:

"C2L-9.9 Splices. Splicing of concrete piles will not be permitted. The fabrication and welding procedures for splicing steel H-piles shall be as shown on the drawings."

(13) Page C2L-10, paragraph C2L-11.3. In the 2nd line after "cushion", add "for concrete piles".

(14) Page C2L-12, paragraph C2L-12.3.2. In the 3rd line after "blow count", add "for concrete piles". Add "The maximum permissible blow count for steel H-piles shall be limited to 20 blows per inch." to the end of the paragraph.

(15) Page C2L-13.

a. Paragraph C2L-12.3.3. In the 7th line from the top of the page, after "with C2L-12.3.4. After", add "concrete". In the 9th line after "with C2L-12.4.", add "After steel H-piles are driven, they shall be cut off square at the indicated cut off elevation."

b. Paragraph C2L-12.5. Add the following to the end of the paragraph:

"The steel H-piles may be spliced at mid-length should the Contractor elect to do so. Such piles shall be delivered on site in full length and cut for splicing only after delivery. Only those portions of the originally uncut pile shall be spliced together to form the final in-place full length pile. Welding of splices shall conform to the requirements of Section C5B. Ends of the H-piles shall be square so that full contact can be made between the abutting flanges and webs. Squaring, where required, shall be done by saw cutting or flame cutting with a straight edge."

c. Paragraph C2L-12.6. Add as the first sentence "The use of the pile driving analyzer is required if the Contractor elects to use the prestressed concrete pile option."

(16) Page C2L-14.

a. Paragraph C2L-14.1. Delete the 1st sentence in its entirety and substitute "Payment for furnishing and delivering the

required lengths of permanent piles will be made at the applicable contract unit price per linear foot for "Furnish and Deliver Piles(Prestressed Concrete)" or "Furnish and Deliver Piles(Steel H-Piles)".

b. Paragraph C2L-14.2. Delete the 1st sentence in its entirety and substitute "Payment for driving permanent piles will be made at the applicable contract unit price per linear foot for "Driving Piles(Prestressed Concrete)" or "Driving Piles(Steel H-Piles)". In the 5th line, after "installing," add "splicing of steel H-piles,".

(17) Page C2L-15.

a. Paragraph C2L-14.3.1.1. Change "Furnish and Deliver Prestressed Concrete Piles" to "Furnish and Deliver Piles(Prestressed Concrete)" or "Furnish and Deliver Piles(Steel H-Piles)".

b. Paragraphs C2L-14.3.1.2, C2L-14.3.1.3, and C2L-14.3.1.4. Change "Driving Prestressed Concrete Piles" to ""Driving Piles(Prestressed Concrete)" or "Driving Piles(Steel H-Piles)"."

(18) Page C5A-5. Add the following new paragraph after paragraph C5A-4.5.

"C5A-4.5.1 Security Door. A security door shall be provided for each ladder as shown. Ladders shall be fabricated of steel conforming to ASTM A 36, and shall be galvanized after fabrication as specified in C5B-15.1.1. Expanded metal for the security door shall be galvanized carbon steel flattened mesh, size 1/2 inch, overall thickness of 0.050 inches. Field weld damaged areas shall be coated as specified in C5B-15.1.1."

(19) Page C9A-31, paragraph C9A-12.2, SYSTEM 6. Add "12 inch diameter casing pipe and" before "Both sides of sheet pile".

(20) Page C16B-1.

a. Paragraph C16B-2. After the last sentence add "Feeder 340 was installed in 1969, Feeder 400 was installed in 1959, and Feeder 432 was installed in 1946."

b. Paragraph C16B-2.1.1. After the last sentence add: "Additionally, Corps of Engineers safety requirements necessitate the use of lockout/tagout procedures in compliance with the October 1992 edition of EM 385-1-1. Lockout/tagout procedures shall be developed in conjunction with S&WB."

c. Paragraph C16B-2.1.4. Delete the portion of the sentence after "immediate supervisor" in the third line.

(21) Page C16B-2, paragraph C16B-2. Add the following new paragraph after paragraph C16B-2.2:

"C16B-2.3. Be advised that S&WB may deny a deenergizing request due to prevailing weather conditions and such denial may impact work dependent on deenergization or movement of the feeder."

(22) Page C16B-3, paragraph C16B-6.3. Add "A plan of operation for moving the feeders to their temporary and permanent locations shall be included." to the end of the paragraph.

b. Add the following new paragraph C16B-6.4 after paragraph C16B-6.3.

"C16B-6.4. Hazardous Energy Control Plan. The Contractor shall develop and submit a hazardous energy control plan. Requirements are specified in EM 385-1-1, October 1992 edition. Lockout/tagout procedures shall be developed in conjunction with S&WB."

(23) Page C16B-4, paragraph C16B-8.1.2. After the last sentence add "A plan for protecting the feeders during construction activities shall be developed and submitted for approval."

(24) Page C16B-13, paragraph C16B-18.1. At the end of the paragraph add the following new sentence: "All newly installed or disturbed buried feeders shall be encapsulated in concrete."

(25) Page C16B-15, paragraph C16B-25. In the third line add the word "new" after the phrase "Hi-Pot testing of all".

#### SECTION H

(1) Page H-23.

a. Subparagraph H-23a. In the first line, delete "a. Residential Areas".

b. Delete subparagraphs H-23b and H-23c in their entirety.

(2) Page H-28, subparagraph H-29.a.(3). In the last line of this subparagraph change "term of the policy" to "term of the policy. (New Orleans Terminal Company is a subsidiary of Norfolk Southern Railway."

(3) Page H-38, subparagraph H-34.d.3. Insert the following before the last sentence: "The Contractor shall remove and replace the chain link and wrought iron fences that intersect the floodwall to facilitate floodwall construction. Fences shall be restored to their original condition and any damage thereto shall be repaired by the Contractor at no additional cost to the Government."

(4) Page H-41, subparagraph H-38.a. Delete the 4th and 5th sentences in their entirety and substitute "The negative molds will be available for the Contractor's use on January 6, 1994." therefor.

#### DRAWINGS

Drawings, File No. H-4-40145. Delete Dwgs. 21A, 43A, and 47 of 58 in their entirety and substitute the attached revised Dwgs. 21A, 43A, and 47 of 58 therefor. Make the pen and ink changes as described below.

(1) Dwgs. 32 and 33 of 58, LEGEND. Add the following note: "FOR ALTERNATE PILE TYPE, SEE DWG. 43A AND SPECIFICATIONS."

(2) Dwg. 43 of 58.

a. SECTION - FALSEWORK SPAN. 1. Delete, "CUT OFF AT EL. OF BOTTOM OF STAB. SLAB UPON COMPLETION OF MONOLITH CONSTRUCTION", after "14"φ X .375" STEEL PIPE PILES". 2. Delete "6"φ NEW PVC WATERLINE ENCLOSED IN 8"φ STEEL CONDUIT (EAST SIDE ONLY)" and replace with "4"φ NEW PVC WATERLINE ENCLOSED IN 12"φ STEEL PIPE (EAST SIDE ONLY)".

b. SECTION - FALSEWORK PARTIALLY REMOVED. Delete "6"φ NEW PVC WATERLINE ENCLOSED IN 8"φ STEEL CONDUIT (EAST SIDE ONLY), SEE DWG. 47", and replace with "4"φ NEW PVC WATERLINE ENCLOSED IN 12"φ STEEL PIPE (EAST SIDE ONLY) SEE DWG. 47".

c. PLAN - FALSEWORK. Add the following note: "NOTE: PROBE FOR EXISTING WATERLINE, W-2, ON THE CANAL SIDE OF THE EAST GATE MONOLITH PRIOR TO DRIVING THE 14"φ STEEL PIPE PILES. THE 4'-3" DIMENSION MAY BE ADJUSTED FROM A MINIMUM OF 3'-3" TO A MAXIMUM OF 5"-3" TO AVOID INTERFERENCE WITH W-2."



## SOLICITATION NO. DACW29-93-B-0080

## BIDDING SCHEDULE

(To be attached to Bid Form)

LAKE PONTCHARTRAIN, LOUISIANA AND VICINITY, HIGH LEVEL PLAN  
 LONDON AVE. OUTFALL CANAL, PARALLEL PROTECTION,  
 PUMPING STATION NO. 3 TO MIRABEAU AVE. FLOODWALL,  
 ORLEANS PARISH, LOUISIANA

Item No.	Description	Estimated Quantity	Unit	Unit Price	Est. Amt.
0001.	Mobilization and Demobilization	Lump Sum	LS		
0002.	Clearing and Grubbing	Lump Sum	LS		
0003.	Selective Demolition	Lump Sum	LS		
0004.	Pedestrian Bridge Demolition	Lump Sum	LS		
0005.	Embankment, Semicompacted Fill	Lump Sum	LS		
0006.	Structural Excavation and Backfill	Lump Sum	LS		
0007.	Fertilizing and Seeding	Lump Sum	LS		
0008.	Temporary Falsework for Gates	Lump Sum	LS		
0009.	Piling, Steel Sheet, Type PZ-22	273,650	SF		
0010.	Piling, Steel Sheet, Type PSA-23	1,110	SF		
**	OPTION 1				
**0011.	Furnish and Deliver Piles (Prestressed Concrete)	2,020	LF		
**0012.	Driving Piles (Prestressed Concrete)	2,020	LF		
**	OPTION 2				
**0011.	Furnish and Deliver Piles (Steel H-Piles)	2,020	LF		
**0012.	Driving Piles (Steel H-Piles)	2,020	LF		
0013.	Reinforced Concrete Floodwalls	Lump Sum	LS		
0014.	Utility Modifications	Lump Sum	LS		

## SOLICITATION NO. DACW29-93-B-0080

## BIDDING SCHEDULE

(To be attached to Bid Form)

LAKE PONTCHARTRAIN, LOUISIANA AND VICINITY, HIGH LEVEL PLAN  
 LONDON AVE. OUTFALL CANAL, PARALLEL PROTECTION,  
 PUMPING STATION NO. 3 TO MIRABEAU AVE. FLOODWALL,  
 ORLEANS PARISH, LOUISIANA

Item No.	Description	Estimated Quantity	Unit	Unit Price	Est. Amt.
0015.	Temporary Relocation Of Feeder Lines	Lump Sum	LS		
0016.	Permanent Relocation Of Feeder Lines	Lump Sum	LS		
0017.	Structural Steel Gates, and Miscellaneous Metals	Lump Sum	LS		
0018.	Painting	Lump Sum	LS		
0019.	Railroad Insurance	Lump Sum	LS		
0020.	Temporary Flood Protection And Cofferdams	Lump Sum	LS		
0021.	State Required Performance Bond	Lump Sum	LS		
0022.	Erosion Control				
0022AA.	First 13,900	13,900	LF		
0022AB.	All Over 13,900	1,450	LF		
TOTAL				\$	

\*\* Note: Bidders may bid on Item 0011 and 0012, Option 1 or Option 2, but not both.

Award will be made as a whole to one bidder.

NOTE: Bidders shall furnish unit prices for all items listed on schedule of bid items which require unit prices. If the bidder fails to insert a unit price in the appropriate blank for required items but does furnish an extended total or an estimated amount for such items, the Government will deem his unit price to be the quotient obtained by dividing the extended estimated amount for that line item by the quantity. IF THE BIDDER OMITTS BOTH THE UNIT PRICE AND THE EXTENDED ESTIMATED AMOUNT FOR ANY REQUIRED ITEM, HIS BID WILL BE DECLARED NON-RESPONSIVE. The quantities shown on Bid Item 0022AB are for evaluation purposes. Payment for these items will be made on the basis of actual quantities used.