

Addendum No. 1

OIL DOCK #3 CRANE SUPPORTS AND PILINGS

April 16, 2020

1. CHANGES TO BID OPENING DATE AND TIME

- a. The **Bid Opening Date** has been changed from **2:30 P.M. C.D.T. on Tuesday, April 21, 2020** to **2:30 P.M. C.D.T. on Friday, April 24, 2020**.

2. CLARIFICATIONS AND ANSWERS TO BIDDERS' QUESTIONS

BIDDERS' QUESTIONS	BND'S RESPONSES
1. Are the pilings considered only in wood or is there a steel option alternate?	Alternate Bid pilings are specified as timber piles, but use of equivalent steel piles is an acceptable option.
2. What are the dimensions of the pins?	Drawings will include the 1 inch pin dimension.
3. Is there a specific order in removing the deck or adding the piles?	Decking will only be removed as needed. Decking removal shall be subsidiary to other pay items and shall not be paid for separately.
4. What type of coating will be used?	Coating specification has been added and is included in this Addendum.
5. Is the installing of the crane in the contractor's scope of work?	This projects Scope does not include installation of the crane. That will be done by others.
6. Will 60 days be sufficient to complete all work?	BND does require for this work to be performed expeditiously. Project time will be changed to 90 days from Notice to Proceed.
7. How should the contractor submit a bid?	Bids must be submitted in hard copy in a sealed envelope clearly marked with the project name and the bidder's name. If mailed or overnighted, the sealed bid envelope should be inside the overnight courier or mail envelope.
8. How will the Bid Opening be done?	Bidders can attend Bid opening by phone.
9. Will the Oil Dock continue operating during construction?	Oil Dock #3 will be shut down during construction of these improvements.
10. Is any pile with over 20% section lost be replaced as Note #4 specifies?	This note is modified. Only piles shown will be installed. Removal of existing piles is not required.

BIDDERS' QUESTIONS	BND'S RESPONSES
11. Will any pile that is found sectionalized need to be removed?	As stated above, Note #4 has been modified.
12. Will removal of the decking be required?	Contractor will remove the decking as needed to install the new piles. Only remove the portion of the decking in the way of the new piles.
13. Will coating on the sleeve structure be hot-dipped galvanized?	No. Coating on the sleeve structure shall be coal-tar epoxy as per the attached specification.
14. Will any part of the structure be hot-dipped galvanized?	Only the crane support structure will be hot-dipped galvanized.
15. Will there be a Drip Pan below the crane support structure?	The crane has an internal Drip Pan, so this work will not include a drip pan.
16. Will contractor be responsible for any heavy lifting?	Heavy lifting shall be by the local Barge Crane. A Bid item has been added to the Bid Form.
17. What is the weight of the crane?	Crane weighs about 20,000 lbs. It will be lifted in pieces, not all at once.
18. Can stabilizing pile be Southern Yellow Pine vs. Douglas Fir shown on plans?	Southern Yellow Pine is allowed. Drawings have been revised to so state.

3. ADDITIONAL CLARIFICATIONS:

- a. As stated in question 15 above, Contractor shall assist in lifting the new crane elements after installation of the new crane supports and support structure.
- b. Contractor shall remove the existing crane and support structure in order to make room to install the new crane support structure. A bid item has been added to the **Bid Form** for that concept. This will be **Additive Bid #1**.
- c. Installation of the support piles shall be **Additive Bid #2**, as shown in the revised **Bid Form**.
- d. The BND reserves the right to award the bid on the basis of the Base Bid, the Base Bid plus either Additive Bid, or the Base Bid plus both Additive Bids.
- e. Please provide cost of materials for Base Bid items and Additive Bid #2 items.

Bid Form

OIL DOCK #3 CRANE SUPPORTS AND PILINGS

Place: Board of Commissioners - Brownsville Navigation District
1000 Foust Road
Brownsville, Texas 78521

Due Date: Before **2:30 P.M. C.D.T.; Friday, April 24, 2020.**

Proposal of _____ hereinafter called BIDDER, a corporation organized and existing under the laws of the State of _____, or a partnership or an individual doing business as _____.

To: The Brownsville Navigation District, Texas, hereinafter called OWNER.

Gentlemen:

The BIDDER, in compliance with your invitation for bids for the "**OIL DOCK #3 CRANE SUPPORTS AND PILINGS**" project, having examined the drawings and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of materials and labor, hereby proposes to furnish all labor, materials and supplies, and to construct the project in accordance with the contract documents, within the time set forth herein, and at the attached unit prices. These price(s) are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part. These price(s) are firm and shall not be subject to adjustment provided this Proposal is accepted within ninety (90) days after the time set for receipt of proposals.

BIDDER hereby agrees to commence work under this contract on or before a date to be specified in a written "Notice to Proceed" to be issued by the OWNER and to fully complete the project within 60 (sixty) calendar days, as defined in the specifications. BIDDER further agrees to pay as liquidated damages, the sum of five hundred (\$500.00) dollars for each consecutive calendar day thereafter as hereinafter provided in Article 3 of the Agreement.

BIDDER agrees to perform all work for which he contracts as described in the specifications and as shown on the plans, for the attached unit prices:

SUBCONTRACTORS. BIDDER proposes that he will perform the majority of the work at the project site with his own forces and that specific portions of the work not performed by the BIDDER will be subcontracted and performed by the following subcontractors.

Subcontracted Work	Name of Subcontractor
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

OIL DOCK #3 CRANE SUPPORTS AND PILINGS

BIDDER Agrees to perform all the work described in the Contract Documents
for the following Unit Prices (which include any and all applicable taxes and fees):

April 24, 2020

BASE BID – CRANE SUPPORTS AND PLATFORM:

ITEM	DESCRIPTION	EST QTY	UNIT COST	AMOUNT
1	MOBILIZATION AND DEMOBILIZATION	1 LS		
2	12" – 83 FT. LONG STEEL PIPE PILE, SCH. 80 ASTM A53 GRADE B: FURNISH & INSTALL COMPLETE INCLUDING SLEEVE STRUCTURE AND ALL APPURTENANCES.	4 EA		
3	STEEL PLATFORM FOR CRANE INSTALLATION COMPLETE WITH ALL PIPES AND BEAMS AS SHOWN IN DRAWINGS: FURNISH & INSTALL	1 LS		
4	ASSIST WITH NEW CRANE INSTALLATION.			
TOTAL BASE BID FOR CRANE SUPPORTS AND PLATFORM:				
COST OF MATERIALS FOR CRANE SUPPORTS AND PLATFORM:				

ADDITIVE BID #1 – EXISTING CRANE STRUCTURE REMOVAL:

ITEM	DESCRIPTION	EST QTY	UNIT COST	AMOUNT
A1	REMOVE EXISTING CRANE SUPPORT STRUCTURE, INCLUDING NUTS, BOLTS, BEAMS AND ALL COMPONENTS OBSTRUCTING INSTALLATION OF NEW CRANE SUPPORT STRUCTURE	4 EA		
TOTAL ADDITIVE BID #1 FOR EXISTING CRANE STRUCTURE REMOVAL:				
SUBTOTAL BID #1 (BASE BID PLUS ALTERNATE BID #1):				

ADDITIVE BID #2 – STABILIZING PILINGS:

ITEM	DESCRIPTION	EST QTY	UNIT COST	AMOUNT
B1	12" – 70 FT. LONG TIMBER PILE FOR DOCK STABILIZATION AND SUPPORT AS SHOWN IN DRAWINGS: FURNISH & INSTALL	4 EA		
B2	12" – 65 FT. LONG TIMBER PILE FOR DOCK STABILIZATION AND SUPPORT AS SHOWN IN DRAWINGS: FURNISH & INSTALL	8 EA		
B3	12" x 2" CROSS BRACING ON TIMBER PILES: FURNISH & INSTALL COMPLETE WITH NUTS, BOLTS AND NECESSARY APPURTENANCES	12 SET		
TOTAL ADDITIVE BID #2 FOR STABILIZING PILINGS:				
COST OF MATERIALS FOR STABILIZING PILINGS:				
SUBTOTAL BID #2 (BASE BID PLUS ALTERNATE BID #2):				
TOTAL BID (BASE BID PLUS ALTERNATE BIDS #1 AND #2):				

BIDDER Acknowledges receipt of the following addenda:

In case of discrepancy, the unit price amount shall govern.

The above included prices shall include all labor, materials, excavation, bailing, shoring, removal, backfill, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.

BIDDER understands that the OWNER reserves the right to reject any or all bids and to waive any informalities in the bidding.

BIDDER agrees that this Bid shall be good and may not be withdrawn for a period of ninety (90) days after the scheduled closing time for receiving bids.

The undersigned hereby declares that only the persons or firms interested in the proposal as principal or principals are named herein, and that no other persons or firms than are herein mentioned have any interest in this Proposal or in the contract to be entered into; that this Proposal is made without connection with any other person, company, or parties likewise submitting a Bid or proposal; and that it is in all respects for and in good faith, without collusion or fraud.

Upon receipt of written notice of the acceptance of this Bid, BIDDER will execute the formal contract attached within ten (10) days and deliver the Performance and Payment Bonds and Insurance Certificates as required under the GENERAL CONDITIONS. The Bid security attached in the sum of _____ (\$ _____) is to become the property of the OWNER in the event the contract, bonds, and insurance certificates are not executed or delivered within the time above set forth, as mutually agreed to liquidated damages and not as a penalty for the delay and additional administrative expense to the OWNER caused thereby; otherwise the Bid security will be returned upon the signing of the contract and delivering the approved bonds and insurance certificates.

Respectfully submitted,

By: _____

Seal affixed here
if BID is by a
Corporation

Title

Address

Attest: _____

Coating of Steel Waterfront Structures

OIL DOCK #3 CRANE SUPPORTS AND PILINGS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. The steel members, splice plates and plate washers for the crane support structure shall be coated per the following:
 - 1. Coal tar epoxy coating per this specification.

1.02 REFERENCES

- A. The publications 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.
 - 1. ASTM International (ASTM):
 - a. D1186, Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to a Ferrous Base.
 - b. E376, Measuring Coating Thickness by Magnetic-Field or Eddy-Current (Electromagnetic) Test Methods.
 - 2. The Steel Structures Painting Council (SSPC):
 - a. Paint 16, Coal Tar Epoxy Paint.

1.03 SUBMITTALS (PER SECTION 01 33 00)

Manufacturer's Catalog Data: Submit copies of coating manufacturer's printed product data.

1.04 COATING APPLICATIONS

The coatings shall be installed per this specification and the manufacturer's recommendations.

1.05 SAFETY AND HEALTH PRECAUTIONS

Follow safety procedures as recommended by manufacturer.

1.06 HANDLING OF COATED MATERIAL

- A. Coated material shall be handled carefully with slings that will not mar the coating. All areas marred in handling, shipping, erecting, or pile-driving shall be recoated.

as soon as possible after they are discovered, using the techniques set out in this Specification.

- B. Coated pieces shall be shipped and stored with padded dunnage separating pieces and with pads under tie down chains or straps. Coated material shall not be stacked more than 42 inches high.
- C. No markings shall be made on members with lead based paints, grease crayon or other material that is incompatible with the coating. If marking is necessary, use a coal-tar enamel or stamp markings.
- D. Surfaces coated with coal-tar epoxy shall not be installed until the coating has cured for at least 7 days. Piling coated with coal-tar epoxy shall not be driven until the coating has cured for at least 7 days.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. The members shall be coated per Paragraph 1.01A.
- B. The following coal tar coating per SSPC paint 16 shall be used or Engineer approved equal.
 - 1. Primer as recommended by the manufacturer.
 - 2. First Coat: coal tar epoxy, Tnemec 46-413TNEME-TAR, Coal Tar Epoxy manufactured by Tnemec Co., Inc. (COE C-200, SSPC 16-68T).
 - 3. Second Coat: coal tar epoxy, Tnemec 46-413TNEME-TAR, Coal Tar Epoxy manufactured by Tnemec Co., Inc. (COE C-200, SSPC 16-68T).

(ALTERNATE OPTION):

- 1. Primer as recommended by the manufacturer.
- 2. First Coat: coal tar epoxy Bitumastic No. 300-M High Build, Coal Tar Epoxy, manufactured by Kop-Coat, Inc., (COE C-200, SSPC Paint 16).
- 3. Second Coat: coal tar epoxy Bitumastic No. 300-M High Build, Coal Tar Epoxy, manufactured by Kop-Coat, Inc., (COE C-200, SSPC Paint 16).

PART 3 - EXECUTION

3.01 CLEANING AND PREPARATION OF SURFACES

Cleaning and preparation of surfaces shall be per manufacturer's and SSPC requirements.

3.02 PROPORTIONING AND MIXING OF COATING SYSTEM

Proportion and mix shall be manufacturer's requirements.

3.03 COATING APPLICATION

- A. Coating shall be per manufacturer's requirements.
- B. Two-Coat Coal Tar Epoxy System: Apply 2 coats at a dry film thickness of not less than 8 to 10 mils each. Provide total system minimum dry film thickness of at least 16 mils and not more than 20 mils. Measure using a magnetic gauge.

3.04 TOUCH UP AND REPAIR OF DAMAGE

Coatings shall be repaired in accordance with the manufacturer's recommendation.

3.05 FIELD TESTS

- A. Holiday Testing: Prior to installation, test for holidays in total coating system. Use a low-voltage holiday detector of less than 90 volts in accordance with manufacturer's instructions. After repair of holidays by surface treatment and application of additional coating or by manufacturer's recommendation, retest with a low-voltage holiday detector.
- B. Dry Film Thickness: After repair of holidays, measure dry film thickness using a magnetic dry film thickness gage in accordance with ASTM D1186 and ASTM E376.

END OF SECTION