

# Addendum No. 1

## OIL DOCK #6 BULKHEAD REPAIRS

June 22, 2021

### 1. CHANGES TO BID OPENING DATE AND TIME

- a. The **Bid Opening Date** has been changed from **4:00 P.M. C.D.T. on Monday, June 28, 2021** to **11:00 A.M. C.D.T. on Tuesday, June 29, 2021**.

### 2. CHANGES TO BID FORM

- a. The Bid Items Tabulation in the **Bid Form** has been changed. The revised **Bid Form** is attached to this **Addendum No. 1**.

Bidders must submit the attached **Bid Form** with their bid.

### 3. CLARIFICATIONS AND ANSWERS TO BIDDERS' QUESTIONS

BIDDERS' QUESTIONS	OWNER'S RESPONSES
1. Is Builders Risk Insurance required?	Builder's Risk Insurance is required.
2. Does the contractor need to provide 1 year warranty?	Yes, contractor will be expected to warrant his materials and workmanship for 1 year.
3. Is there a designated area for laydown/ staging area?	The two areas designated for laydown are the areas adjacent to the East and West ends of the Oil Dock #6 Bulkhead, as pointed out in the Pre-Bid Meeting.
4. If the riprap is supplied by land, is there a designated dock and stevedore to load into a barge?	Contractor will need to make arrangements with a Port stevedoring company for delivery of any materials.
5. Will the BND be requiring USL&H insurance coverage for this project?	<b>United States Longshore &amp; Harbor (USL&amp;H) Workers Coverage:</b> The successful bidder shall submit with his insurance certificates evidence of USL&H insurance coverage for this project.
6. Are HSS walers coated, galvanized or bare?	All steel HSS sections shall be coated with a two-coat coal tar epoxy-polyamide system as outlined in section 09 97 13.26, paragraph 3.4.1.
7. Do the tie-rods have any type of coating? Sheet 2 note #4 under structural steel says uncoated, but spec section 09 97 13.28 is provided which references various type of coatings for bulkhead tie-rods.	The uncoated tie-rods shall be wrapped in accordance with specifications section 09 97 13.28, paragraph 2.1.1.
8. Please clarify the spec on the bedding stone. It appears this would be asking for a 3/4" rock. We have a 1" stone that would be the nearest alternative. Would that be acceptable?	Please refer to Additional Clarifications item "4.b", in the notes below, for the bedding stone specifications.

BIDDERS' QUESTIONS	OWNER'S RESPONSES
9. We are wondering if the table for the bedding stone is correct, since it is calling for 'lighter' from 4" down to the 3/4", does this mean the bedding stone requirement is a 3/4" aggregate?	Please refer to Additional Clarifications item "4.b", in the notes below, for the bedding stone specifications.
10. Could bid date be moved back by one day?	The Bid Opening date will be moved to Tuesday, June 29, 2021 at 11:00 AM CDT.
11. Due to the long lead time for material deliveries and because the placement of the stone has to be completed before the land side work can begin, could the amount of time for project completion be extended by 90 days for notice to proceed?	<p>The design is predicated on the dry unit weight (bulk density) of the bedding material and rock rip-rap being equal to 110 pcf; accounting for a percent void space of 30%. Based on the above, the effective unit weight (submerged weight) of the material is required to be a minimum of 46 pcf.</p> <p>If materials procurement is an issue, project timeline will be adjusted or extended as required. Contractors may submit value engineered proposals for consideration, and selection of successful bidder will be based on the best value (schedule and cost) to the BND.</p>
12. On table one 35 31 19, page 7, table 1 reads US Standard Sieve. Shouldn't percentage read passing instead of lighter?	No. See table 2 Standard Sizes for Spalls and Filter/Bedding Stone in ASTM D6092. Also shown in Additional Clarifications item "1.b", in Table 1a below, for the bedding stone specifications.

4. **ADDITIONAL CLARIFICATIONS:**

a. **DRAWINGS**

1. On sheet 17 of the drawings add note: "Existing gap between top of settled bulkhead wall stage 1 concrete cap and bottom of MS5 and MS6 shall be formed and filled with concrete".

b. **SPECIFICATIONS**

1. Specification 35 31 19, STONE, CHANNEL, SHORELINE PROTECTION FOR STRUCTURES:

- a. Replace the 3<sup>rd</sup> paragraph of Article 2.1.1.A with the following:

"Bedding size (gradation) shall conform to the requirements specified below in Table 1a OR 1b."

Table 1a Requirements for Bedding Material (ASTM D6092 – FS2)	
U.S. Standard Sieve Size	% Finer By Weight
2 in.	100%
3/4 in.	85-100%
#4	15-50%
#100	0-15%

Table 1b Requirements for Bedding Material (TxDOT - #57 Stone)	
U.S. Standard Sieve Size	% Passing
1 - 1 1/2 in.	100%
1 in.	95-100%
3/4 in.	
½ in.	25-60%
3/8 in.	
#4	0-10%
#8	0-5%

# Bid Form

## OIL DOCK #6 BULKHEAD REPAIRS

Bid to: Brownsville Navigation District  
1000 Foust Road  
Brownsville, Texas 78521

Due Date: Before **11:00 A.M. C.D.T. on Tuesday, June 29, 2021.**

Bid by \_\_\_\_\_ 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 #6 BULKHEAD REPAIRS**" 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 bid is a part. These price(s) are firm and shall not be subject to adjustment provided this Bid is accepted within ninety (90) days after the time set for receipt of bids.

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 one hundred and twenty (120) 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. The undersigned 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 undersigned will be subcontracted and performed by the following subcontractors.

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

## OIL DOCK #6 BULKHEAD REPAIRS

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):

June 29, 2021

### BULKHEAD REPAIRS:

#	DESCRIPTION	EST. QTY.	UNIT COST	AMOUNT
<b>B.1</b>	<b>MOBILIZATION</b>	1 LS		
<b>B.2</b>	<b>GRADED ROCK RIPRAP (GRR)</b>			
a.	FURNISH AND INSTALL BEDDING LAYER (UNIT PRICE BID ITEM)	3594 CY		
b.	FURNISH AND INSTALL ARMOR GRR (UNIT PRICE BID ITEM)	3402 CY		
<b>B.3</b>	<b>DEMOLITION</b>			
a.	REMOVE EXISTING CONCRETE STEPS (INCLUDES LOADING, HAULING AND DISPOSAL AT BND SPECIFIED LOCATION)	2 EA		
b.	REMOVE EXISTING CONCRETE SIDEWALK (INCLUDES LOADING, HAULING AND DISPOSAL AT BND SPECIFIED LOCATION)	65 CY		
c.	REMOVE STAGE II BULKHEAD CAP (INCLUDES LOADING, HAULING AND DISPOSAL AT BND SPECIFIED LOCATION)	3 CY		
d.	REMOVE EXISTING HOT MIX ASPHALTIC CONCRETE (HMAC) PAVEMENT (INCLUDES MILLING, LOADING, HAULING AND DISPOSAL)	527 CY		
<b>B.4</b>	<b>EXCAVATION</b>			
a.	EXCAVATE EXISTING CRUSHED LIMESTONE BASE COURSE (INCLUDE LOADING, HAULING AND STOCKPILING FOR FUTURE REUSE)	362 CY		
b.	EXCAVATE EXISTING SOILS BELOW CRUSHED LIMESTONE BASE COURSE (INCLUDES LOADING, HAULING AND STOCKPILING FOR FUTURE REUSE)	362 CY		
<b>B.5</b>	<b>SHEETPILE BULKHEAD ANCHORAGE &amp; BULKHEAD CAP REPAIRS</b>			
a.	FURNISH AND INSTALL NEW COATED STEEL HSS WALER NO. 1 (INCLUDES REMOVAL OF CONCRETE PROTRUSIONS ON NORTH END OF EXISTING ANCHOR FRAME CAPS, FABRICATION AND COATING OF NEW WALERS, INSTALLATION OF WALERS AND GROUTING BETWEEN NEW WALERS AND EXISTING CAPS) (3,578.78 LBS)	6 EA		
b.	FURNISH AND INSTALL NEW COATED STEEL HSS WALER NO. 1 AND 3 (INCLUDES REMOVAL OF CONCRETE PROTRUSIONS ON NORTH END OF EXISTING ANCHOR FRAME CAPS, FABRICATION AND COATING OF NEW WALERS, INSTALLATION OF WALERS AND GROUTING BETWEEN NEW WALERS AND EXISTING CAPS) (5,542.84 LBS)	2 EA		

**BULKHEAD REPAIRS:**

#	DESCRIPTION	EST. QTY.	UNIT COST	AMOUNT
c.	CORE DRILL EXISTING STAGE I BULKHEAD CAP TO RECEIVE ANCHOR RODS (INCLUDES DRILLING THROUGH CORE, POCKET CORE AND CHIPPING SMOOTH THE CORE VERTICAL SURFACE TO RECEIVE BASEPLATE)	24 EA		
d.	FURNISH AND INSTALL NEW ANCHOR RODS (INCLUDES ANCHORAGE HARDWARE, CORROSION PROTECTION, ENCASEMENT, PRE-TENSIONING AND GROUTING)	24 EA		
e.	FURNISH AND INSTALL NEW MARINE CONCRETE TO RAISE ELEVATION OF EXISTING STAGE II CAP (INCLUDES DRILLING AND BONDING NEW REINFORCEMENT, PREPARING SURFACE, FORMING, PLACING AND CURING NEW MARINE CONCRETE)	5 CY		
B.6	BACKFILL (INCLUDES LOADING, HAULING, PLACING AND COMPACTION OF PREVIOUSLY EXCAVATED SOILS BELOW CRUSHED LIMESTONE BASE COURSE).	362 CY		
B.7	FURNISH AND INSTALL GEOTEXTILE AND GEOGRID FOR ROADWAY	732 SY		
B.8	CRUSHED LIMESTONE BASE COURSE (INCLUDES LOADING, HAULING, PLACING AND COMPACTION OF PREVIOUSLY EXCAVATED CRUSHED LIMESTONE BASE COURSE)	362 CY		
B.9	FURNISH AND INSTALL NEW CONCRETE SIDEWALK (INCLUDES EXCAVATION, FORMWORK, EXPANSION JOINTS, REINFORCING, PLACING, FINISHING, JOINTING, CURING AND SEALING)	61 CY		
B.10	FURNISH AND INSTALL 3" HMAC PAVEMENT	527 SY		
B.11	FURNISH AND INSTALL NEW REINFORCED CONCRETE STEPS AT MOORING STRUCTURES (INCLUDES SETTING DOWELS, FORMWORK, REINFORCING, PLACING, FINISHING AND CURING)	2 EA		
B.12	WATERSIDE WORK STAND-BY TIME (UNIT PRICE BID ITEM)	3 DAY		
B.13	LANDSIDE WORK STAND-BY TIME (UNIT PRICE BID ITEM)	5 DAY		

**TOTAL BASE BID FOR ALL WORK UNDER THIS CONTRACT:**

**NOTES:**

The cost for all labor and materials required for the successful and functional completion of each of the bid items shall be included in the bid price, shall be subsidiary to the corresponding bid item, and shall not be paid for separately.

The Brownsville Navigation District is exempt from sales taxes.

BIDDER Acknowledges receipt of the following addenda:

**Addendum No. 1 (6/22/2021)**

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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, permits, 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 bid as principal or principals are named herein, and that no other persons or firms than are herein mentioned have any interest in this Bid or in the contract to be entered into; that this Bid is made without connection with any other person, company, or parties likewise submitting a Bid; 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: \_\_\_\_\_  
Signature

Seal affixed here  
if BID is by a  
Corporation

\_\_\_\_\_  
Officer's Name

\_\_\_\_\_  
Officer's Title

\_\_\_\_\_  
Address

Attest: \_\_\_\_\_