

**ADDENDUM NO.2 TO BID DOCUMENTS FOR THE
TERREBONNE BAY SHORELINE DEMONSTRATION (TE-0045)
FEATURES REMOVAL PROJECT**

TERREBONNE PARISH, LOUISIANA



**STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY**

March 10, 2020

TERREBONNE BAY SHORELINE DEMONSTRATION (TE-0045) FEATURES REMOVAL PROJECT

The interpretations, corrections, or changes in this addendum supersede the requirements in the Bid Documents dated December 2019. The Successful Bidder shall be issued a revised set of Contract Documents.

Bidders shall acknowledge receipt of this addendum in the Louisiana Public Work Bid Form.

I. General

1. The Opinion of Probable Construction Cost is \$350,000 to \$400,000.

II. Clarifications to Bid Documents

Specifications

1. The bid quantity for Ref. No. 8, Permanent Warning Signs Removal, is changed from 4 to Quantity: 6 Each. See Attachment A, Revised Louisiana Uniform Public Work Bid Form.

Plans

1. Plan Sheet 2, Summary of Estimated Quantities, Item No. 8 PERMANENT WARNING SIGNS REMOVAL, change Estimated Quantity from 4 Each to 6 Each. See Attachment B, Revised Plan Sheet 2.

III. Contractor Questions

Q1. Will a contractor's license specialty classification in Coastal Restoration & Habitat Enhancement be an acceptable alternative to Heavy Construction Class III: Shoreline Protection Removal? While Class III – Heavy Construction is a listed major classification, shoreline protection removal doesn't appear to be a sub-classification listed on the Louisiana State Licensing Board for Contractors website. (<http://www.lslbc.louisiana.gov/examsclassifications/>). The classification description for Heavy Construction in the online bulletin states: "Refers to construction activities related to industrial facilities, navigation, flood diversion, coastal restoration, habitat enhancement, railroads, and oilfields." It appears this type of work would fall under the Coastal Restoration & Habitat Enhancement portion of this description. Please consider the specialty classification in Coastal Restoration & Habitat Enhancement as an acceptable alternative classification.

A1. The question of Construction Contractor's license specialty classification was addressed and the classification was changed in Addendum No. 1, dated March 5, 2020. In addition to the construction license classifications outlined in Addendum No.1, we are adding "**OR Coastal Restoration & Habitat Enhancement**" as a specialty classification under this addendum.

Q2. Do the surveys need to be stamped by PLS or PE licensed in the state of Louisiana? For the Pre-construction survey, are cross sections required in 50 ft. intervals similar to what is being requested in the as-built specification?

A2. The surveys are to be stamped by Louisiana Licensed Surveyor. Yes, 50-foot intervals are to be used for both Pre-Construction and Post Construction/As-Built surveys.

Q3. If an anchor breaks below the mudline, will it be acceptable to leave it in place, or will it be required to dig it out and removed completely?

A3. If an anchor threaded eyelet breaks upon removal, the Contractor shall to cut the anchor 5 feet below the mudline.

Q4. Can work occur 6 or 7 days per week instead of 5 days a week as indicated?

A4. Contractor work on weekends, 6 or 7 days per week, will be acceptable to CPRA.

Q5. Does contractor need to remove all stone from water bottom if marine mattresses break open upon removal or can incidental stone spill be left onsite?

A5. All gabion mats to be removed as much as practical and not left as a navigation obstruction.

Q6. Can you provide the width of the proposed access route?

A6. The width of the construction access route is 100 feet wide along the legs of the route shown on Plan Sheet 3. The Access Route must be adhered to.

Q7. Does the proposed access route need to be staked and if so what is the staking interval?

A7. The proposed access route for construction is to be staked at 100-foot intervals.

Q8. Section 5.2.2 Magnetometer Survey access route, can you provide the spacing of the perpendicular additional track lines and also is this for both magnetometer and bathymetric surveys?

A8. For Magnetometer Surveys and Bathymetric Surveys, the spacing of the track lines shall be at 100 feet.

Q9. Section 5.2 Pre-Construction Surveys, can you verify that the transects to be surveyed are the original survey transects as shown on the plans at 100' spacing and extending onshore?

A9. Yes, the transects are the original survey transects. The Contractor is to take his own cross-sections/transects as part of the Pre and Post Construction Surveys.

**ADDENDUM No. 2 TO BID DOCUMENTS
FOR**

**TERREBONNE BAY SHORELINE
DEMONSTRATION – FEATURES REMOVAL
(TE-0045)**

ATTACHMENT A

**REVISED LOUISIANA UNIFORM PUBLIC WORK
BID FORM**

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Coastal Protection and Restoration Authority
150 Terrace Avenue
Suite 100
Baton Rouge, LA 70802
(Owner to provide name and address of owner)

BID FOR: Terrebonne Bay Shoreline Demonstration
Features Removal Project (TE-0045)

(Owner to provide name of project and other identifying information)

The undersigned bidder hereby declares and represents that she/he: a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: Hartman Engineering, Inc. and dated: December 2019
(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____ .

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:
_____ Dollars (\$ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:
_____ Dollars (\$ Not Applicable)

Alternate No. 2 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:
_____ Dollars (\$ Not Applicable)

Alternate No. 3 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:
_____ Dollars (\$ Not Applicable)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: _____

DATE: _____

THE FOLLOWING ITEMS ARE TO BE INCLUDED WITH THE SUBMISSION OF THIS LOUISIANA UNIFORM PUBLIC WORK BID FORM:

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** **A CORPORATE RESOLUTION OR WRITTEN EVIDENCE** of the authority of the person signing the bid for the public work as prescribed by LA R.S. 38:2212(B)(5).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA R.S. 38:2218(A) attached to and made a part of this bid.

LOUISIANA UNIFORM PUBLIC WORK BID FORM

UNIT PRICE FORM

TO: Coastal Protection and Restoration Authority
150 Terrace Avenue
Suite 100
Baton Rouge, LA 70802
(Owner to provide name and address of owner)

BID FOR Terrebonne Bay Shoreline Demonstration
Features Removal Project (TE-0045)

(Owner to provide name of project and other identifying information)

UNIT PRICES: This form shall be used for any and all work required by the Bidding Documents and described as unit prices. Amounts shall be stated in figures and only in figures.

DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# MOBILIZATION AND DEMOB		UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:		
01	1	LUMP SUM		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# SURVEY AND PROJECT LAYOUT		UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:		
02	1	LUMP SUM		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# A-JACKS ARMOUR UNITS REMOVAL		UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:		
03	900	LINEAR FOOT		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# GABION MAT UNITS REMOVAL		UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:		
04	900	LINEAR FOOT		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# FORESHORE TRIANGULAR (REEF BLOCKS) UNITS REMOVAL		UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:		
05	900	LINEAR FOOT		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# REMOVAL OF TIE-DOWN ANCHOR		UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:		
06	189	EACH		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# REMOVAL OF TIE-IN UNIT		UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:		
07	790	LINEAR FOOT		
DESCRIPTION:	<input checked="" type="checkbox"/> Base Bid or <input type="checkbox"/> Alt.# PERMANENT WARNING SIGNS REMOVAL		UNIT PRICE	UNIT PRICE EXTENSION (Quantity times Unit Price)
REF. NO.	QUANTITY:	UNIT OF MEASURE:		
08	6	EACH		

Warning for "DESCRIPTION" is to be provided by the Owner.
All quantities are estimated. The contractor will be paid based upon actual quantities as verified by the Owner.

BID BOND

FOR COASTAL PROTECTION AND RESTORATION AUTHORITY PROJECTS

Date: _____

KNOW ALL MEN BY THESE PRESENTS:

That _____ of _____, as Principal, and _____, as Surety, are held and firmly bound unto the State of Louisiana, Coastal Protection and Restoration Authority (Obligee), in the full and just sum of five (5%) percent of the total amount of this proposal, including all alternates, lawful money of the United States, for payment of which sum, well and truly be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally firmly by these presents.

Surety represents that it is listed on the current U. S. Department of the Treasury Financial Management Service list of approved bonding companies as approved for an amount equal to or greater than the amount for which it obligates itself in this instrument or that it is a Louisiana domiciled insurance company with at least an A - rating in the latest printing of the A. M. Best's Key Rating Guide. If surety qualifies by virtue of its Best's listing, the Bond amount may not exceed ten percent of policyholders' surplus as shown in the latest A. M. Best's Key Rating Guide.

Surety further represents that it is licensed to do business in the State of Louisiana and that this Bond is signed by surety's agent or attorney-in-fact. This Bid Bond is accompanied by appropriate power of attorney.

THE CONDITION OF THIS OBLIGATION IS SUCH that, whereas said Principal is herewith submitting its proposal to the Obligee on a Contract for:

NOW, THEREFORE, if the said Contract be awarded to the Principal and the Principal shall, within such time as may be specified, enter into the Contract in writing and give a good and sufficient bond to secure the performance of the terms and conditions of the Contract with surety acceptable to the Obligee, then this obligation shall be void; otherwise this obligation shall become due and payable.

PRINCIPAL (BIDDER)

SURETY

BY: _____
AUTHORIZED OFFICER-OWNER-PARTNER

BY: _____
AGENT OR ATTORNEY-IN-FACT(SEAL)

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DEMONSTRATION – FEATURES REMOVAL
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ATTACHMENT B

REVISED PLAN SHEET 2

FINAL PLANS

GENERAL NOTES

1. ALL ELEVATIONS ARE GIVEN IN THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ALL HORIZONTAL COORDINATES ARE GIVEN IN THE NORTH AMERICAN DATUM OF 1983 (NAD 83).
2. BENCHMARK TE-45-SM-01 HAS BEEN ESTABLISHED AT THE SITE BY THE OWNER. SEE SHEET 3 FOR BENCHMARK LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE TO ESTABLISH AND MAINTAIN TEMPORARY BENCHMARKS DURING CONSTRUCTION AS NEEDED.
3. ELEVATIONS SHOWN ON PLANS ARE BASED ON SURVEYS PERFORMED BETWEEN JUNE 23, 2002 AND JULY 6, 2002 BY MORRIS P. HERBERT, INC.
4. CONTRACTOR SHALL VISIT THE SITE OF WORK TO BECOME FAMILIAR WITH THE LOCAL CONDITIONS AND WHAT EFFECTS THE CONDITIONS MAY HAVE ON ACCESS AND CONSTRUCTION.
5. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, EXISTING ELEVATIONS AND CONDITIONS SHOWN ON THE DRAWINGS PRIOR TO REMOVAL OF MATERIAL, AND COMMENCEMENT OF CONSTRUCTION. ENGINEER SHALL BE NOTIFIED OF ALL DISCREPANCIES.
6. THE CONTRACTOR SHALL MAKE HIS OWN INTERPRETATION OF THE CHARACTER AND CONDITION OF THE MATERIALS WHICH WILL BE ENCOUNTERED BETWEEN THE BORING LOCATIONS. THE CONTRACTOR, AT HIS OWN EXPENSE, MAY MAKE ADDITIONAL SURVEYS AND INVESTIGATIONS AS HE DEEMS NECESSARY TO DETERMINE CONDITIONS WHICH WILL AFFECT PERFORMANCE OF THE WORK.
7. THE LOCATIONS OF THE STRUCTURES SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL PROVIDE ALL SURVEY PERSONNEL AND EQUIPMENT NECESSARY TO REMOVE THE STRUCTURES AT THE BEGINNING OF CONSTRUCTION.
8. LOCATION OF UTILITIES INDICATED ON THE DRAWINGS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE BASED IN PART ON INFORMATION PROVIDED BY THE RESPECTIVE UTILITY COMPANIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE CONTRACTOR'S NEGLIGENCE. THE DAMAGE SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
10. FORTY-EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CALL LOUISIANA ONE CALL AT 1-800-272-3020 TO LOCATE ANY UTILITY OR PIPELINES IN THE AREA WHICH MAY BE UNKNOWN TO THE OWNER. ADDITIONALLY, THE CONTRACTOR SHALL PERFORM A MAGNETOMETER SURVEY WITHIN THE CONSTRUCTION AREA AND WHERE THE STRUCTURES ARE TO BE LOCATED. FURTHERMORE, CONTRACTOR SHALL NOTIFY CHEVRONTXACO A MINIMUM OF 14 DAYS PRIOR TO ACCESSING THE SITE AT (985) 758-0230 OR (504) 247-3383, ATTENTION SHANNON MONTGOMERY, TO HAVE THE PIPELINE IN THE PROJECT AREA PROPERLY MARKED PRIOR TO MOBILIZATION.
11. ALL PIPELINES WITHIN THE PROJECT AREA SHALL BE CLEARLY MARKED WITH BUOYS BY THE CONTRACTOR. THE CONTRACTOR SHALL MAINTAIN BUOYS DURING CONSTRUCTION OR HAVE ADEQUATE NAVIGATIONAL EQUIPMENT ON THE DREDGE TO AVOID DREDGING IN RESTRICTED AREAS. THE CONTRACTOR SHALL NOT ANCHOR OR EXCAVATE WITHIN 100 FEET OF ANY PIPELINE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MOBILIZING, COMPLETING THE REQUIRED CONSTRUCTION ACTIVITIES, AND DEMOBILIZING WITHOUT CROSSING OR OTHERWISE IMPACTING UNACQUIRED OYSTER LEASES SHOWN ON SHEET 3.
13. REMOVALS SHALL CONSIST OF SHORELINE PROTECTION UNITS AND ANY ANCHORS. BEDDING MATERIAL SHALL BE LEFT IN PLACE.
14. WARNING SIGNS FOR REACH A, B, & E TO BE REMOVED BY PULLING THE COMPLETE PILE IF POSSIBLE. IF PILE CAN NOT BE COMPLETELY PULLED IT MUST BE BROKEN OFF A MINIMUM OF 3 FEET BELOW THE BAY BOTTOM.
15. ALL ITEMS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

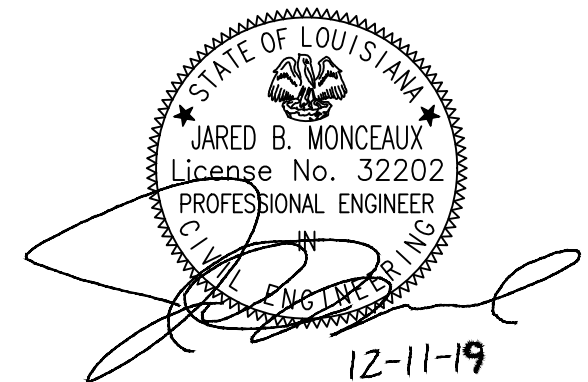
SUMMARY OF ESTIMATED QUANTITIES

ITEM No.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
1	MOBILIZATION AND DEMOBILIZATION	LUMP SUM	1
2	SURVEYING AND PROJECT LAYOUT	LUMP SUM	1
3	A-JACKS ARMOUR UNITS REMOVAL	LINEAR FOOT	900
4	GABION MAT UNITS REMOVAL	LINEAR FOOT	900
5	FORESHORE TRIANGULAR (REEF BLOCKS) UNITS REMOVAL	LINEAR FOOT	900
6	REMOVAL OF TIE-DOWN ANCHOR	EACH	189
7	REMOVAL OF TIE-IN UNIT*	LINEAR FOOT	790
8	PERMANENT WARNING SIGNS REMOVAL	EACH	6

AS-BUILT NOTES:

- * 1. ONSHORE ARMOR UNITS WAS SELECTED AND USED BY THE CONTRACTOR AS THE TIE-IN UNIT APPROX 85 ANCHORS WERE USED.
- 2. (FOR INFORMATION ONLY) APPROXIMATE QUANTITIES INSTALLED FOR FOUNDATIONS:

FOUNDATION BASE GEOTEXTILE GEOGRID 220 SQ. YD.
FOUNDATION BASE CRUSHED STONE 645 TON



					LOUISIANA DEPARTMENT OF NATURAL RESOURCES COASTAL RESTORATION DIVISION 150 TERRACE AVENUE BATON ROUGE, LOUISIANA 70802	TERREBONNE BAY SHORELINE DEMONSTRATION - FEATURES REMOVAL PROJECT TE-0045 STATE PROJECT NUMBER: TE-0045 FEDERAL PROJECT NUMBER:	GENERAL NOTES DATE: DEC. 2019
REV.	DATE	DESCRIPTION	BY	DRAWN BY: STEVE URQUHART	DESIGNED BY: JARED MONCEAUX, P.E.	APPROVED BY: ROLLAND MURA, P.E.	SHEET 2 OF 25
△	3-11-20	ADDENDUM	R.M.				