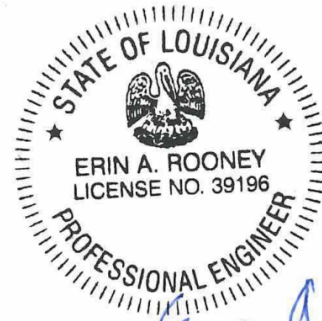


ADDENDUM 1 TO BID DOCUMENTS FOR THE
TANGIPAOHA PARISH GOVERNMENT - LAKE PONTCHARTRAIN
SHORELINE PROTECTION PROJECT
TANGIPAOHA PARISH, LOUISIANA



Erin A. Rooney
5-9-2023

May 9, 2023



PREPARED BY

HDR ENGINEERING, INC.
1 Galleria Blvd, Suite 1920
Metairie, Louisiana 70001

**ADDENDUM 1 TO BID DOCUMENTS
LAKE PONTCHARTRAIN SHORELINE PROTECTION PROJECT**

This addendum shall be considered part of the Plans, Specifications, and Contract Documents (except as noted otherwise) and is issued to change, amplify, or delete from or otherwise explain these documents where provisions of this addendum differ from those of the original documents. This addendum shall have precedence over the original documents and shall govern.

Bidders shall acknowledge receipt of this addendum on the Bid Form.

I. Revisions to Advertisement for Bids:

1. **REVISE** "General Notice" paragraph to read:

Tangipahoa Parish Government (Owner) is requesting Bids for the construction of the following Project:

Lake Pontchartrain Shoreline Protection

Bids for the construction of the Project will be received at the TPC Chambers located at 206 E. Mulberry Street, Amite, LA, **or via upload at www.centralbidding.com** until Monday, May 22 at 10 am local time. At that time the Bids received will be publicly opened and read.

The Project includes the following Work:

Project is to construct breakwaters in Lake Pontchartrain near the Tangipahoa Parish shoreline. The Project includes a base bid and three additive alternate bids. Work includes mobilization/demobilization; pre-construction hazard surveying; optional dredging and backfilling of temporary flotation/access channels; placement of geotextile materials, encapsulated lightweight aggregate, and graded riprap armor stone; installation of warning signs, lighted daybeacons, and settlement plates; bathymetric and topographic surveys for measurement, payment substantiation and work acceptance purposes; aerial photography; and all other subsidiary work.

Bids are requested for the following Contract: Lake Pontchartrain Shoreline Protection

II. Revisions to Instructions to Bidders

1. **REPLACE** Article 17 – BIDS TO REMAIN SUBJECT TO ACCEPTANCE with the following:

17.01 All Bids will remain subject to acceptance for the period of time allowed by Louisiana Public Bid Law, but Owner may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

III. Revisions to Contract Documents or Plans:

1. **REPLACE** Louisiana Uniform Public Work Bid Form (1 page) with attached revised Louisiana Uniform Public Work Bid Form (1 page) that includes updated contract times.

2. **ADD** the following paragraph as Paragraph 3.01 A in Specification Section 02 21 13 "Construction Surveying"

3.01 A. The breakwater shall be constructed along the length of shoreline covered by each initial survey and pre-construction hazard survey submission within 3 months from the time these surveys were performed. If the breakwater is not constructed within 3 months from the time the survey was performed, an additional survey may be required. Each initial survey submission shall be conducted within a single 7-day period.

3. **REPLACE** Sheet C14 with attached revised Sheet C14 to clarify and revise required length of treated timber post in Detail 1.

**ADDENDUM 1 TO BID DOCUMENTS
LAKE PONTCHARTRAIN SHORELINE PROTECTION PROJECT**

IV. Engineer's Opinion of Probable Construction Cost (OPCC)

The Engineer's Opinion of Probable Construction Cost for the Base Bid is \$8,997,030.

V. Answers to Questions:

1. **Question:** In today's rock & river commerce environments, largely due to the closure of Vulcan's Quintana Roo quarry, and to the construction of so many LNG facilities, upper Mississippi and Ohio River quarries are overloaded and barges are scarce. Fulfillment of rock orders and deliveries have slowed to nearly a snail's pace and are not guaranteed by the vendors. We feel like not enough contract time has been allowed for this project.

Answer: Additional contract days have been added. Refer to the revised Louisiana Uniform Public Work Bid Form attached.

2. **Question:** Re Supplementary Conds, SC-6.04 – says Contractor is to provide an installation floater. Please clarify as the builder's risk policy is specified to be provided by the Owner.

Answer: Builder's Risk Insurance coverage is not required for this project. Refer to Specification Section 01 00 00, Paragraph 1.06A.

3. **Question:** Instructions to Bidders, Article 17 – Bids to Remain Subject to Acceptance - We don't find this information on the bid form as stated. Please clarify how long the bids may be held subject to acceptance.

Answer: Refer to revisions to Instructions to Bidders noted above.

4. **Question:** Will a sign in sheet be provided since this is a mandatory meeting?

Answer: Attendees of the pre-bid meeting are listed below.

- Tangipahoa Parish (Melissa Cowart, Donna Domiano, Kevin Tzeng, Kevin Greer, John Dardis)
- State of Louisiana Coastal Protection and Restoration Authority (Vida Carver)
- HDR Engineering, Inc. (Erin Rooney, Colin Anderson)
- Quality First Construction, LLC dba Quality First Marine (Barrett Holley, James Richardson, Christina Couvillion-Do)
- Lil Man Construction, LLC (Mitchell Black)
- Hydroterra Technologies LLC (Mike Nitska)
- Rigid Constructors (Robert Sarver, Emily Lawson)
- Frisco Construction Co., Inc. (Jim Pellegrin)
- Luhr Crosby, LLC (Nolan Simoneaux)
- SurvTech Solutions, Inc. (Preston Mott)
- Pine Bluff Sand & Gravel Company (Parker McClellan, Jacob Clanton)
- Patriot Construction and Industrial LLC (John Gaiennie)
- LL&G Construction (Jenny Marceaux)

5. **Question:** Can multibeam be used for the initial surveys?

Answer: Multibeam surveys may be used for surveys if all accuracy requirements are met. Refer to Specification Section 02 21 13 "Construction Surveying" Paragraph 3.02 for surveying accuracy requirements.

**ADDENDUM 1 TO BID DOCUMENTS
LAKE PONTCHARTRAIN SHORELINE PROTECTION PROJECT**

6. **Question:** Can RTK-VRS be used for positioning as opposed to setting up a base station? Vertical and horizontal accuracy will be the same.

Answer: A local base station is required.

7. **Question:** In addition to bathymetry can LiDAR be used to capture the portion of rock above the water?

Answer: If multiple data collection means are used within a single survey submittal, Contractor shall include some overlap between the data methods to show consistency between methods.

8. **Question:** Can drones be used for the aerial photography as-built? The photos will be georeferenced

Answer: Drones can be used for aerial photography. As stated in Specification Section 02 21 13, Paragraph 3.10 C "After completion of all construction activities, a color vertical aerial photograph of the entire work area shall be submitted." The entire work area includes locations of breakwater, optional access and flotation channels, and temporary stockpiles. Method of capturing the georeferenced aerial shall ensure that entire work area can be georeferenced, including areas that appear to be open water at the end of construction.

9. **Question:** Can the bid opening be also virtual or is it only in-person?

Answer: The bid opening will be in person, but a Teams webinar event has been created for convenience only. There is no guarantee that technical difficulties will not occur. Comments and responses entered into the Teams link may not be monitored and do not serve as an official form of communication. The link for the Teams webinar is <https://bit.ly/3MbAB4U>.

10. **Question:** Referring Division 31- Earthwork, Section 3.04 Subgrade Preparation: Is it the intention of the Engineer to remove all "natural timber debris" from the foundation section beneath the breakwaters? This seems excessive and will undoubtedly disrupt the natural ground surface no matter the means and methods used. If this is the case, could this be added as a line item to capture the efforts for this work?

Answer: Refer to Graded Riprap Note 5 on Sheet C12 of the drawings which states: "Natural timber debris within breakwater footprint shall be cleared/cut/removed to within \pm six (6) inches of existing grade to allow for a smooth surface before placing geotextile composite. Voids in existing grade created by removal of such natural timber debris shall be limited to six (6) inches (max.) Below existing grade."

11. **Question:** Is a CAD file available for the construction drawings?

Answer: Select CAD files will be made available to the selected construction contractor after the contract is awarded.

12. **Question:** Please clarify the length of the treated poles for the permanent nav aids. The drawings (sheet 16 of the pdf, C-14) show 50' poles, but the specs 35 12 73, paragraph 2.01, require 60' poles. What is the required length?

Answer: Treated timber posts for Lighted Daybeacons shall be 60' long. See revised Sheet C14 referenced in Section III, Item 3 above.

13. **Question:** Will the SL15 Solar Marine Lantern (1nm Range), or the SL70 Solar Marine Lantern (2-3nm Range) work as an alternative to the marine lantern listed on the project plans?

Answer: The SL-15 and SL-70 Solar Marine Lanterns can be considered Engineer-approved alternatives to the marine lantern listed in the project plans. Contractor is still responsible for ensuring that all requirements regarding lighted daybeacons in the contract documents are met.

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: Tangipahoa Parish Government
206 E. Mulberry Street, Amite LA 70422

BID FOR: Lake Pontchartrain Shoreline Protection
Tangipahoa Parish, Louisiana

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: HDR Engineering, Inc. and dated: April 4, 2023.

Contract time shall be 215 days for Base Bid, 20 additional days for Alternate No. 1, 15 additional days for Alternate No. 2, and 10 additional days for Alternate No. 3.

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 Add Phase 1 Continuation for the sum of:

_____ Dollars (\$ _____)

Alternate No. 2 Add Phase 2 for the sum of:

_____ Dollars (\$ _____)

Alternate No. 3 Add Phase 2 Continuation for the sum of:

_____ Dollars (\$ _____)

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:

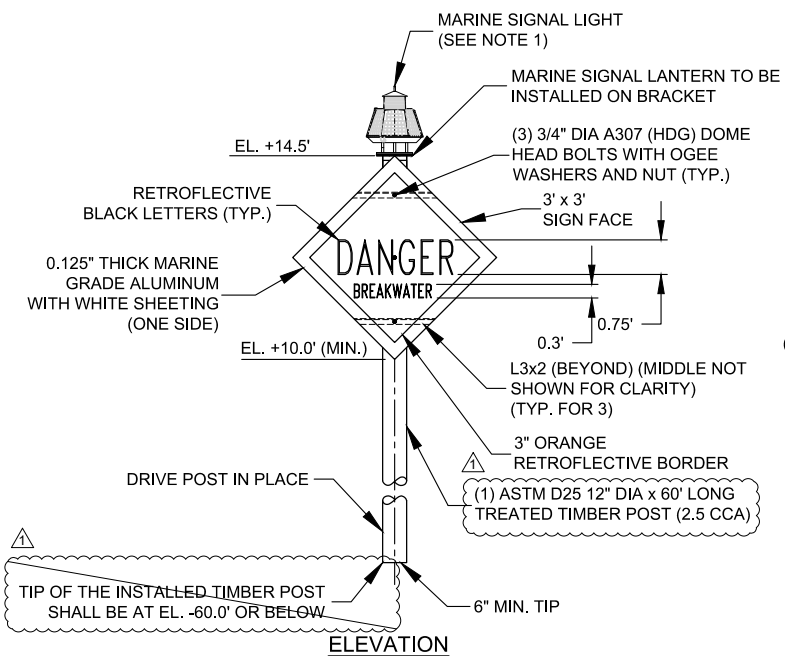
* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** 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.

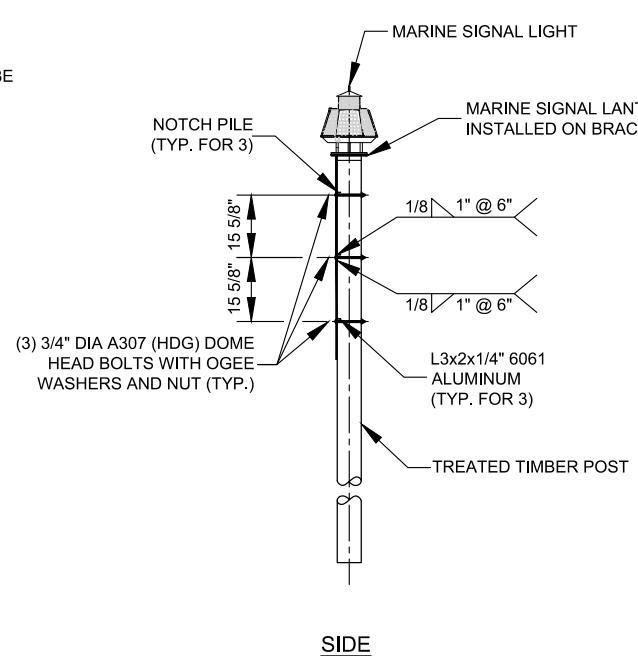
The following documents shall also be included: 1. Conflict of Interest Form; 2. Affidavit, 3. Tangipahoa Parish Government Attestation Clause; 4. Bidder's Non-Collusion Affidavit

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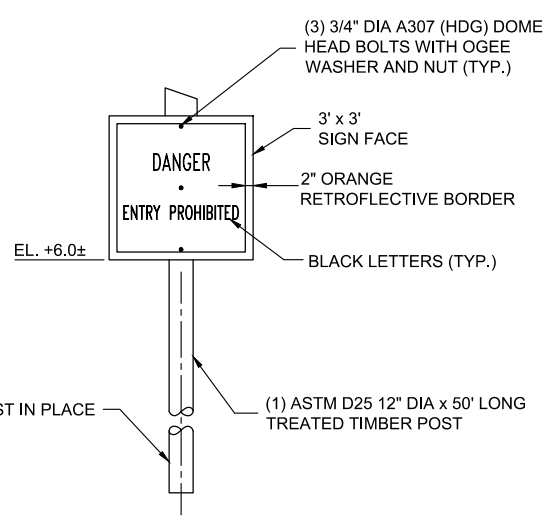
1
C05 C14
DETAIL - LIGHTED DAYBEACON
NOT TO SCALE

C06 THRU C09, C11 THRU C13

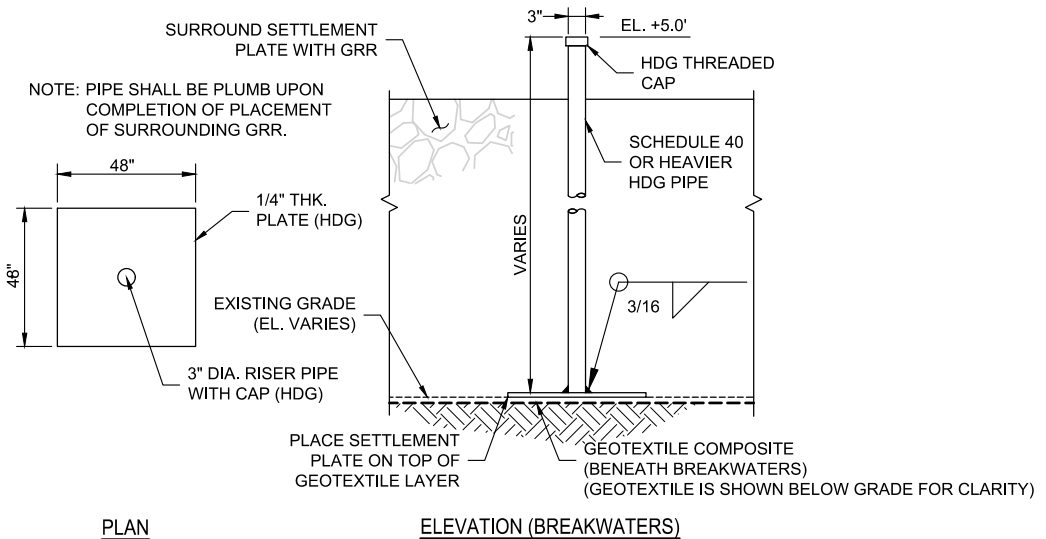


2
C05 C14
DETAIL - TEMPORARY WARNING SIGN (TYPE 2)
NOT TO SCALE

C06 THRU C09



- NOTES**
- MARINE SIGNAL LIGHT SHALL BE PMAPI-SC35 MEDIUM INTENSITY LED MARINE LANTERN, INC. (MANUFACTURED BY PHAROS MARINE AUTOMATIC POWER, 198 TECHNOLOGY LN, GRAY, LA. 70359, 985-223-8700) OR ENGINEER-APPROVED ALTERNATE. LIGHT SHALL MEET REQUIREMENTS OF 33 CFR FOR CLASS "C" STRUCTURES AND HAVE, AS MINIMUM, THE FOLLOWING PROPERTIES:
 RANGE: 1 MILE
 LENSE: CLEAR
 COLOR: WHITE
 INTENSITY: 1 CANDELLA LED
 SLOW FLASH: 2.5 SEC
 VISIBILITY: 360° HORIZON
 IF ALL ADDITIVE BIDS ARE AWARDED, WARNING SIGNS NEAR PASS MANCHAC AND THE TANGIPAHOA RIVER SHALL HAVE A RED LENSE. COORDINATE WITH OWNER/ENGINEER BEFORE PLACEMENT.
 - CONTRACTOR SHALL MAINTAIN TEMPORARY WARNING SIGNS UNTIL REMOVAL OF TEMPORARY STOCKPILES. REFER TO SPECIFICATION SECTION 01 00 00 "SPECIAL CONDITIONS" REGARDING PERMITS FOR TEMPORARY WARNING SIGNS.
 - ALL SIGN FACES SHALL BE ORIENTED TO FACE PREDOMINANT APPROACH DIRECTION OF ONCOMING BOAT TRAFFIC.
 - CONTRACTOR SHALL COORDINATE WITH U.S. COAST GUARD TO VERIFY REQUIREMENTS OF WARNING SIGNS BEFORE INSTALLATION. ANY CHANGES SHALL BE COORDINATED WITH ENGINEER BEFORE INSTALLATION. REFER TO SPECIFICATION SECTION 01 00 00, "SPECIAL CONDITIONS," FOR ADDITIONAL REQUIREMENTS REGARDING WARNING SIGNS.
 - SETTLEMENT PLATE LOCATIONS SHOWN ON SHEETS C05 TO C09 ARE SCHEMATIC. SETTLEMENT PLATES SHALL BE PLACED ALONG BREAKWATER CENTERLINE (CENTERLINE OF BREAKWATER CREST). MAXIMUM SPACING OF SETTLEMENT PLATES SHALL BE 1,000 FEET. TOTAL NUMBER OF SETTLEMENT PLATES SHALL BE AS IDENTIFIED IN THE BID DOCUMENTS. CONTRACTOR SHALL PROVIDE SETTLEMENT PLATE COORDINATES TO ENGINEER FOR APPROVAL AT LEAST 14 DAYS BEFORE INSTALLATION.



3
C05 C14
DETAIL - SETTLEMENT PLATES
NOT TO SCALE

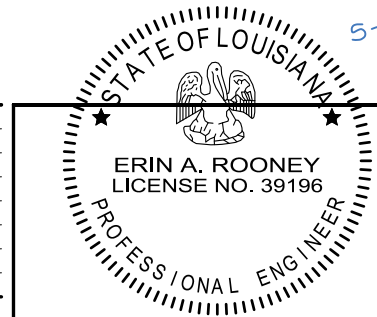
C06 THRU C09

Erin A. Rooney
5-9-2023



ISSUE	DATE	DESCRIPTION
0	02/06/23	BID DOCUMENTS
1	05/02/23	BID ADDENDUM 1

DESIGNED BY	E. ROONEY
DRAWN BY	J. BEAUGH
CHECKED BY	B. GEESEY
HDR PROJECT NUMBER	10167164



SECTIONS AND DETAILS IV	
FILENAME	00C-14.dwg
SCALE	AS SHOWN
SHEET	C14