## ADDENDUM No. 1 to CONSTRUCTION DOCUMENTS

# BARATARIA BASIN SIGN REPLACEMENT PROJECT NO. BA-0020, BA-0027, BA-0037, BA-0202, & BA-0197

## JEFFERSON AND LAFOURCHE PARISH, LOUISIANA

## STATE OF LOUISIANA

## COASTAL PROTECTION AND RESTORATION AUTHORITY

## MAY 18, 2023

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

05/19/23

DELTA COAST CONSULTANTS, LLC

631 S. Hollywood Rd.
Houma, Louisiana 70360

985.655.3100 (Tel)

www.deltacoastllc.com

May 18, 2023

# ADDENDUM NO. 1

**COASTAL PROTECTION AND RESTORATION AUTHORITY**

**BARATARIA BASIN SIGN REPLACEMENT PROJECT NO. BA-0020, BA-0027, BA-0037, BA-0202, & BA-0197**

**DCC Project No. 2022.039**

**TO:** All holders of record of contract documents

**GENERAL:** The following items shall be considered part of the contract documents and shall be included in the same when the construction contract is executed. Changes made by addenda shall take precedence over original documents. Any changes which may affect construction or proper installation of materials or equipment not specifically mentioned in this addendum should be brought to the attention of the Engineer before submitting bid. Otherwise, such conditions, if found later to exist, must be worked out in an acceptable manner without additional cost to the Owner. General contractors are hereby advised to call attention of all subcontractors and/or suppliers to changes which may affect their work and/or product.

Acknowledge receipt of this addendum by inserting its number, date, and signing or initialing in the proper blanks appearing on the Louisiana Uniform Public Work Bid Form. Failure to comply with the above will subject Bidder to disqualification.

I. PROJECT MANUAL:

1. Procurement Forms and Supplements Section, LOUISIANA UNIFORM PUBLIC WORK BID FORM: Delete in its entirety and replace with the attached LOUISIANA UNIFORM PUBLIC WORK BID FORM, 4 pages.

2. Part III, Technical Specifications, TS-2 Warning Sign Replacement, Section 2.5: Delete in its entirety and replace with the following:

   "2.5 Measurement and Payment: Payment for this item will be made at the contract unit price per each for Bid Item No. 2, "Warning Sign Replacement (BA-0020)", Bid Item No. 4, "Warning Sign Replacement (BA- 0027)(CU #2, 3, 4, & 6)", Bid Item No. 7, "Warning Sign Replacement (BA- 0027)(CU #5)", Bid Item No. 10, "Warning Sign Replacement (BA-0027)(CU #7 & 8)", Bid Item No. 14, "Warning Sign Replacement (BA-0037)"and Bid Item No. 17, "Warning Sign Replacement (BA-0202)". No payment shall

be made for signs that are rejected or damaged due to fault or negligence by the Contractor."

3. Part III, Technical Specifications, TS-3 Timber Piling Replacement, Section 3.5: Delete in its entirety and replace with the following:

   "3.5 Measurement and Payment: Payment for this item will be made at the contract unit price per each for Bid Item No. 6, "Timber Piling Replacement (BA-0027)(CU #2, 3, 4, & 6)", Bid Item No. 9, "Timber Piling Replacement (BA-0027)(CU #5)", Bid Item No. 12, "Timber Piling Replacement (BA-0027)(CU #7 & 8)" Bid Item No. 16, "Timber Piling Replacement (BA-0037)", Bid Item No. 19, "Timber Piling Replacement (BA-0202)".No payment shall be made for pilings that are rejected or damaged due to fault or negligence by the Contractor, while in stockpile, or during handling and driving. Hardware, surface treatments, and other incidentals required in this specification for the installation of the treated timber piles shall not be measured for payment."

4. Part III, Technical Specifications, TS-4 Timber Piling Cap Replacement, Section 4.5: Delete in its entirety and replace with the following:

   "4.5 Measurement and Payment: Payment for this item will be made at the contract unit price per each for Bid Item No. 3, "Timber Pile Cap Replacement (BA-0020)", Bid Item No. 5, "Timber Pile Cap Replacement (BA-0027)(CU #2, 3, 4, & 6)", Bid Item No. 8, "Timber Pile Cap Replacement (BA-0027)(CU #5)", Bid Item No. 11, "Timber Pile Cap Replacement (BA-0027)(CU #7 & 8)", Bid Item No. 15, "Timber Pile Cap Replacement (BA-0037)", and Bid Item No. 18, "Timber Pile Cap Replacement (BA-0202)". No payment shall be made for caps rejected or damaged due to fault or negligence by the Contractor."

5. Part III, Technical Specifications, TS-5 Navigational Light Replacement, Section 5.5: Delete in its entirety and replace with the following:

   "5.5 Measurement and Payment: Payment for this item will be made at the contract unit price per each for Bid Item No. 13, "Navigational Light Replacement (BA-0027)(CU # 7 & 8)", Bid Item No. 20, "Navigational Light Replacement (BA-0202)", and Bid Item No. 21, "Navigational Light Replacement (BA-0197)". No payment shall be made for navigational lights rejected or damaged due to fault or negligence by the Contractor."

III. PLAN SHEETS:

1. Sheet 2, GENERAL NOTES, SUMMARY OF ESTIMATED QUANTITIES: Delete in its entirety and replace with the attached GENERAL NOTES, SUMMARY OF ESTIMATED QUANTITIES, 1 page.

End of Addendum No. 1

Attachments:
LOUISIANA UNIFORM PUBLIC WORK BID FORM, 4 pages
Plan Sheet 2, GENERAL NOTES, SUMMARY OF ESTIMATED QUANTITIES, 1 page

# LOUISIANA UNIFORM PUBLIC WORKS 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:** Barataria Basin Sign Replacement
Project No. BA-0020, BA-0027, BA-0037, BA-0202, & BA-0197
*(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: DELTA COAST CONSULTANTS, LLC and dated: May 9, 2023.
*(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.

**Additive Alternate No. 1** *(Not Applicable)* for the sum of:

Not Applicable Dollars ($ Not Applicable)

**Additive Alternate No. 2** *(Not Applicable)* for the sum of:

Not Applicable Dollars ($ Not Applicable)

**Additive Alternate No. 3** *(Not Applicable)* for the lump sum of:

Not Applicable 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 RS 38:2218(A) is attached to and made a part of this bid.

# LOUISIANA UNIFORM PUBLIC WORKS 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:** Barataria Basin Sign Replacement
Project No. BA-0020, BA-0027, BA-0037, BA-0202, & BA-0197

*(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: | ☒Base Bid or ❑ Alt.# ___ Mobilization & Demobilization | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 1 | 1 | LUMP SUM | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Warning Sign Replacement (BA-0020) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 2 | 24 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Cap Replacement (BA-0020) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 3 | 25 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Warning Sign Replacement (BA-0027) (CU #2, 3, 4 ,& 6) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 4 | 56 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Cap Replacement (BA-0027) (CU #2, 3, 4 ,& 6) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 5 | 10 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Replacement (BA-0027) (CU #2, 3, 4 ,& 6) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 6 | 8 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Warning Sign Replacement (BA-0027) (CU #5) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 7 | 24 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Cap Replacement (BA-0027) (CU #5) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 8 | 21 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Replacement (BA-0027) (CU #5) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 9 | 14 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Warning Sign Replacement (BA-0027) (CU #7 & 8) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 10 | 9 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Cap Replacement (BA-0027) (CU #7 & 8) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 11 | 7 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Replacement (BA-0027) (CU #7 & 8) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 12 | 7 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Navigational Light Replacement (BA-0027) (CU #7 & 8) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 13 | 5 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Warning Sign Replacement (BA-0037) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 14 | 30 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Cap Replacement (BA-0037) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 15 | 24 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Replacement (BA-0037) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 16 | 9 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Warning Sign Replacement (BA-0202) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 17 | 3 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Cap Replacement (BA-0202) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 18 | 9 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Timber Piling Replacement (BA-0202) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 19 | 7 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Navigational Light Replacement (BA-0202) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 20 | 5 | EACH | | |

| DESCRIPTION: | ☒Base Bid or ❑ Alt.# ___ Navigational Light Replacement (BA-0197) | | | |
|---|---|---|---|---|
| REF. NO. | QUANTITY: | UNIT OF MEASURE: | UNIT PRICE | UNIT PRICE EXTENSION *(Quantity times Unit Price)* |
| 21 | 3 | EACH | | |

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

## GENERAL NOTES:

1. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION AND SHALL ALSO BE RESPONSIBLE FOR ENSURING THAT ALL WORK COMPLIES WITH THE PLANS AND SPECIFICATIONS.
2. PROPOSED SIGN LOCATIONS SHOWN ON THE PLANS ARE BASED ON THE FIELD INVESTIGATIONS PERFORMED IN JUNE 2022 BY DELTA COAST CONSULTANTS, INC. ALL ELEVATIONS ARE GIVEN IN NAVD88. ALL HORIZONTAL COORDINATES ARE GIVEN IN NAD83.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL CONSTRUCTION ACTIVITIES WITHIN THE LIMITS AND BOUNDARIES IDENTIFIED ON THE PLANS. THE ENGINEER OR HIS REPRESENTATIVE SHALL MONITOR THE CONTRACTOR'S LOCATION DURING CONSTRUCTION. ALL EQUIPMENT SHALL REMAIN FLOATING AT ALL TIMES. NO ACCESS DREDGING WILL BE ALLOWED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING AND MARKING ALL UNDERGROUND UTILITIES AND PIPELINES WITHIN 150 FT OF THE PROJECT AREA PRIOR TO BEGINNING CONSTRUCTION. PIPELINES AND UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL CONTACT LOUISIANA ONE CALL AT 1-800-272-3020 AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. ALL UTILITIES AND OBSTRUCTIONS SHALL REMAIN MARKED THROUGHOUT THE DURATION OF CONSTRUCTION.
5. THE ESTIMATED QUANTITIES SHOWN ON THE PLANS ARE FOR BIDDING PURPOSES ONLY. UNIT QUANTITIES ARE BASED ON SITE CONDITIONS AND INFORMATION OBTAINED DURING THE DESIGN PROCESS AND ARE SUBJECT TO CHANGE. THE OWNER RESERVES THE RIGHT TO ADJUST QUANTITIES DURING CONSTRUCTION, HIGHER OR LOWER, WITHOUT ADJUSTMENT OF THE UNIT PRICE BID FOR THE ITEM.
6. ALL DEBRIS AND MATERIALS REMOVED DURING CONSTRUCTION AND NOT SPECIFICALLY NOTED OR REQUESTED FOR SALVAGE BY THE OWNER SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR AT AN APPROPRIATE OFF-SITE LOCATION.
7. THE CONTRACTOR SHALL SUBMIT A WORK PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO ISSUANCE OF NOTICE TO PROCEED. THE WORK PLAN SHALL INCLUDE A PROJECT SCHEDULE, SEQUENCE OF CONSTRUCTION, AND QUALITY CONTROL PLAN FOR ALL MAJOR ITEMS OF WORK.
8. THE CONTRACTOR SHALL VERIFY ALL ELEVATIONS AND DIMENSIONS PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES FOUND IN THE PLANS AND SPECIFICATIONS.
9. ALL DEBRIS UNEARTHED FROM THE COMPLETION OF THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE REMOVED FROM THE SITE. NO ADDITIONAL COMPENSATION SHALL BE GIVEN TO CONTRACTOR FOR MATERIALS THAT ARE DISCOVERED DURING CONSTRUCTION THAT ARE NOT SHOWN IN THE PLANS.
10. THE CONTRACTOR SHALL NOT, AT ANY TIME, TREAD ON EXISTING MARSH OR VEGETATED WETLANDS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
11. PLANS AND SPECIFICATIONS ARE COMPLEMENTARY; WHAT IS REQUIRED BY ONE IS BINDING AS IF REQUIRED BY ALL. CLARIFICATIONS AND INTERPRETATIONS OF, OR NOTIFICATIONS OF MINOR VARIATIONS AND DEVIATIONS IN THE CONTRACT DOCUMENTS, WILL BE ISSUED BY THE ENGINEER.
12. ANY DAMAGE TO EXISTING U.S. COAST GUARD NAVIGATION AIDS OR PRIVATE NAVIGATION AIDS SHALL BE REPAIRED BY THE CONTRACTOR TO U.S. COAST GUARD STANDARDS AT THE EXPENSE OF THE CONTRACTOR.
13. THE INTERIOR WATERS IN BAYOU PEROT AND OTHER SURROUNDING ACCESS WATERS WILL LIKELY BE TOO SHALLOW TO ALLOW ADEQUATE DEPTH FOR HEAVY MACHINERY TO DRIVE PILINGS. NO ACCESS DREDGING SHALL BE ALLOWED WHEN REPLACING THE PILINGS. THE CONTRACTOR MAY ATTEMPT TO DRIVE PILINGS BY OTHER MEANS TO A DEPTH OF 25' BELOW THE MUDLINE STATED IN THE PLANS AND TECHNICAL SPECIFICATIONS.
14. THE 2" BORDER ON THE WARNING SIGN WILL BE A RETROREFLECTIVE MATERIAL OF ORANGE COLOR. THE LETTERING FIELD WILL BE A RETROREFLECTIVE MATERIAL OF WHITE COLOR. THE LETTERING FOR THE WARNING SIGN WILL BE BLACK. ALL SIGNS MUST MEET U.S. COAST GUARD STANDARDS, IN ACCORDANCE WITH 33 CFR CHAPTER I, SUBCHAPTER C FOR CLASS C STRUCTURES.
15. SIGNS SHOULD BE LOCATED IN THE SAME LOCATION AND ORIENTATION AS THE PREVIOUS SIGNS. IF ORIENTATION IS IN QUESTION, SIGNS SHOULD BE PLACED AS INDICATED BY THE ENGINEER'S REPRESENTATIVE.
16. PROJECT SITE BA-0202 IS ADJACENT TO QUEEN BESS ISLAND WILDLIFE REFUGE. CONTRACTOR SHALL COORDINATE ALL ACTIVITY NEAR QUEEN BESS WITH THE LOUISIANA DEPARTMENT OF WILDLIFE AND FISHERIES (LDWF). CONTACT INFORMATION FOR LDWF IS PROVIDED IN SECTION SP-7 OF THE SPECIFICATIONS.

## STRUCTURAL NOTES:.

1. ALL BOLTS AND NUTS SHALL INCLUDE OGEE WASHERS UNLESS NOTED OTHERWISE.
2. ALL SAW CUTS AND DRILLED HOLES SHALL BE TREATED W/ COPPER NAPHTHENATE PRIOR TO INSTALLING HARDWARE.
3. ALL BOLTS, NUTS, WASHERS, AND OTHER HARDWARE REQUIRED TO CONSTRUCT SIGNS AS DEPICTED IN THESE DRAWINGS SHALL BE INCLUDED IN THE COST OF THE WARNING SIGN REPLACEMENT LINE ITEMS (BA-0020, BA-0027, BA-0037, & BA-0202).
4. ALL HARDWARE SHALL BE STAINLESS STEEL OR ALUMINUM AS INDICATED IN THE PLANS OR SPECIFICATIONS.

## SUMMARY OF ESTIMATED QUANTITIES

| Item No. | Description | Unit | Estimated Quantity |
|---|---|---|---|
| 1 | Mobilization & Demobilization | LS | 1 |
| 2 | Warning Sign Replacement (BA-0020) | EA | 24 |
| 3 | Timber Piling Cap Replacement (BA-0200) | EA | 25 |
| 4 | Warning Sign Replacement (BA-0027)(CU #2, 3, 4, & 6) | EA | 56 |
| 5 | Timber Piling Cap Replacement (BA-0027)(CU #2, 3, 4, & 6) | EA | 10 |
| 6 | Timber Piling Replacement (BA-0027)(CU #2, 3, 4, & 6) | EA | 8 |
| 7 | Warning Sign Replacement (BA-0027)(CU #5) | EA | 24 |
| 8 | Timber Piling Cap Replacement (BA-0027)(CU #5) | EA | 21 |
| 9 | Timber Piling Replacement (BA-0027)(CU #5) | EA | 14 |
| 10 | Warning Sign Replacement (BA-0027)(CU #7 & 8) | EA | 9 |
| 11 | Timber Piling Cap Replacement (BA-0027)(CU #7 & 8) | EA | 7 |
| 12 | Timber Piling Replacement (BA-0027)(CU #7 & 8) | EA | 7 |
| 13 | Navigational Light Replacement (BA-0027)(CU #7 & 8) | EA | 5 |
| 14 | Warning Sign Replacement (BA-0037) | EA | 30 |
| 15 | Timber Piling Cap Replacement (BA-0037) | EA | 24 |
| 16 | Timber Piling Replacement (BA-0037) | EA | 9 |
| 17 | Warning Sign Replacement (BA-0202) | EA | 3 |
| 18 | Timber Piling Cap Replacement (BA-0202) | EA | 9 |
| 19 | Timber Piling Replacement (BA-0202) | EA | 7 |
| 20 | Navigational Light Replacement (BA-0202) | EA | 5 |
| 21 | Navigational Light Replacement (BA-0197) | EA | 3 |

## CIVIL NOTES:.

1. CONTRACTOR TO REMOVE ROCK AS NECESSARY TO INSTALL PILINGS AND REPLACE IN KIND.
2. THE CONTRACTOR SHALL INVESTIGATE THE SUBSURFACE CONDITIONS OF THE ENTIRE SITE PRIOR TO BEGINNING PILE DRIVING PLANS. IF THE CONTRACTOR IDENTIFIES A PERMANENT OBSTRUCTION, THE ENGINEER MAY ADJUST THE LAYOUT TO AVOID THE OBSTRUCTION. ANY ADJUSTMENT THAT DOES NOT RESULT IN A CHANGE IN QUANTITY SHALL BE INSTALLED AT NO ADDITIONAL COST.

STATE OF LOUISIANA
KEVIN P. RIZZO
License No. 30575
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
01/12/23

| REV. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 01 | 01/25/23 | CPRA COMMENTS | MEB |
| 02 | 05/18/23 | SEPARATE BA-0027 QUANTITIES | MEB |

DELTA COAST CONSULTANTS, LLC

COASTAL PROTECTION AND RESTORATION AUTHORITY
150 TERRACE AVENUE
BATON ROUGE, LOUISIANA 70802

GENERAL NOTES AND QUANTITIES

DESIGNED BY: MEB/KPR
APPROVED BY: KPR

BARATARIA BASIN SIGN REPLACEMENT

STATE PROJECT NUMBER: SHOWN
DRAWN BY: BAD

DATE: 1/12/23