

**ADDENDUM 2 TO BID DOCUMENTS FOR THE  
CAMINADA HEADLAND BACK BARRIER MARSH CREATION PROJECT  
(BA-0171)**

**LAFOURCHE AND JEFFERSON PARISHES, LOUISIANA**



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

**December 20, 2019**

**ADDENDUM 1 TO BID DOCUMENTS  
CAMINADA HEADLAND BACK BARRIER MARSH CREATION PROJECT  
(BA-0171)**

**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 Louisiana Uniform Public Work Bid Form.**

**I. CPRA Response to Bidder Questions:**

- 1. Question:** Will the contractor be allowed to disturb material below the Over Dredge Limits of the borrow area?

**Response:** As per TS-400.2.4, the marsh creation borrow area shall be dredged within the limits shown on the Plans.

- 2. Question:** TS-101.2.3 states the contractor shall install the dredge pipeline along the beach and dune prior to the start of bird nesting season. Will the contract officer remove this constraint and allow construction of this pipeline access with proper bird abatement measures?

**Response:** No. The pipeline shall be installed across the beach and dune within the dredge pipeline corridor prior to nesting season.

- 3. Question:** Will the contractor be allowed to use the dredge pipeline corridor across the dune to move equipment into the project for the full duration of the contract?

**Response:** No. The dredge pipeline corridor is to be utilized for the dredge pipeline only. Equipment access other than for installation of the dredge pipeline is prohibited.

- 4. Question:** Can sand from an outside source be used for the Priority Earthen Containment Dike sand base?

**Response:** Borrow sources external to the Project Site may be utilized to construct the sand base if the majority grain size fraction is sand as per TS-301.3.1.1. The contractor shall be responsible for any required permitting of the external borrow source.

- 5. Question:** Plan Sheet 5 shows Earthen Containment Dike to be 50,790 LF as does the bid sheet, sheet 6 shows Earthen Containment Dike to be 47,370 LF. The coordinates

for the Earthen Dike Centerline (Pts 1-66) shows a distance of 48,740 LF, this distance includes the cross dikes. There is a difference of +/- 2,000 LF. Can this be clarified?

**Response:** The total earthen containment dike length has been modified to 48,138 linear feet on Sheets 2, 5 and 6 of the Plans and Page 2 of the Louisiana Uniform Public Work Bid Form in the Specifications. A conformed set of Plans and Specifications will be provided to the winning Bidder.

6. **Question:** Will the engineer revise DWG Sheet 16 of 53 in higher quality? This drawing shows the instrument settlement plate and construction survey layouts?

**Response:** Sheet 16 of the Plans is provided with better resolution in this Addendum. No modifications have been made to this sheet.

7. **Question:** The marsh creation volume is advertised as 2,624,810 cubic yards with a breakdown of volume per increment fill section on Sheets 5 and 6 of the Contract Drawings. Total fill area for Increments 1 – 4 is identified as 1,013 acres. Using this volume and area an average fill face of 1.6-ft is calculated which appears to be less fill face than what is shown in fill cross sections on sheets 42 thru 51. Please clarify the following:

- a. Please clarify how a marsh fill elevation of +3.0 ft NAVD88 is calculated based on an estimated marsh fill quantity of 2,624,810 CY fill quantity.
- b. Once an Increment is completed, a topographic survey performed and Contractor moves into another Increment, can CPRA request Contractor to return to completed increment?

**Response:** a) The level of bulking of the slurry is dependent upon the operation of the dredge. For the case described in the question, the specific gravity of the slurry would be approximately equal to 1.5 in order to place 2.6 MCY assuming an average elevation of the existing marsh platform equal to -0.35 ft NAVD88. b) As per TS-400.4, the Owner may require the Contractor to place or remove material placed beyond the specified tolerances.

8. **Question:** Please confirm the existing depths of the Equipment Access Corridor.

**Response:** Survey data for the Equipment Access Corridor is available at <ftp://ftp.coastal.la.gov/BA-171/Appendices/>.

9. **Question:** Can Contractor commence fill in Increment after earthen containment dike of that increment is completed for must all earthen containment dikes for all increments be completed prior to commencement of fill.

**Response:** As per TS-400.3, fill placement shall only occur after construction and Acceptance of all earthen containment dikes.

**10. Question:** On the BA-0171.Plans, Page 3 of 53 illustrates that the beginning location of the Equipment Access Corridor (Coordinate A1) is located at the remains of the former Port Fourchon Bridge (see attached photo). Is this area intended to be used by the contractor for the project? If so, is this area available to the contractor during the entire project duration to assist in operations, or only in brief periods during mobilization of equipment?

**Response:** The Equipment Access Corridor does not include the terminus of LA Highway 3090 at the former Port Fourchon Bridge. The Contractor shall obtain approval from the Louisiana Department of Transportation and Development prior to performing any work in this area.

**11. Question:** It is understood that the dredge pipeline can only cross the beach/dunes in the designated 50' corridor. In order to determine a suitable pipeline route can you supply the alignment coordinates of the "Constructed Dune" that runs along the SE perimeter of the marsh fill area?

**Response:** As-built survey data for the dune constructed by the BA-45 Project is available at <ftp://ftp.coastal.la.gov/BA-171/Appendices/>

**12. Question:** Section TS-101, paragraph 101.2.3 states Contractor shall install dredge pipeline along the beach and dune prior to start of bird nesting season which is defined in paragraph 211.4 as February 15 through September 15. This prohibits Contractor from starting fill operations until after September. If Contractor implements and performs bird abatement techniques within the bird nesting period, can installation of pipeline on the beach and other mobilization activities that require beach access occur within the nesting season?

**Response:** No, the dredge pipeline must be installed on the beach and dune and within the dredge pipeline corridor prior to the onset of nesting season. Once installed, the dredge pipeline may be utilized to perform the Work during the Contract Time including the bird nesting season.

**13. Question:** TS-100, Paragraph 100.4 states that Data Sheets in Appendices K and L shall be included in the Bid for the dredge and booster pump proposed for work. Appendix K is for Equipment Data and Appendix L is a Daily Progress Report Form. Appendix J, however, is a Dredge Data Sheet which identifies submission with the Work Plan. Please clarify what Data Sheet, if any, needs to be included with the bid.

**Response:** The first sentence in TS-100.4 is revised to state "The Data Sheets in Appendices J and K shall be included in the Bid for the dredge and booster pump proposed to perform the Work."

**14. Question:** Please clarify if contractor can use single-beam survey for bathymetric surveys.

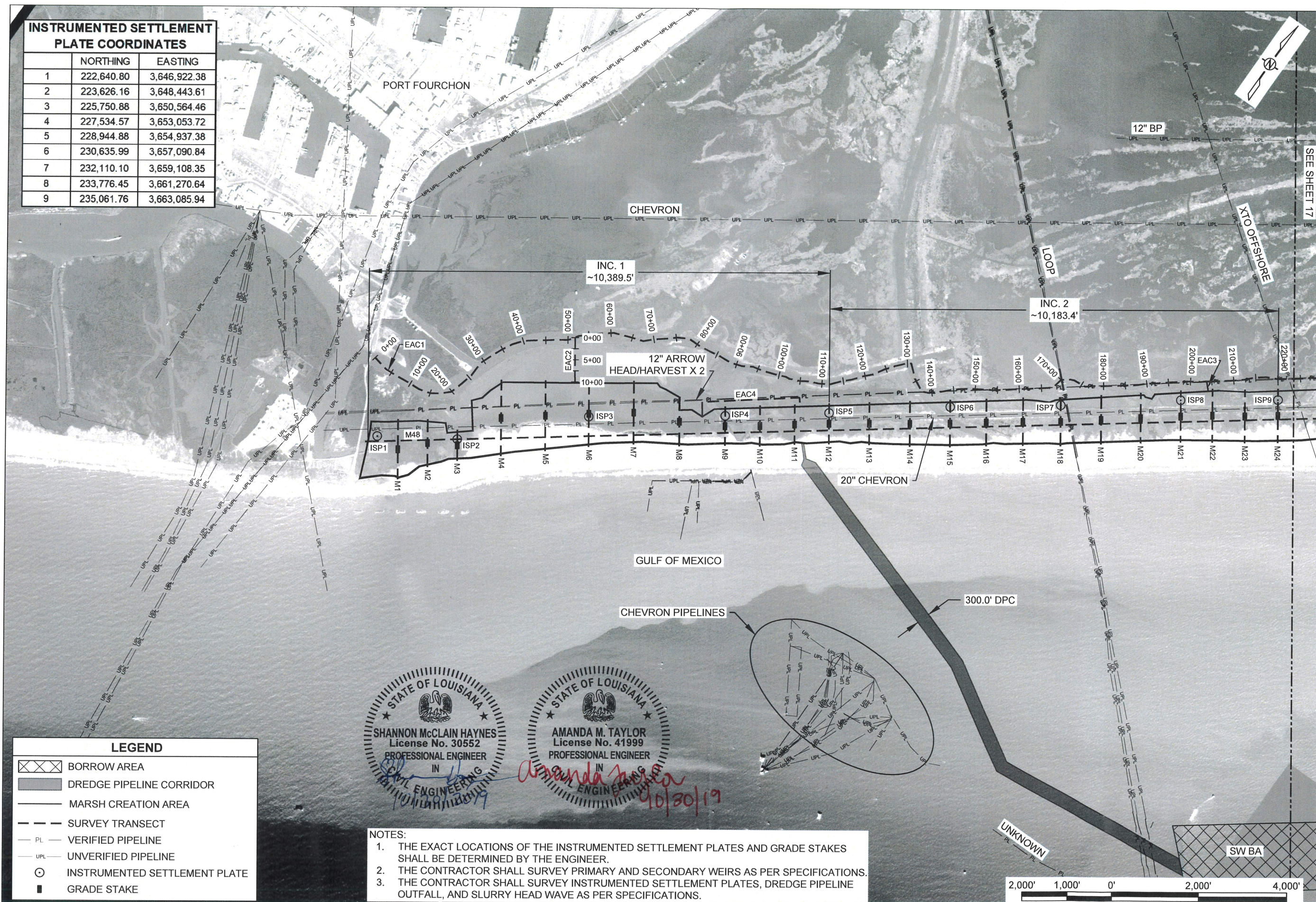
**Response:** Yes.

**15. Question:** Will a survey be required for the DPC between the two borrow sites and if so can you specify the line spacing and length of the transects?

**Response:** Please refer to the Borrow Area Construction Survey Layout on Sheet 13 of the Plans.

**INSTRUMENTED SETTLEMENT  
PLATE COORDINATES**

	NORTHING	EASTING
1	222,640.80	3,646,922.38
2	223,626.16	3,648,443.61
3	225,750.88	3,650,564.46
4	227,534.57	3,653,053.72
5	228,944.88	3,654,937.38
6	230,635.99	3,657,090.84
7	232,110.10	3,659,108.35
8	233,776.45	3,661,270.64
9	235,061.76	3,663,085.94



**LEGEND**

- BORROW AREA
- DREDGE PIPELINE CORRIDOR
- MARSH CREATION AREA
- SURVEY TRANSECT
- VERIFIED PIPELINE
- UNVERIFIED PIPELINE
- INSTRUMENTED SETTLEMENT PLATE
- GRADE STAKE

STATE OF LOUISIANA  
 SHANNON McCLAIN HAYNES  
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STATE OF LOUISIANA  
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*Amanda Taylor*  
 10/30/19

- NOTES:**
1. THE EXACT LOCATIONS OF THE INSTRUMENTED SETTLEMENT PLATES AND GRADE STAKES SHALL BE DETERMINED BY THE ENGINEER.
  2. THE CONTRACTOR SHALL SURVEY PRIMARY AND SECONDARY WEIRS AS PER SPECIFICATIONS.
  3. THE CONTRACTOR SHALL SURVEY INSTRUMENTED SETTLEMENT PLATES, DREDGE PIPELINE OUTFALL, AND SLURRY HEAD WAVE AS PER SPECIFICATIONS.

REV.	DATE	DESCRIPTION	BY

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

INSTRUMENTED SETTLEMENT  
PLATE AND CONSTRUCTION  
SURVEY LAYOUT  
 DESIGNED BY: AMANDA TAYLOR, P.E.  
 APPROVED BY: SHANNON HAYNES, P.E.

CAMINADA HEADLAND  
BACK BARRIER MARSH  
CREATION PROJECT  
 STATE PROJECT NUMBER: BA-0171  
 DRAWN BY: SHANE FAUST