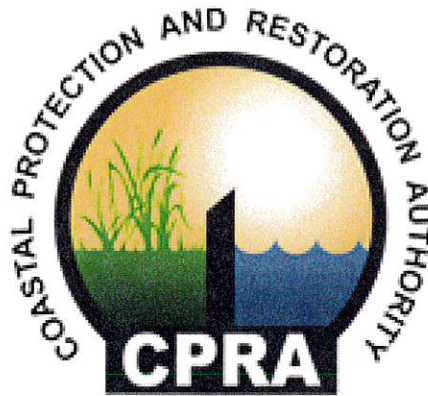


ADDENDUM 4 TO BID DOCUMENTS FOR THE
COLE'S BAYOU MARSH RESTORATION PROJECT
(TV-0063)
VERMILION PARISH, LOUISIANA



STATE OF LOUISIANA
COASTAL PROTECTION AND RESTORATION AUTHORITY

APRIL 27, 2018

ADDENDUM 4 TO BID DOCUMENTS

COLE'S BAYOU MARSH RESTORATION PROJECT (TV-0063)

The interpretations, corrections, or changes in this addendum supersede the requirements in the Bid Documents dated February 2018 stamped and sealed by the Engineer of Record on February 22, 2018.

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

I. CPRA Response to Bidder Questions:

- 1. Question:** Holes for bolts shall be bored perpendicular to the face of the timber 955.5 and shall be 1/16 inch less in diameter than bolt. Can the bored hole be 1/16" larger than the bolt to be inserted? It is unrealistic to try to hammer each bolt into a hole smaller than itself.

Answer: No, as per TS-955.5, holes for bolts shall be 1/16 inch less in diameter than bolt.

- 2. Question:** A washer of the size and type specified shall be used under bolt 955.6 heads and nuts which would otherwise come in contact with wood. Stacked washers will not be permitted. Bolts shall not project more than 1 inch beyond the nut on work securely tightened. Nuts of bolts shall be locked after they have been tightened. Once the bolt is inserted and tightened, due to pole diameters not being exact along with timber dimensions, the excess bolt will have to be cut down to 1 inch. If cutting the bolt is not acceptable, please advise what to do.

Answer: Cutting the bolt is acceptable after installation of the bolt.

- 3. Question:** Pertaining to the water control structures where material will need to be excavated on the marsh creation side of the structure, can the excavated inlet trench material be side casted along the side of the trench?

Answer: Per TS-310.5.2, the excavated material may be temporarily stockpiled on either side of the culvert trench for reuse.

- 4. Question:** If any extra material is excavated at each structure without a borrow area, can the material be placed along the levee on each side of the structure?

Answer: Per TS-310.5.5, all unused material shall be spread along the marsh side of the earthen berm on either side of the culvert(s) not to exceed one (1) foot in

thickness.

5. **Question:** What is the engineer's estimate for this project?

Answer: The Probable Construction Costs will not be disclosed.

6. **Question:** Do the timber pilings have to have an 8" butt and an 8" tip? If so, this will drive cost up for the saw mills to have to shave down a 10" or 12" butt piling to attain an 8" tip.

Answer: Per TS-950.2, the timber pile tips shall have a minimum 25 inch circumference and 8 inch diameter. It is not necessary to have an 8" butt.

7. **Question:** Can you confirm that the Dredge Pipeline Corridor to MCA 2 is the same as the Equipment Access Corridor 1 and 2?

Answer: Yes, the Dredge Pipeline Corridor to MCA 2 is the same as the Equipment Access Corridor 2.

8. **Question:** Will access dredging be allowed from Freshwater Bayou Channel to reach the location on the dike where the EAC route intersects the MCA 1 Dike on plan sheet 6 of 50?

Answer: No. Per TS-102.4, channel excavation shall only be allowed as specified in the Plans and Specifications. Access dredging shall not be allowed in Freshwater Bayou.

9. **Question:** Can you provide the total dike length for each Marsh Creation Area.

Answer: Total dike length for each fill area can be found on **Sheet 3 of 50** on the Plan Set in the "Estimated Quantities" table.

10. **Question:** Are cross sections of the earthen containment dike required to calculate quantities and if so what spacing?

Answer: Per TS-210.8.11, projected earthen containment dike quantities shall be calculated based on the Pre-Construction centerline survey and dike dimensions shown on the Plans.

11. **Question:** Will the contractor be allowed to store material for the water control structures outside of the work limits area? Also, will machinery be allowed to extend past the work limit area at the WCS in order to perform the work?

Answer: The Contractor shall work within the permitted work limit areas on land. Materials shall not be stored outside of these work limit areas.

12. Question: TS-210.8.13 Instrumented Settlement Plates: All instrumented settlement plates shall be surveyed immediately after installation in the Marsh Creation Area 3. The identification number, existing ground elevation, coordinates and elevation of the top of pipe shall be recorded. This survey shall be repeated every thirty (30) days prior to fill placement into Marsh Creation Area 3. Will CPRA supply the instrumented settlement plates and assist with the installation?

Answer: Per TS-251, the Contractor shall furnish all of the materials, labor and equipment necessary to construct, install, survey and maintain four (4) instrumented settlement plates in accordance with the Plans and Specifications. The Engineer shall install the instrumentation concurrent with the installation of the settlement plates in the field by the Contractor.

II. Revisions to Specifications

The following Special Provision shall be added to the Specifications. Conformed Specifications shall be provided to the successful Bidder.

SP-18 AERIAL PHOTOGRAPHY

Aerial Photography shall be obtained to illustrate Pre-Construction conditions, verify the progress of Work, and upon the completion of the Work for Final Acceptance.

Prior to commencing construction, monthly thereafter while construction work at the project site is underway and upon completion of all construction activities, low-elevation color, digital, oblique aerial photography shall be acquired and submitted that shows the progress of the Work. Best efforts shall be made to repeat monthly photographs at the same locations, altitude and viewpoints. Best efforts shall also be made to acquire imagery during good weather for adequate lighting. The Pre-Construction and Post-Construction photography shall obtain a project view(s) of the entire Project Site, with best efforts to repeat at the same locations, altitude and viewpoints. Submittals shall include high-resolution aerial photograph(s) in digital (TIF or JPG) format. Each photograph submitted shall include documentation of the horizontal limits displayed.

Contractor shall provide notice to the Engineer and name/contact information for aerial photography subcontractor a minimum of one week prior to execution of aerial photography.

There will be no direct payment for providing the Aerial Photography as described herein. Payment for Aerial Photography shall be included in the lump sum price for Bid Item No. 3, "General Mobilization and Demobilization (TS-102)". Unrestricted rights to use of the photos shall be conveyed to the Owner.