



ADDENDUM 2

DATE: August 11, 2017

TO: All Prospective Bidders

Linda Tucker (City Administrator, City of Isle of Palms)

FROM: Steven Traynum (CSE Project Manager)

Haiqing Kaczowski (CSE Project Engineer)



RE: Isle of Palms Renourishment Project– Charleston County, South Carolina

Answers to questions submitted by potential bidders follow:

- 1) *Will you elaborate on the purpose for the Priority areas within the borrow area?*

The priority areas are the only areas that should be used during the project. All excavations must be within the permitted areas; however, the boundary of the priority areas within the permitted areas is flexible if the material remains acceptable. It is the intent that no areas outside of the priority area E and all of F will be used unless necessary. This should keep the dredge in the best available material.

- 2) *Will the contractor be allowed to disturb material below the required grade?*

Material may be disturbed below the 8 ft dredge limit (7 ft face plus one foot of overdredge); however, geotechnical data are limited to what is shown on the plans. The average cut depth for each swing of the dredge shall be no more than 8 ft.

- 3) *Are bonds required for both bid sheets?*

Bidders are not required to submit separate bonds for each bid. The bond should state that it covers both bids and is in an amount of at least the highest bid.

- 4) *Will the engineer identify all the available construction access points?*

53rd Avenue is the only heavy (tracked) equipment access. The other accesses capable of handling a vehicle are adjacent to the Property Owners Beach House near station 280+00 and at



Summer Dunes Lane near station 302+00. There are several walking access points at the condo units where people can park and walk to the site. Barged equipment and material may be brought in along the shoreline just north of the project area in Dewees Inlet.

- 5) *If the Wave deflection barrier is not removed prior to dredging, will the contractor be responsible for ponding that will occur between the beach fill and the property line?*

The Contractor will not be responsible for ponding occurring after the project, but is encouraged to attempt to limit water flow from pumping operations from going landward of the dike/berm as the fill progresses in that area. We have had discussions with the contractor removing the device and they will begin removing the structure well in advance of fill being placed; however, the schedule will not be finalized until the project is awarded and the dredging contractor provides an anticipated work schedule.

- 6) *Is there a specific order the Engineer would like the priority borrow areas dug?*

No, as long as the excavations remain within the priority areas.

- 7) *Is there a specific order of work for Reach 1 and Reach 2; i.e. does the Contractor have to complete Reach 1 before Reach 2, and can the Contractor begin beach fill anywhere within the work area of each Reach?*

There is not a specific order of work required; however the Owner would prefer that work begin in Reach 1. Work should not begin immediately seaward of any remaining Wave Dissipation System. Outside of the Wave Dissipation System, work may begin anywhere within the project area; however, if work begins in the center of a reach, another BD survey of the area adjacent to the initial fill section may be required if fill sand spreads from the area initially filled into unfilled areas. Once the project is awarded, the Engineer will coordinate with the Contractor and the separate contractor removing the WDS system to schedule removal in a manner most efficient to dredging operations.

- 8) *Can the Contractor place subline through the excluded areas within the borrow areas, as found on the Plan Drawing Sheet NO. 08?*

Yes, the Contractor can place subline or anchors in the excluded areas within the borrow areas. The only area that is a No Impact area is the cultural resource area south of Borrow Area E shown on Plan Drawing Sheet 08 and labeled as a No Anchor area.

- 9) *How is the Alternate Bid quantity of 400,000 cy, on the EJCDC C-410 Form p. 3-4, divided up between Reach 1 and Reach 2.*

If the full quantity is awarded, 200,000 cy will be placed in each reach. If less than the full quantity is awarded, then the first 75,000 cy will be applied to Reach 1. The next 50,000 cy will



be added to Reach 2. The next 250,000 cy will be split evenly between Reaches 1 and 2. The remaining quantity up to the maximum Bid will be applied to Reach 2. For example, if 230,000 cy are awarded, then Reach 1 will get the first 75,000 cy, Reach 2 will add 50,000 cy, and then the remaining 105,000 cy will be split between the two reaches (52,500 each) for a total alternate increase in Reach 1 of 127,500 cy and in Reach 2 of 102,500.

- 10) *In the Specifications Section 2230 Paragraph 4.5 states, “Surveying shall be completed by a surveyor licensed to practice in the State of South Carolina...” Does the actual data collection have to be performed by a licensed Professional Surveyor, or can the Contractor perform the surveys/data collection, Hydrographic and Topographic, under the direction and certification of a Professional Surveyor?*

The actual collection does not have to be completed by a licensed surveyor. The Contractor may perform the data collection under the direction and certification of a Professional Surveyor. The licensed surveyor will need to certify via a signed letter that the methods and equipment used by the Contractor are acceptable prior to any data collection. Raw data needs to be submitted to the Engineer within 24 hours of data collection. A Professional Surveyor will be required to sign and seal BD and AD submittals for progress payment.

- 11) *Please confirm that beach sections will be accepted on 100-ft increments and that the condition of acceptance will be the placement of at least 90 percent of the design volume.*

This is correct. Sections should be no greater than 100 ft spacing and filled to at least 90% of the design volume and up to 110% of the design volume.

- 12) *In the Specifications Section 2230 Paragraph 4.2 it states, “The Contractor will not be required to grade the fill below the mid tide elevation.” If necessary, are compensating slopes allowed and paid for to achieve required volumes below mid tide elevation?*

Compensating slopes will be allowed and paid for; however, if the Contractor uses compensating slopes, they will be required to periodically level any escarpments in the filled areas during the project should they form. Contractor will only be responsible for eliminating escarpments during the construction period and not after substantial completion.

- 13) *Section 1060 – Regulatory Requirements, Subsection 1.7f and Section 2230 Technical Requirements indicates that the Contractor shall remove all derelict concrete, metal, and coastal armoring material and other debris from the beach prior to any dredge material placement to the extent practicable. What amount of debris does the Engineer anticipate and is there information indicating any debris and debris fields of concrete, pilings, coastal armoring, etc.?*

There is no known debris presently on the beach within the fill area, and the Engineer does not anticipate any significant debris being discovered. In the event wooden planks, logs, sandbags, or other material wash onto the beach prior to the project, the Contractor shall move these material



outside of the fill area so they are not buried. Owner will arrange to have the materials removed from the beach.

14) Please provide Sieve Analysis for the Core Logs found in the Plan Drawing Sheet No. 10 and No.11.

Files have been added to the Dropbox folder under the Technical Reports folder. Available at tinyurl.com/IOPNourishment

15) Do you have a Core Sample for IOP-11 in Borrow Area E? There is not one on the plans.

The log and grain size distribution for IOP-11 have been added to the Dropbox folder under the Technical Reports folder.