

Addendum 1 – December 18, 2019

This addendum provides the US Army Corps of Engineers Permit and answers Requests for Additional Information (RAIs) received as of December 17, 2019.

1. The Permit from the U.S. Army Corps of Engineers for the Hillsboro Beach 2020 Nourishment Project is attached. This permit shall be referenced along with the other environmental permits issued for the Project.
2. The Bid schedule as well as the project description list the quantity as 70,350 **Cubic Yards**. Under the Measurement and Payment section 1.6.1 Beach Fill, this whole section makes many references to payment by the **TON**. This is a big difference, Is payment by the Ton or CY? (its been by the ton on all their previous projects). And does this clarification change the qty?

The 70,350 Cubic Yards is an estimated volume from the design template and for environmental permitting purposes. Payment will be made by the ton in accordance with the technical specification, with the total volume placed confirmed by a post-survey comparison. A revised bid form is enclosed.

3. Under the Measurement and Payment section, there is a section titled “1.5.10 Monitoring of Endangered Species”. But the bid schedule has no line item in for this. Also, I believe the referenced section should be 01 57 20, not 011 57 20.

The 1.5.10 Monitoring of Endangered Species section is to make bidders aware of monitoring requirements and endangered species. Endangered species and monitoring are not anticipated to be required for this project, as turtle nesting and monitoring is conducted by another party. However, it is the contractor’s responsibility to review the endangered species listed in the permits and report any sightings during construction to the Town and Engineer immediately.

4. There is currently some heavy road construction going on along A1A both north and south of and at the project site and access. Will that construction be completed before the project starts? If not, it will surely impact the project. What are the timeframes for road closures, partial road closures, paving etc?

Construction and paving of the roadway are expected to be completed prior to the beach nourishment project start date. The striping of the roadway is expected to be complete but may result in partial road closure for a few days.

5. In the Broward County License No: DF14-1082 Modification 2, it states, “B. Pre-con Requirements: 2. Assessment of the nearshore hardbottom, artificial reefs and Acropora adjacent to the project area shall be conducted in the summer prior to commencement.” Please advise if this will be provided due to the anticipated start date of January and completion by April listed in the documents.

This has been conducted and will be provided to the selected contractor after award.

6. "E. Post-Construction Monitoring 3. Assessment of the nearshore hardbottom, artificial reef and Acropora adjacent to the project area shall be conducted in the summer annually for 4 years after the project completion. The annual reports shall be submitted to the Department within 90 days of data collection. "Is this timeframe accurate for this bid and this is the responsibility of the contractor? This is a very large amount of time for it to be the contractor.

This is not the responsibility of the contractor and will be conducted by a third party.

7. The two listed sand sources are Vulcan Witherspoon and Stewart Immokalee Mine. Can other sources that have been approved in Miami-Dade be suggested and considered?

Yes, as long as the source meets the permit criteria for the Project. Source data must be reviewed by the Engineer.

8. The bid documents reference multiple times supplementary conditions that can be provided upon request. Can these please be provided?

Supplementary conditions were incorporated into the bid documents, immediately after the General Conditions of the contract.

9. On item No. 8 of the bid sheet, it seems the cell does not show the remainder of the writing. Can this please be detailed? Also, there is not a unit of estimated quantity for this time. Please advise.

Item No. 8 on the bid sheet should read "Staging Area Environmental Assessment and Monitoring." This item should be a lump sum. See enclosed updated bid form.

10. Can you please detail the method of payment for beach fill? The technical specs indicate it will be based in tons, but the bid sheet is in CY.

Refer to response for question No. 2.

11. Can you please advise of construction permits required by the City, governmental charges and inspection fees as referenced on pg. 27 of 60 section 6.08 Permits?

The Town of Hillsboro Beach does not require a local building permit for the Project. The Contractor will be responsible if a Right of Way permit is required from FDOT for any temporary construction entrance or Maintenance of Traffic.

12. Article 13 page 47 of 60 – 13.03 Tests and Inspections – "Contractor shall be responsible for arranging and obtaining and shall pay all costs in connection with any inspections, tests, or approvals required for Owner's and Engineer's acceptance of materials or equipment to be incorporated in the Work". Please advise on inspections and tests that are anticipated to be needed as well as if there will be payment necessary to Owner/Engineer and if so, what these amounts are.

Testing requirements are outlined in the technical specifications; no additional testing/inspections are required. If the contractor would like to submit alternate sand sources to be considered for placement approval, it is the contractor's

responsibility to provide the sand characteristic data with respect to permit criteria to the Town and Engineer.

13. Is there a mandatory pre-bid for the project?

No.

14. Would you kindly reply to this email with Planholders List for the above-mentioned project

Please refer to Demandstar for the Planholders List.

15. Request for plans

Please refer to Demandstar to download the plans. The plans are also available on the Town's web site.

16. 01 22 00 - Measurement and Payment section 1.6.1.3 states the unit of measure for the Beach Fill is by the ton. The Bid Form Unit Quantity and Unit Price is listed as Cubic Yard. Is this item going to be paid by the ton based on scale tickets or cubic yard based on survey measure?

Refer to response to Question No. 2.

17. 35 20 25 – Beach Fill section 3.3 (last sentence) states trucks shall remain within the approved project route. Please provide the approved project route for hauling the beach fill material to the staging and access area.

Approved route shall be along A1A to the staging and access area.

18. Will the existing boulders against the existing sea wall require removal or can they be filled over?

Existing rock revetments and coastal structures shall not be removed. Engineer shall direct locations where rock structures can be buried.

19. Will the existing vegetation (grass, sea grapes, etc) next to the existing sea walls need to be replaced where they are removed to accommodate Beach Sand Fill?

Engineer shall direct locations where existing vegetation need to be removed or preserved.

20. 35 20 25 – Beach Fill section 3.5.2.a states only rubber wheeled equipment can operate within 50' of walls & structures, no tracked equipment. Will small rubber tracked equipment be allowed?

Contractor to provide vibration monitoring information to the Engineer for review prior to construction. Small rubber tire equipment should be able to operate in close proximity to existing seawalls and coastal structures.

21. During a recent site visit, others were using the proposed staging area for parking and/or staging. Will we have 100% control of the staging area shown on Plan Sheet C-102 during this contract or will the GC be required to share, limiting the area for staging and stockpiling material?

The staging area will be made available to the contractor. Any equipment/material that belongs to a third party will be separated by fencing.

22. In the Broward County – Environmental Resources License DF14-1082 Section C.9 states this project may only be conducted between October 31 and March 1st unless authorized by the FDEP. However, the date for substantial completion is April 15th. Has working past the March 1st date and in the turtle nesting season been approved? If so, are there any special requirements the GC must account for to work after the March 1st date?

Work has been approved past the March 1st date, when the Broward County will begin turtle monitoring. The contractor shall be prepared to coordinate daily with the nest mapping personnel and work around any turtle nests identified during this period.

23. There are 2 approved mines to supply the beach sand material. Due to the construction time restraints on this project can the approved mines produce the required daily sand quantity? If these mines can't produce the required daily volume of sand to meet the schedule will more time be given to find and approve another source?

The contractor shall confirm that the mines are capable of producing the required quantities. Other sand sources shall be submitted to the Town and Engineer for review and will require approval from permit agencies.