

**ADDENDUM TO RFB DOCUMENTS**

**REQUEST FOR BID:**                    **2018-001**  
**OLD WINTER BEACH ROAD IMPROVEMENTS**  
**Town of Indian River Shores**

**ADDENDUM No.**                    **2**

**DATE:**                                **1/29/18**

To All Potential Bidders:

This Addendum 2 is issued to modify the previously issued bid documents and/or given for informational purposes, and is hereby made a part of the bid documents. Specifically, Addendum 2 addresses: the final questions in writing submitted by contractors to the Town for RFB 2018-001 before the conclusion deadline at 3:00 p.m. on 1/29/18; contractor's questions provided to the Town in writing prior to the optional Pre-Bid Conference held on 1/26/18; questions addressed at the Pre-Bid Conference on 1/26/18; and questions addressed at the project site Walk-Through following the Pre-Bid Conference on 1/26/18.

Please attach this Addendum and Addendum 1 to the documents in your possession. ***Per the RFB, the bidders shall acknowledge receipt of any and all addenda, if any, listing the Addenda by number(s) and date(s) in their Letter of Interest and a copy of each addendum in their bid.***

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Final contractor's questions received prior to Jan 29, 2018 at 3:00 p.m., the conclusion for RFB 2018-001 question and answer period

Q1. The bid documents say a 5% bid bond is required, Demand Star says a 10% bid bond is required. Which is correct?

**A1. The Bid Bond Form will be posted on Demand Star and the Town's website today. It is set for 10% of the project's value.**

Q 2. The River Club driveway entrance is currently an asphalt driveway. Are we replacing this driveway with the same cross-section of asphalt, base and sub-grade as we are constructing for the road?

**A2. Answer: Yes, use the same structural section and pavement thickness.**

Q3. The River Club driveway entrance note states "Miami Curb," but there is no Miami curb existing now and none is shown on the plan view for construction.

**A3. Answer: There is an existing Miami curb at the River Club entrance and it is shown and noted on the new sheet 6a.**

Q4. Please post the missing forms: Bid Bond Form, Bidder's Qualification Statement, Certificate of Corporate Principal, Bid Opportunity List, and Certification of Sublet Work.

**A5. The following forms have been added to the RFB 2018-001 documents list.**

**Bid Bond Form  
Bidder's Qualification Statement  
Certificate of Corporate Principal  
Bid Opportunity List  
Certification of Sublet Work**

Questions & Answers Received Prior to the optional Pre-Bid Conference on 1/26/18

Q1. Further clarification if bidder has to be a General Contractor. Typically the "Certified Excavation and Underground Utility" contractor license is acceptable for this type of work.

**A2. This was addressed in Addendum 1 issued Tuesday, Jan 16 and answered at the Pre-Bid Conference. The term General Contractor includes contractors with a "Certified Excavation and Underground Utility" license.**

Q3. Would it be possible to get a copy of the bid form in excel format?

**A3. Yes, it was included on Addendum 1 issued Tuesday, Jan 16.**

Q4. Missing bid items

- a. Handrail Index #870
- b. Handicap ramps
- c. 18" CAP (96 LF)
- d. Storm Manholes 2 EA (D 9 & D 11)
- e. Modify End wall and inlet D 35E (Unless this end wall is one of the two on the bid form item C 6)
- f. Modify existing inlet D 35F (No Detail) note says replace top.

**A4. These missing items have been added to the attached updated bid form.**

Q5. Plans call for 12" perforated RCP in the exfiltration trenches. Would 12" perforated ADS pipe be

acceptable? If RCP were required Slotted RCP would be a better option. They do not machine perforate RCP it will have to be perforated by hand.

**A5. The option of 12" perforated ADS pipe is acceptable.**

Q6. Plans call for 18" CAP under the driveway at station 67+75. Could this be changed to RCP? Longer life span. There is no line item on the bid form for this pipe. 96 LF called out.

**A6. An optional 18" RCP is acceptable instead of the 18" CAP.**

Q7. Without more information as to what is required for landscaping and mitigation planting we are unclear on how to provide a cost estimate for these items. There is no planting information i.e., type, number, location etc.

**A7. A basic landscape plan with planting details is attached with the bid plans.**

Q8. At Station 76+00 on the south side, the plans show extending an existing pipe. Is this also 18" RCP?

**A8. Yes, extension of 18" RCP.**

Q9. On the profile view of the plans, where is the existing grade line located? Centerline of existing road?

**A9. The grade line is above the proposed 16" reuse line.**

Q10. On page 6 of the plans, structure D-35F is an existing structure that is to be modified. Could a detail be provided to show how we are modifying this structure?

**A10. Contractor shall modify the existing inlet top elevation per the design plan grades.**

Q11. The bid form indicates there is 375 LF of 16" DIP. The profile view of the plans only show two sections of what appears to be DIP by crosshatching on pipe. This only measures approximately 100 LF. Please verify or advise where other DIP is located?

**A11. The bid item for the 16" DIP has been revised to 100 LF.**

**Q12. Could a detail be provided for the type of screen that is required for the existing fence? Is this a chain link fence?**

**A12.** The existing fence line is a 6 ft. height chain link and the screening material will be a commercial grade cloth with extreme privacy blockage of 90% with high quality woven polypropylene material with brass or metal grommets at every 2-ft space.

Q13. Sheet 5 detail B looks like a detail for the Shores Construction Entrance.

a. Conflicting notes on detail "B". One note says contractor it to remove and replace existing brick pavers during roadway and driveway construction. Another note says to install new white pavers.

**A13a. Contractor will remove and restore paver and will install new white pavers for the stop bar and cross walk.**

Q13b. No curb is shown on this detail. Are we installing curb on either side of this entrance or where the pavers meet the asphalt? What type?

**A13b. There is Type D and ribbon curb at the Shores Construction entrance and 2' Miami Curb at the River Club entrance and they have been noted on the bid form for the reconstruction of these entrances.**

Q13c. Is there a driveway detail for the main entrance at the Shores? Are we installing new pavers or using the existing pavers at this entrance? Any curb on either side?

**A13c. There are no details for the shores driveways and contractor will remove and restore existing pavers and any damages pavers will be replaced.**

A13d. Are we responsible for any relocation or reworking of the gate controllers at the two entrances for The Shores?

**A13d. The contractor will repair and restore the gate controllers at the two entrances.**

Q14. Are the handicap ramps and truncated dome warnings to be included as a part of the line item for side walk? There are no handicap ramps shown at station 76+00. Are ramps and/or truncated dome warnings required?

**A14. Handicap ramps and truncated domes have been added to the revised bid form.**

Q15. Quantity of 12" Stabilized sub-grade on bid form is 11,460 SY. Are we adding stabilized shoulders to the area that is being milled from station 90+00 to A1A? (This distance is 975 LF not 950 LF as shown on item B 2) with 5' shoulders beside the new pavement and 5' beside the milling area JCI total is 11,038 SY vs. 11,460 SY on bid form? Also, are we sodding the 5' shoulder?

**A15. Contractor shall add stabilizing shoulders to the area milled and paved from Station 90+00 to A1A which is 950 LF as shown the plans.**

Q16. Our calculations for the earthwork indicated about half of the truckload quantity that is on the bid form. Could the engineer please verify this quantity?

**A16. The earthwork quantities on the bid form have been revised.**

Q17. The bid form has two items for pavement milling. What is item B 1 Pavement Milling?  
(Reconstructed OWBR 2,554 LF)?

**A17. The bid item B1 has been deleted from the bid form.**

Q18. Area of 2" asphalt. Over new construction 6920 SY over milled area 2280 SY total 9200 SY. Bid form has 8600 SY. Please verify quantity.

**A18. The bid item for 2" Type S-1 Asphalt has been revised to 9,124 SY.**

Q19. 16" Reuse questions

- a. Measured length is 3370 LF vs. 3060 LF on the bid form
- b. Count for valves is 4 EA vs. 3 EA on bid form
- c. I do not see any air release valves shown on the plans. Bid form indicates 3 EA. No Detail
- d. It is not clear on the plans where the 16" reuse line terminates or how it connects to any existing main on the east end. Also not clear on the west end how or what we are connecting to. Plan says there is a directional bore under a separate contract. How was the bore terminated?

**A19. The length of 16" Reuse line is 3,504 LF, there are 4 gate valves, and 3 air release valves and the line will end and be plugged at the FDOT right of way.**

Q20. What is bid item C 10 – Elimination of Jungle Trail Drainage Connection? There is a note on sheet 6 that says to locate unpermitted landscape drainage and disconnect. Please provide more information for this item.

**A20. The bid item C10 is to remove an 8" ADS pipe that is direct connected into concrete pipe adjacent to Jungle Trail, fill and stabilize sod.**

Q21. 8' sidewalk only measures 1981 LF bid form shows 3650 LF. 65+50 to 85+80 including the driveways.

**A21. The sidewalk length is 2,000 LF.**

Q22. Silt fence quantity differs, measured 5500 LF bid form 4900 LF.

**A22. The silt fence quantity is 5,500 LF.**

Q23. What restrictions, if any, apply to the maintenance of traffic?

**A23. Contractor will provide MOT per Indian River County and FDOT standards and IRC requires the**

MOT to be signed and sealed by Florida PE. Access shall be maintained to all driveways and road will not be closed at anytime.

Q24. Ditch blocks are to include filter logs. Could you please provide additional information or detail for filter logs?

**A24. The filter logs will be a polyacrylamide material or Floc Logs, which will be installed at each of the six drainage inlets with the exfiltration trench. Attached are the technical specifications for the polyacrylamide or Floc Logs.**

Q25. Bid form note on item C 4 (C inlets) calls out modified grates and baskets) I do not see the baskets in the detail provided.

**A25. The six drainage box inlets at the ditch blocks will require debris-catching baskets to be constructed and installed within each of these inlets. These baskets will be of light weight non-corrosive material with 1 inch mesh netting open pattern to catch any debris and leaves from storm water runoff. These mesh baskets will be attached to the interior walls of the modified Type C inlets to hold the baskets above the top rim of the exit pipe. These mesh baskets will be constructed so they can be removable during heavy storm events.**

Q26. 18" RCP – Measured quantity 44 LF (4 locations) Bid form has 24 LF (At The Shores Entrance)

**A26. The item quantity for the 18 RFP has been revised.**

Q27. Bid form has an item for 2 End Walls. Plans show 1 EA winged 24" headwall and 1 EA 19" x 30" riprap headwall. Details on sheet 13 show a pre-cast 18" headwall. Can we bid the 19" x 30" end wall as a pre-cast end wall pre the FDOT index for the 18" detail? There is no detail for the winged end wall.

**A27. Yes, bid the 19"x30" end wall as pre-cast and there is no detail of the existing wing wall.**

Q28. Does Drainage pipe require video profiling/inspection?

**A28. No video on storm drainage pipes.**

Q29. Do you want all demolition (except pipe removal which is a line item) to be included under clearing? Remove sidewalk, asphalt, pavers etc.

**A29. A separate bid item has been added to the bid form for demolition and removal of sidewalk, asphalt and curb.**

Q30. What is item C 9 (Inlet Filter System) on bid form? (Detail?)

**A30. This bid item has been deleted.**

Questions & Answers provided at the optional Pre-Bid Conference on 1/26/18.

**Please refer to the Pre-Bid Conference meeting minutes posted on Demand Star and the Town's Website.**

Questions & Answers provided at the optional Pre-Bid Conference Project Site Walk-Through

Q1. How do contractors eliminate the ADS pipe underground on the project site's north side along the western boundary where it adjoins Jungle Trail?

A1. Contractors will find an existing, non-permitted ADS pipe along Jungle Trail at the western boundary of the project site. The Town will instruct them to cap the ADS pipe to eliminate the flow of water into the project site.

Q2. Should bidders include the cost of removal, storage and replacement of brick pavers at the River Shores entrance at the southwest boundary of the project site?

**A2. Yes the contractors should include the cost in their bid.**

Q3. What else should the Contractor need to modify at River Shores entrances?'

**A3. Contractors will need to modify the entrance gate controller and will need to coordinate with the Town when the driveway entrances will be closed in order to notify the Shores residents of the entrance closures for construction. This is Bid Item F-9 (Added Bid Items)**

Q4. What should contractors do to address dewatering on the western end of the project site?

**A4. Dewatering is in the technical specifications for the contractor to provide. KMA will look into dewatering with River Club and coordinate with the Town and residents on the north and south sides of the project site.**

Q5. Regarding the Note on the bid item for the 6 ft. cloth fencing, where is this noted and what does it say?

**A5. This item is noted in Bid Item E-11 (Miscellaneous).**

Walk-Through Discussion Clarifications

**C1. An error on the erosion control plan shows the silt fence behind sidewalk. After the Walk-Through, it was found that the silt fence needs to be at RW line and at low areas.**

**C2. Design engineers Knight, McGuire and Associates, Inc. will verify the NOI for the project.**

**C3. Old Winter Beach Road is a County roadway and will require Indian River County inspections.**

**C4. As part of the project's mitigation, the contractor will need to remove the existing Australian Pines**

at the project's site's western boundary. This is bid item F-8 (Added Bid Items).

**C5. Contractors can bill Mobilization within the first four months under the time-sensitive DEM grant contract.**

**C6. The sidewalk that runs along the project site's southern boundary must be 6" thick concrete at 3,000 PSI per Indian River County standards.**

**C7. All bidders should review the timelines associated with the project's two grant funding contracts for funding expiration deadlines including FDEM (construction \$\$\$ end June 30, 2017) and FDEP (construction \$\$\$ end March 30, 2019) to provide a projected schedule of work in their bid that concurs with these time schedules.**

**C8. In accordance with the RFB bid packet, retainage will be collected. The amount of retainage with respect to progress payments will be 10% (ten percent) of the Contract Price or as otherwise stipulated in the contract. After 50% (fifty percent) completion of the construction, the amount of retainage withheld from each subsequent progress payment shall be 5% (five percent). "Fifty Percent Completion" of the Work is defined as that point in time when 50% (fifty percent) of the overall value of the Work items are incorporated and will remain in place subsequent to final completion of the Work based upon the schedule of values contained in the Agreement. As such, and by way of example, the value of the CONTRACTOR's mobilization, general conditions, supervision or like items which do not involve permanent incorporation of the Work do not apply to the determination of "Fifty Percent Completion" of the Work for purposes of establishing entitlement to a reduction of retainage. The Contractor shall, within 90 calendar days of final completion of the Project, submit a final invoice including all retainage, to the Town.**