



ADDENDUM #2

February 11, 2009

To: US 301 Bidders
Subject: IFB #08-3010BG,
US 301 Roadway Improvements

The following information represents responses to questions received from bidders.

1. Q: In attachment E of the FDOT specification package book one of two in section 105 Quality Control General Requirements; Am I interpreting this section correctly as the contractor is responsible for QC testing for installation and materials? Does the contractor provide the QC inspection or is this provided by the owner?
A: The contractor is responsible for QC inspection and testing.
Q: Attachment E of the Manatee County Utility Technical Specifications; Section 01410 item 1.01 states that the owner shall employ and pay for the services of an independent testing laboratory to perform testing. Could there be some clarification on this issue?
A: Manatee County has determined that for the US 301 Roadway Improvements, Section 01410, Part 1.01, shall be modified to state, the "Contractor" shall employ and pay for the services of an independent testing laboratory to perform testing.
2. Q: On the bid form under Waste Water Main Relocations; Item #1: Is the unit of measure correct being LF?
A: Under Wastewater Main Relocations, the unit of measure for Item #1, Remove 2" ARV (Above Ground), has been revised to be "EA" (each) rather than LF (linear feet). See attached revised Bid Form.
3. Q: What are the circumstances associated with the 20" line stop @ sta. 130+60. Could clarification on this item be issued? The notes on plan sheet 357 section x item 2 refers to closing valves @ stations 145+12 and 150+98 to isolate prior to relocation activities. No mentions of a line stop to accomplish this relocation. On plan sheet 323 @ sta. 135+78 there appears to be a valve on the 20" main. It seems that this valve could be utilized thus no need for a line stop.
A: Section "X", item #2 description is in error as it actually pertains to the Section "Z" description also included on sheet 357. The first sentence of the actual description for Section "X", item #2 should read as follows:





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"2. Contractor shall isolate portion of existing 20-inch water main to allow relocation of existing 20-inch water main around Drainage Structure S-521 by closing existing 12" gate valve at station 128+09, left on east side of existing 12" x 12" cross and installing a 20-inch line stop at sta.130+60, left."

The remainder of Item 2 in Section "X" will remain in force and as originally written in the Utility Adjustment Plans.

The reasons for using a line stop to close the existing 20-inch water main are to minimize the amount of water loss in closing the potable water transmission main, the amount of water main to be retested both for pressure and bacteriological clearances, and limit the period of time in which the 20-inch water transmission main will be out of service. It must be noted that until such time that the new 20-inch water main is constructed and placed into service between sta. 161+67, left, and sta.197+45, right, the existing residential customers in the Forest Creek Subdivision would be out of water service for an extended period of time unless the relocation of the 20-inch water main at sta. 130+20 is performed after the placing into operation of the new portion of 20-inch water main noted herein.

4. Q: Why are we bidding alternative items for the 20" line stop when there is a bid item to perform this task? There are only a handful of contractors that can perform this operation, being the prime we are going to shop for the best number.

A: Addendum No. 1 addresses the reasons for the inclusion of the alternative bid items #12-A and 12-B.

5. Q: Alternate item 12-A is an inflatable type stop where slippage could occur. Their disclaimer states that "Never use an inflatable plug when its failure would cause injury". I don't think anyone can guarantee against failure. This is also a purchase to own product. Does the contractor retain it after its use? It does not seem practical for a one time use

A: The Alternative Bid Item 12-A inflatable type line stop product would become the property of the owner, Manatee County, upon completion of the U.S. 301 Roadway Improvement project. One of the reasons that Manatee County desires to include this alternative bid item in the contract bid form is to determine if it is cost-effective for the County to utilize this product now and on future projects.

6. Q: Item 79; Fencing, Type B, 5.1-6.0, Standard: Cannot find this item in the plans. Could this be clarified?

A: Standard Fencing is shown on Plan Sheet No. 38.

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7. Q: Item 82; Fence Gate, Type B, Double, 6.1-12.0' Opening: 1 of these gates is located in pond 5. Can the other 2 be clarified on their location?
- A: Double Fence Gates are shown on Plan Sheet No. 38.
8. Q: Plan Sheet 164: This sheet shows littoral zones to be planted. Does not indicate size of plants. There is no bid item for littoral zone plantings. Sheet 159 shows pond 3, but no location of litt. shelf plantings. Please clarify.
- A: Add a bid item 580-1-1, Landscape Complete-Small Plants, LS - lump sum line item shall include 1.70 acres of littoral shelf plantings for Pond 1, 2, 4, and 5, and also 0.70 acres of wetland plantings in Wetland C. Littoral shelf for Pond 3 has been constructed and established by the Forest Creek development. See attached revised Bid Form.
9. Q: Attachment "E" Manatee County Special Provisions: Section 6 Wetland "C" Enhancement: This details plantings but there is no item for this on the bid form. Please clarify.
- A: Add a pay item note to TP 110, Removal of Existing Structures:
- "The removal of the existing exotics/nuisance plants in Wetland C shall be included in line item 110-1-1, Clearing & Grubbing."
10. Q: Plan sheet 29 references 6" concrete median fill @ sta. 27+00, where is this quantity accounted for on the bid form?
- A: This material is paid for under Pay Item No. 522-2, Sidewalk Concrete, 6" thick, SY.
11. Q: I am having trouble finding vendors to provide the pond 5 aspirating aeration system, as you can see from the correspondence that I have received back from them; they suggest that the engineer provide the manufacturer that can meet the specs or possibly change what is being specified.
- A: The aspirating pond aeration system described on sheet No. 161A is based on the Air-Max Pond Aeration System provided by:
- Custom Fountains, Inc.
4300 East Main Street
Mason, OH 45040
1-800-563-5628

Equal products meeting the performance specification will be considered.

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12. Q: Please provide the engineer's estimate for this project. The information is needed for ordering a Bid Bond.

A: \$34,124,268

13. Q: No cross sections for pond 2, and pond for grading purposes.

A: Maintenance way, top of bank, edge of water and bottom elevation are shown on sheet No. 158. Pond bottom shall be graded 1:4 from El. 33.00 to El. 30.00, then 1:2 from El. 30.00 to El. 20.3. Dashed lines represent those locations.

14. Q: Sheet 158A denotes an area for stockpile. Does the fill excavated from pond 2 go to this area to be stockpiled? Does this eliminate the fill from this pond for use on the project? Was the fill from this pond calculated in the excavation & embankment items? Is the contractor required to strip the stockpile area?

A: All excavation from Pond 2 is to be stockpiled at the designated area and becomes the property of the owner. The quantity was included in excavation & embankment. The contractor is not required to strip the stockpile area.

15. Q: Drawing sheet 164 charts Littoral Zones for each of the five ponds.

a. Is littoral zone construction for each pond to be included in this bid?

A: See response to question No. 8.

b. If so, where at Pond 3. Pond 3 sheet 159 shows "Existing Lakes" 1, 2 and 3, but does not indicate any littoral zone.

A: See response to question No. 8.

c. If so, what bid pay item will the littoral zone work and planting be paid?

A: See response to question No. 8.

16. Q: What is the intent of the "Stockpile Location" indicated at Pond 2, Drawing Sheet 158A?

A: See response to question No. 14.



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17. Q: Will "laser-profile" testing of the storm drainage pipe be required on this project?

A: Yes.

18. Q: I would like to know if the contractor will provide the QC for construction materials testing? If this is the case, is this project going to be a full FDOT quality control?

A: See response to question No. 1. This project will require full FDOT quality control.

19. Q: On the Bid Form, Manatee County Item 86, ((FDOT Item 630-1-12 (conduit underground) is listed as 22,410 LF of 3" conduit.

In the Signal Plans Tabulation of Quantities, this item is listed as 2,485 LF of 2" conduit.

The difference is well over \$100,000.00.

Please advise.

A: The difference in the two quantities is the 3-inch conduit-communication with pull cord shown in the Lighting Plans. Attached are revised Signalization Plans reflecting most current pay items. Please note sheet No. T-2, Pay Item 630-1-12, Conduit-Signals (F&I) Underground quantity is now 1335 LF. On Lighting Plans, sheet No. L-3A, the description for Pay Item 630-1-12 has been changed to Conduit-Signals (F&I) Underground. Attached is revised sheet L-3A. This is the pay item for 3-inch conduit-communication with pull cord shown on the plans.

20. Q: Signal plan tabulation of quantities show the following items, The Manatee County Bid Form shows none.

- 1) 639-3-11, 3 ea
- 2) 650-51-111, 1 ea
- 3) 650-51-121, 4 ea
- 4) 663-74-12, 4 ea
- 5) 670-4-1, 1 ea

I assume we add these items to our bid but would appreciate an affirmative from Manatee County.

A: The attached revised Signalization Plans and Bid Form address this question.



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21. Q: Please clarify the following:

1. Under which item we will be paid for the concrete median flumes?

A: FDOT Standard Index No. 283 specifies that cost of flumes shall be included in the price for curb and gutter.

Q: 2. There is a separate breakdown for Parrish Force Main, but it is not identified on the plans?

A: The bid items under the category "Parrish Force Main" are for the 4-, 6-, and 18-inch force main pipe, valves, and accessories to be installed on US 301 from station 201+75 to 222+70 (including Rutland Road, aka CR 675) and on Ft. Hamer Road from station 41+46 to 49+23. These bid items are separated from the "Wastewater Main Relocations" since they are under separate Manatee County funding sources.

Q: 3. Is the job still bidding on 2/25/09?

A: Yes.

Q: 4. Is it possible to extend the bid date?

A: No.

22. Q: Upon reviewing the bid form/specs for the above bid I am respectfully requesting Fusible PVC be allowed as a wastewater pipe option for:

a) the Wastewater Main Relocation bid items 18, 20, 22, 23, and 25

and

b) the Parrish Force Main bid items 6 and 7.

A: Fusible PVC will not be allowed as an option.

23. Q: Regarding alt item 12-A and 12-B provide contact information for Petersen Products and Municipal Pipe Services.

A: Petersen Products Co.
421 Wheeler Ave.
Fredonia, WI 53021
Tel: 262-692-2416, 800-926-1926
Fax: 262-692-2418, 800-669-1434

Municipal Pipe Services
1100 Franklin Avenue
Hastings, Nebraska 68901
402-462-4191
info@municipalpipeservices.com



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24. Q: Addendum 1 contains the sign in sheet for the information conference, please provide the meeting minutes for this conference.

A: As stated at the Information Conference, no meeting minutes would be provided. If any questions required clarification or change to the bid documents, they were addressed in Addendum #1.

25. Q: Road Construction bid item 66 Underdrain type 4 states type 4 underdrain, however plan sheet 171 has a detail for type I Underdrain. There are major differences in the Type I and Type 4 details in the FDOT Design Standards. Which are we doing?

A: Bid Item 66 is Underdrain Type V. This is to be installed in the linear dry detention areas as shown in the plans in accordance with the intent of FDOT Standard Index 286, sheet 2 of 2.

26. Q: Road Construction bid item 67 Underdrain, Special. I find no detail in the plans for Special Underdrain. Please provide detail.

A: The Type I Underdrain shown on plan sheet 171 has been revised to be named Underdrain, Type Special.

27. Q: The installation of some of the storm drain outfall pipes to the offsite ponds will require crossing the Phase One Maint. Of Traffic Lanes. Will temporary runarounds be permitted? Will pavement be required on these runarounds or would base material be sufficient?

A: Temporary runarounds will be permitted if there is sufficient area and the traffic control meets the FDOT Standard Index 600 series. Pavement will be required on the runarounds. Base material will not be sufficient.

28. Q: Sheet 157, Pond I: Are there any existing bottom elevations?

A: No elevations are available.

29. Q: Bid Items 711-11-111, 711-11-112, 711-11-114, 711-11-131, 711-11-211 are all NM Units. I find it hard to believe that they are all even miles. Typically these items are out into decimals. Are these the correct quantities?

A: Quantities have been updated to the nearest one-thousandth of a foot. See revised Bid Form and plan sheet Nos. 1B and 1C.



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30. Q: Sheet 158 specifies a bottom elevation of 20.3. Is that as deep as we can go or is it acceptable to excavate deeper should more material be needed?

A: All material from Pond 2 is to be stockpiled at the designated location and becomes the property of the property owner. Any material excavated below El. 20.3 would also be stockpiled and become the property of the property owner.

Additional Information Provided by the Engineer-of-Record

1. Sheets 335, 336, and 353 of the Utility Adjustment Plans have been modified as follows:
 - a. Sheets 335 and 336: The proposed 4-inch PVC force main alignment from approximate station 208+00 to station 209+80, Lt, has been adjusted approximately 3 feet eastward toward the back of curb to avoid conflict with an existing CATV buried concrete vault (2'x3') at station 209+06, Lt. No additional linear feet of 4-inch PVC force main pipe is required.
 - b. Sheet 353: The linear footage of 6-inch PVC restrained joint force main on CR 675 east of US 301 has been increased from a total of 80 to 100 feet in length. See attached revised Bid Form.

Sincerely,

WilsonMiller, Inc.

Mitchell D. McKnight, P.E.
Vice President
Regional Manager, Transportation

Encl. – as noted