

# MANATEE COUNTY

May 18, 2010

All Interested Bidders:

SUBJECT: Invitation for Bid #10-1744-OV  
Dude Ranch Acres Sanitary Sewer Improvements  
Project No. 6073980

## ADDENDUM #2

**Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.**

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

Additional questions shall not be accepted at this time as the stated deadline of May 17, 2010 has lapsed. This deadline has been established to maintain fair treatment of all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

This Addendum consists of the follows:

- Seven (7) pages of text from the Engineer of Record, Malcolm Pirnie dated May 18, 2010 addressing questions received through May 17, 2010.

Financial Management Department – Purchasing Division  
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205  
Phone: 941-708-7527 – Fax: 941-708-7544

LARRY BUSTLE \* DR. GWENDOLYN Y. BROWN \* JOHN R. CHAPPIE \* RON GETMAN \* DONNA G. HAYES \* CAROL WHITMORE \* JOE  
MCCLASH

*District 1*

*District 2*

*District 3*

*District 4*

*District 5*

*District 6*

*District 7*

May 18, 2010  
Invitation for Bid #10-1744-OV  
Dude Ranch Acres Sanitary Sewer Improvements  
Project No. 6073980  
Addendum #2 / Page 2

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

**END OF ADDENDUM #2**

Bids will be received at the **Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 until 2:00 P.M. on May 26, 2010**

Sincerely,



R. C. "Rob" Cuthbert, CPM, CPPO  
Purchasing Division Manager

Ov  
Attachments – (7 Total Pages)



## Dude Ranch Acres Sanitary Sewer Improvements Project No. 6073980

### ADDENDUM No. 2

May 18, 2010

The following items represent clarifications, additions, deletions, and/or modifications to the Contract Documents for the above-referenced project. This Addendum shall hereafter be regarded as part of the Contract Documents. Items not referenced herein remain unchanged. Receipt of this Addendum shall be acknowledged below and on the Bid Form.

This addendum consists of:

- Seven (7) cover pages

In addition to clarification to written requests for information, these items replace original items previously issued or are to be added to the Bidding and Construction Documents as indicated.

#### PART I – PERTAINING TO THE SPECIFICATIONS

##### FRONT END

1. Section 00020, Basis of Award, Article B.03, Qualifications of Bidders:  
Delete "License Requirement: Under Ground Utility and Excavation License."  
Replace with "License Requirement: General Contractor and Underground Utility Contractor License."

##### DIVISION 2 – SITE WORK

1. Section 02640, Valves and Appurtenances, Paragraph 2.05.F.:  
Add the following sentence to the end of paragraph, "For 2-inch plug valves, provide 1/4-turn only."
2. Section 02640, Valves and Appurtenances, Paragraph 2.05.H.:  
Delete Paragraph 2.05.H. in its entirety.



Replace with "Plug valves shall be coated inside. Steel, cast-iron, and ductile iron surfaces, except machined surfaces shall be epoxy-coated in accordance with AWWA C550."

## **PART II – PERTAINING TO THE DRAWINGS**

### **GENERAL**

1. Drawing G-2 General Notes; Site Clean-up and Maintenance. Add 3.A.5. as follows:
  4. Cypress trees that are not indicated for removal on the Contract Drawings are not to be removed. Methods for excavation must prevent damage to the Cypress trees. Orange trees and oak trees that must be removed due to construction, and that have been approved by the County, shall be replaced.

### **CIVIL**

2. Drawing C-2 Enlarged Plan. Delete the callout "2" Plug Valve". Replace to read "2" Gate Valve".

## **PART III – CLARIFICATIONS TO BIDDERS QUESTIONS**

**Question:** In Section B.03, Qualifications of Bidders, it only lists Under Ground Utility and Excavation License. In previous IFB's it stated General Contractor or Under Ground Utility. Is a General Contractor's license acceptable for this project?

**Response:** This requirement has been modified please refer to Addendum 2, Page 1, Item I.1; Front End.

**Question:** Plans show making connection from force main to valve vault with a 2-inch megaflange adapter. Megaflange adapters are not available in 2-inches. Can a 2-inch schedule 80 Vanstone be used for that connection?

**Response:** Please refer to Addendum 1, Page 6, Item II.5.

**Question:** Plans show DR14 C900 to be used from the piping downstream of the pump out, exiting the valve vault and connecting to the force main. This is not applicable as C900 starts at 4-inch diameter. Can 2-inch Schedule 80 PVC be used in this application?



**Response:** Please refer to Addendum 1, Page 6, Item II.4.

**Question:** Plans show SS fittings in the interior of the valve vault. Specifications say fusion bond epoxy fittings. Can we use 2-inch threaded SS fittings for the interior of the valve vault?

**Response:** Refer to Section 03500, Lift Stations, Paragraph 2.01.E.1, 2.01.B.1. and Sheet C-2, Section 1/C-2 on the Contract Drawings. Paragraph 2.01.E.1. states that "All connections to iron bodied flange fittings ... shall be made using HDPE flange adapters with Type 316 stainless steel backup rings." Paragraph 2.01.B.1. states that "All valves and fittings shall have factory applied, fusion bonded epoxy coating on interior and exterior."

**Question:** Plans show plug valves for the interior of the valve vault. Specifications state gate valves are to be used. Can we use 2-inch gate valves in the interior of the valve vault?

**Response:** This call out had been modified. See Addendum 2, Page 2, Item II.2.

**Question:** Plans show a 2-inch plug valve outside of the valve vault. Specifications state plug valves are to have worm gear. Worm gears are not available on 2-inch plug valves. Can a standard ¼ turn plug valve be used?

**Response:** This specification has been modified. Please see Addendum 2, Page 1, item I.1 – Division 2 – SITE WORK.

**Question:** Specifications state plug valves are to be P401 lined or amine cured novolac ceramic epoxy. These linings don't apply to valves. Can a 2-part thermal epoxy be used for the valve lining?

**Response:** This has been modified. Please refer to Addendum 2, Page 1, Item I.2 - Division 2 – SITE WORK.

**Question:** Can 2-inch SDR 9 CTS HDPE be used for the force main directional drill?

**Response:** No. Please refer to Section 02621, Polyethylene (HDPE) Pipe and Tubing 3-inch Diameter and Smaller.

**Question:** General notes in the plan set indicate that there is to be no clearing and grubbing unless indicated. On Sheet PP-4, most of the sanitary sewer proposed for the east side of Caruso Road is in direct conflict (inside the easement) with a line of large mature trees, but there is no indication that these trees are to be removed. Is the cost of clearing these trees to be included in the bid? If yes, do they need to be replaced with any additional trees?

**Response:** Please refer to Addendum 1, Page 6-7, Part III, Question 3.



**Question:** There is a property line fence within the easement in direct conflict with the proposed sanitary sewer on the east side of Caruso Road. Will this fence need to be replaced with a new fence or simply removed and replaced?

**Response:** Please refer to Addendum 1, Page 6, Part III, Question 2.

**Question:** The proposed sanitary sewer running down 47<sup>th</sup> Ave. is mostly within existing asphalt pavement limits. This would indicate that the entire road is to be overlaid. If the entire road is to be overlaid, the quantity in the pay item is substantially under estimated. Please clarify.

**Response:** Please refer to Addendum 1, Page 8, Part III, Question 10.

**Question:** The 20-inch FM located on the west side of Caruso Road appears to be beneath the existing sidewalk/retaining wall. Please indicate its exact location in reference to this sidewalk/retaining wall. If it is beneath the SW/Retaining Wall, please indicate the extent to which the sidewalk/retaining wall and aluminum handrail will need to be restored.

**Response:** Refer to sheet C-1, Section 1/C-2 for the anticipated location of the 20-inch FM in reference to the sidewalk, retaining wall, and railing. Refer to General Note 1.E. and Site Clean-up and Maintenance Note 3.A.2. on Sheet G-2 of the Contract Drawings and Section 02999, Miscellaneous Work and Cleanup, Paragraph 3.01. and 3.04.A.

**Question:** Due to the close proximity of the receiving pit for the 2-inch direction drill to live traffic on Caruso Road, will a temporary barrier wall with crash cushions be required or will Type II barricades be sufficient?

**Response:** Conform to the specific FDOT MOT Indexes provided on the Contract Drawings. MOT Index No. 600, which provides Department policy and standards, describes appropriate barriers required for various drop off depths that are applicable for all FDOT MOT Indices.

**Question:** Will temporary message boards be required in any of the maintenance of traffic (these are normally optional items)?

**Response:** As stated on the Plan and Profile Sheets, follow the specific FDOT MOT Indexes provided. For this project, the County does not consider temporary message boards to be required for this project.

**Question:** Has any consideration been given to the maintenance of traffic on 47<sup>th</sup> Ave. with regards to the limited area that exists during construction. To what extent will the contractor be required to improve (or not improve) temporary access for property owners in and around



construction zones?

**Response:** Please refer to Addendum 1, Page 9, Part III, Question 12.

**Question:** Manatee County Utility Standards UG-12 indicate maximum widths for asphalt pavement repair payment. This particular project will require a substantially wider trench due to the depth of proposed sewer and additional work area needed for dewatering requirements set forth in the design. Due to the fact that the proposed sewer line is located mostly within the existing asphalt pavement along the entirety of 47th Avenue, it may be prudent to remove the existing asphalt surface in its entirety. Our questions therefore are:

Will the owner make an exception to its standards on this project and pay for a complete new pavement (including base and stabilized subgrade)?

If there will be no exception to the standard, will the contractor be allowed to remove all pavement and re-construct 47th Avenue at its discretion?

In either case, what will be the typical detail required for a full pavement replacement on 47th Avenue?

**Response:** Please refer to Addendum 1, Page 8, Part III, Question 10.

**Question:** Is Pay Item No. 6 on the bid form for the 2-inch Force Main Plug Valve?

**Response:** Please refer to Addendum 1, Page 8, Part III, Question 8.

**Question:** On Sheet C-4, there is a detail for landscape planting requirements surrounding the lift station. Do these requirements pertain to this project? If yes, can more details be provided? (there are no details on types of plants, sizes, mulch, driveway materials, etc?)

**Response:** Please refer to Section 03500, Lift Stations and Section 02480, Landscaping.

**Question:** Details for fencing around the lift station do not clearly indicate the type of fence gate. What is the width of the gate required?

**Response:** Refer to Sheet C-1 and C-4. The gate will be 12 feet wide.

**Question:** A previous question has been asked pertaining to replacement of trees in conflict with construction. Previous clarifications referred to General Notes 1.D, 1.E and 3.A.21. Note 1.D speaks of replacement of trees up to 3"; it also speaks of removal of trees greater than 3" must be approved by County prior to removal. Nothing is said about replacement of trees greater than 3". Our request for clarification on this issue is as follows:

a. On Sheet PP-4 it is fairly clear that an existing line of 40± (each) 10-inch to 14-inch trees will need to be removed due to the depth of excavation required. Can we assume the county has, by



nature of the current design, approved the tree removal?

b. Will these trees need to be replaced? If yes, with what variety, size and quantity?

**Response:** All trees that must be removed must obtain approval by the County as stated in Note 1D. on G-2. An additional note has been added on G-2; please see Addendum 2, Page 2, Item 2.1. In addition, refer to Section 02999, Miscellaneous Work and Cleanup, Contractor is responsible for all damage to private property due to his operations. Replacement shall be equivalent to that which existed prior to construction and Contractor may remove and replace or reuse existing materials with the exception of paving.

**Question:** A Previous question has been asked pertaining to Bid Item No. 9 for the replacement of asphalt and subsequently addressed by Addendum #1 which modified Pay Item No. 9. Modifications do not properly address the reality of the construction, which needs to be completed related to this item.

a. We are in agreement with the previously asked question that the entire roadway on 47<sup>th</sup> Ave. will need to be removed. The addendum in pay item 9A, however, will only pay for trench width restoration according to Manatee Standard UG-12 as stated. Due to the depth of excavation and dewatering, this is contradictory to what will actually need to occur in this situation, since the entire roadway will need to be replaced. Please clarify and consider deleting Pay Item 9A altogether.

b. Pay item 9B clearly addresses pavement overlay only. Related to a. above, please consider changing Item 9B to Pavement Restoration since the entire pavement will need to be replaced. In either case, please indicate depth and type of base, and depth and type of asphalt restoration and whether a stabilized sub-base is required.

**Response:** As stated in Addendum No. 1, Pay Item 9A will only provide for pavement repair and road restoration for the trench as shown in the Civil Details. Pay Item 9B will provide for overlay for the entire width of road.

**Question:** A previous question asked about the MOT we need to include for this project. The response referred to the plan sheets which stated the FDOT Indexes to follow. We have questions pertaining to this:

a. On Sheets PP-1, PP-2, PP-3, notes state that FDOT Index 603 is to be used for MOT. FDOT index 603 is for work in one lane only. Actual construction on these sheets will encompass the entire roadway due to the depth of excavation, the centered location of proposed sewer line and dewatering. There will be inadequate room on this road during construction to simply divert traffic from one lane to the other lane because both lanes will be needed for the work zone. Therefore, Index 603 cannot be used for MOT. In fact, any MOT in this situation may need to





involve temporary roadway, detour and/or road closing. We make a further request that the county and its design engineer provide further guidance as to how the contractor is to perform its MOT to maintain access to the properties affected by this project.

**Response:** The design intent is to allow one lane of traffic at all times. Contractor shall have to stage construction so that only one lane of traffic is blocked at a time and provide access for homeowners and emergency vehicles during construction.

**Question:** Is the lift station going to still be 2-inch discharge piping? If so, can it be Schedule 80 in the wet well or does it have to be 2-inch HDPE?

**Response:** Please refer to Section 03500, Lift Station, Paragraph 2.01.E.1., Addendum 1 (Page 5, Item I.1. – Division Three – Concrete), and Sheet C-2. All force main piping and fittings within the wet well and valve vault from the pump base elbow to the check valve, shall be DR11 HDPE.


**Question:** Please clarify what type of fittings are used outside of the wet well. Detail shows 90 degree bends and a cross. The cross is not available in flanged ductile. Can fittings be Schedule 80 or stainless steel?

**Response:** Please refer to Addendum 1 (Page 5, Item I.1. – Division Three – Concrete), and Sheet C-2. All piping downstream of the cross in the valve vault to the plug valve shall be PVC ASTM D2241. As shown on Sheet C-2, and in Addendum 1 (Page 6, Item II.4), the piping is PVC ASTM D2241 which corresponds to Section 02622, Polyvinyl Chloride (PVC) Pressure Pipe.

**Question:** Do valves need to be flanged outside of the wet well?

**Response:** Refer to Section 02622, Polyvinyl Chloride (PVC) Pressure Pipe, Paragraph 2.01.D.1. All fittings for PVC pressure pipe shall be with mechanical joints.

Thank you,

 on behalf of

John Pacific, PE  
Project Manager  
Malcolm Pirnie, Inc.