



MANATEE COUNTY

May 13, 2010

All Interested Bidders:

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

ADDENDUM #1

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.

The deadline to submit all inquiries pertaining to this bid has been extended from May 10, 2010 to May 17, 2010. Questions submitted should include a reference to the page and / or sheet number of the plans and / or specifications section to ensure your specific question(s) is properly addressed.

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:

- Nine (9) pages from the Engineer of Record, Malcolm Pirnie dated May 13, 2010 addressing the questions received at the Information Conference which was held on April 28, 2010 and questions received through May 4, 2010.
- Engineer's Estimate of Construction Costs dated May 5, 2010 (1 Total Page).
- Revised Bid Forms for Bid "A" based on 180 Calendar Day Completion Time and Bid "B" Based on 240 Calendar Day Completion Time (2 Total Pages).
- Sketch SK-01 referring to the New Irrigation Line (1 Total Page).

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 13, 2010
Invitation for Bid #10-1744-OV
Dude Ranch Acres Sanitary Sewer Improvements
Project No. 6073980
Addendum #1 / Page 2

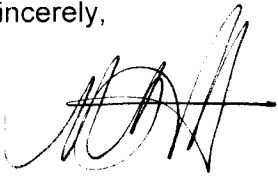
Bidders Note: The Bid Forms attached to this Addendum #1, Pages 00300-2 and 00300-3 supersede all other Bid Forms issued for this solicitation and shall be used in submission of your bid in response to this Invitation for Bid.

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 #1

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 – (13 Total Pages)



Dude Ranch Acres Sanitary Sewer Improvements Project No. 6073980

ADDENDUM No. 1

May 13, 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:

- Nine (9) cover pages
- Engineer's Estimate of Construction Cost
- Bid Form, pages 00300-2 and 00300-3
- Sketch SK-01

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 00300 – Bid Form
 - a. Replace page 00300-2 and 00300-3 in their entirety and replace with the attached page 00300-2 and 00300-3.

DIVISION ONE – GENERAL REQUIREMENTS

2. Section 01150 – Measurement and Payment
 - a. Replace Bid Item No. 4 in its entirety with the text below:

Addendum No. 1
IFB #10-1744-OV
Dude Ranch Sanitary Sewer Improvements

Page 1 of 9



BID ITEM NO. 4 - PVC FORCE MAINS (SDR 21 ASTM D 2241)

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid per the schedule of prices for furnishing and installing the listed diameter PVC force main (AWWA C-900, CL-150 , C-905, CL-235 or ASTM D 2241, SDR 21) pipe and fittings as shown on the Contract Drawings and listed on the Bid Form. Measurement and Payment shall be made for the actual length of the listed diameter pipe and installed and will represent full compensation for all labor, materials, excavation, including rock, dewatering, bedding, backfill, compaction, testing and equipment required to complete these Bid Items. No additional compensation shall be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill material, or for repair of any trench settlement. Reference Civil Details provided on Sheet C-3 of the Contract Drawings.

- b. Replace Bid Item No. 7 in its entirety with the text below:

BID ITEM NO. 7 - SUBMERSIBLE LIFT STATION

Payment for all work included under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the construction of the lift station within the site identified including dewatering, excavation, including rock as necessary, bedding, backfill, concrete, materials, piping, valves, wastewater pumps, flow meter, controls, electrical equipment, wiring, telemetry, hatch covers, all site work including sodding, fencing, brush and/or tree removal, landscaping, the listed diameter PVC (ASTM D 2241) force main within lift station site limits, asphalt driveway, drainage improvements, and all other materials and equipment necessary for a complete and fully operable system, including testing and start-up, all as shown on the Contract Drawings and/or otherwise required by the Contract Documents, ready for approval by Engineer and acceptance by Owner. Payment shall also include all landscaping, irrigation system, reclaimed water connection, a backflow preventer on the water service line and other potable water appurtenances, and all other items called for or necessary for a complete installation in accordance with the Contract Documents. All horizontal directional drilling for the reclaimed water line is provided under Pay Item No. 10B – Horizontal Directional Drill for Reclaimed Irrigation Line. The lump sum price shall also include any off-site material required to establish finish grade and the removal and disposal off-site of any unsuitable excavated material or debris.



Measurement for periodic payments of this lump sum bid item will be in accordance with the approved Schedule of Values, to be supplied by Contractor in accordance with the Contract Documents.

- c. Replace Bid Item No. 9 in its entirety with the text below:

BID ITEM NO. 9A - PAVEMENT REPAIR AND ROAD RESTORATION – FULL STRUCTURAL COURSE

Payment for all work included under this Bid Item will be made at the Contract unit price bid per square yard of base, sub-base and asphalt for furnishing, installing and testing the road restoration pavement section within these Specifications and as listed on the Bid Form. Measurement will be based on the actual number of square yards of road restoration installed, tested, complete and approved to repair the trench required for the installation of the sanitary sewer. The measurement will be as specified, but not greater than the width of the trench required for sanitary sewer installation. Payment will include complete restoration of the roadway section in accordance with the applicable details on the Contract Drawings, but not less than 1-1/2 inches of FDOT Type III asphaltic concrete, the necessary base, sub-base or compacted suitable excavation material all in accordance with these Specifications. No payment for restoration of a private driveway within or outside the right-of-way shall be made under this Bid Item. Payment shall include all items and incidentals necessary to complete the road restoration in accordance with the requirements of Manatee County ready for approval and acceptance by Engineer/Owner. Reference Civil Details provided on Sheet C-3 of the Contract Drawings.

BID ITEM NO. 9B - PAVEMENT OVERLAY

Payment for all work included under this Bid Item will be made at the Contract unit price bid per square yard of millage and overlay for furnishing, installing and testing the road restoration pavement section within these Specifications and as listed on the Bid Form. Measurement will be based on the actual number of square yards of overlay installed, tested, complete and approved. The measurement will be from face of curb to face of curb or as specified, but not greater than the width of the existing roadway prior to construction. Payment will include complete restoration of the roadway section in accordance with the applicable details on the Contract Drawings in



accordance with these Specifications. Payment shall include all items and incidentals necessary to complete the millage and overlay in accordance with the requirements of Manatee County ready for approval and acceptance by Engineer/Owner.

- d. Replace Bid Item No. 10 in its entirety with the text below:

BID ITEM NO. 10A – HORIZONTAL DIRECTIONAL DRILL FOR FORCE MAIN

Payment for all work included under this Bid Item will be made at the Contract unit price bid per linear foot horizontally directional drilled sanitary force main for furnishing, installing and testing the horizontal directional drilling section within these Specifications and as listed on the Bid Form. Measurement will be based on the actual number of linear feet of horizontally directional drilled sanitary force main measured along the centerline including fittings that is installed, tested, complete and approved. Measurement and Payment shall be made for the actual length of the listed diameter sanitary force main and installed via directional drilling and will represent full compensation for all labor, materials, excavation, including rock, dewatering, bedding, backfill, removal and replacement of unsuitable backfill, layout and reference points, fence and shrub restoration, leakage testing, thrust restraint, silt barriers where required, local wiring and testing, retainers, glands and couplings, system connections, drainage maintenance, traffic maintenance, testing and equipment required to complete these Bid Items. No additional compensation shall be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill material, or for repair of any trench settlement.

BID ITEM NO. 10B - HORIZONTAL DIRECTIONAL DRILL FOR RECLAIMED IRRIGATION LINE

Payment for all work included under this Bid Item will be made at the Contract unit price bid per linear foot horizontally directional drilled reclaimed irrigation line for furnishing, installing and testing the horizontal directional drilling section within these Specifications and as listed on the Bid Form. Measurement will be based on the actual number of linear feet of horizontally directional drilled reclaimed irrigation line measured along the centerline including fittings that is installed, tested, complete and approved. Measurement and Payment shall be made for the actual length of the listed diameter reclaimed irrigation line and installed via directional drilling and will



represent full compensation for all labor, materials, excavation, including rock, dewatering, bedding, backfill, removal and replacement of unsuitable backfill, layout and reference points, fence and shrub restoration, leakage testing, thrust restraint, silt barriers where required, local wiring and testing, retainers, glands and couplings, system connections, drainage maintenance, traffic maintenance, testing and equipment required to complete these Bid Items. No additional compensation shall be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill material, or for repair of any trench settlement.

DIVISION THREE – CONCRETE

1. Section 03500 – Lift Stations
 - a. Replace the last sentence of Paragraph 2.01.E.1. to read, “All piping downstream of the cross in the valve vault to the plug valve shall be PVC ASTM D2241.”

PART II – PERTAINING TO THE DRAWINGS

CIVIL

1. Drawing C-1 General Lift Station Note No. 5. Replace the last sentence of Note No. 5 to read, “All piping downstream of the cross in the valve vault to the plug valve shall be PVC ASTM D2241.”
2. Drawing C-1. Delete the callout “12” WM” in Section 1/C-2 for the existing water main. Replace to read “8” WM”.
3. Drawing C-1 Bid Table. Replace the Bid Table with the Table below.



ITEM NO.	Description	UNITS	QTY
1	Precast Concrete Manhole	EA	11
2	PVC Sanitary Sewer Main (SDR 26 ASTM D 3034)	LF	3,313
3	Sewer Service Laterals	EA	33
4	PVC Force Mains (SDR 21 ASTM D 2241)	LF	45
5	Tapping Sleeves/Valves	EA	1
6	Valves and Appurtenances	LS	1
7	Submersible Lift Station	EA	1
8	Sodding	SY	600
9A	Pavement Repair and Restoration – Full Structural Course	SY	1,500
9B	Pavement Overlay	SY	5,800
10A	Horizontal Directional Drill – Sanitary Force Main	LF	56
10B	Horizontal Directional Drill – Reclaimed Irrigation Line	LF	40
11	Mobilization (Not to Exceed 10% of the Total Bid)	LS	1
12	Miscellaneous Work and Cleanup	LS	1
13	DISCRETIONARY	LS	1

4. Drawing C-2. Delete the callout “PVC DR14 C900” in Section 1/C-2. Replace to read “PVC ASTM D2241”.
5. Drawing C-2. Delete the callout “Ebba Mega-Flange Adapter in Section 1/C-2. Replace to read “Thrust Restraint Device”.

PART III – CLARIFICATIONS TO BIDDERS QUESTIONS

Question: What types of vegetation are required for the landscaping?

Response: Refer to Section 03500, Lift Stations, Paragraph 2.08.A.

Question: Is the Contractor responsible for replacing any private fencing that needs to be taken down for construction?

Response: Yes. 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 3.04.A.

Question: Is the Contractor responsible for removing and replacing trees that need to be removed during construction?



Response: Yes, save or replace trees removed during construction. Refer to General Note 1.D. and 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 3.04.A.

Question: Is there a water main present in the area that is not shown in the Drawings?

Response: Refer to General Note 1.M. on Sheet G-2 of the Contract Drawings. The Contract Drawings reflect the data gathered from available records. The Contractor must verify elevations and locations of existing facilities prior to construction.

Question: There is a line item on the Bid Form for Force Mains and for Horizontal Directional Drilling. Is the force main installed via Horizontal Directional Drilling being double counted?

Response: Refer to Section 01150, Measurement and Payment, Bid Item No. 4 (PVC Force Mains) and Bid Item No. 10A and 10B (Horizontal Directional Drill). Bid Item No. 4 is only for force mains made of PVC. Bid Item No. 10 includes the labor and materials required to perform directional drilling (Item 10A is for the sanitary force main and 10B is for the reclaimed irrigation line). As stated on Sheet C-1 on the Contract Drawings, the horizontal directionally drilled pipe material is HDPE. Section 02621, Polyethylene (HDPE) Pipe and Tubing 3-inch Diameter and Smaller, that HDPE pipe that is 2-inches in diameter shall be HDPE 3408.

Question: There is nothing on the plans showing how we are to bring "Non-Potable Water" to the site for purposes of irrigation. The plans do show an existing 36-inch reclaimed water main at the west side of Caruso Road but, it appears at that location the pipeline was installed by directional drill and could very well be HDPE and could be very deep. The drawings do not show the elevation of the existing utilities in profile view. Please confirm depth of this pipe and how we are to bring irrigation service to the site. Consideration should be given to whether or not the 36-inch reclaimed water main pipe is actively under pressure and operating at full capacity.

Response: Refer to attached sketch. A new irrigation line shall tap into existing 36-inch reclaimed water main at approximately station 3+40, using the stationing given on the Contract Drawings, where depth of the main decreases to approximately 10 feet. New irrigation piping must be run beneath Caruso Road by HDD. The size of new irrigation piping will be dependent on landscape and irrigation plans submitted. Payment for HDD for the reclaimed irrigation line shall be made under Pay Item 10B. Payment for other irrigation related items shall be made under Pay Item No. 7.

Question: Section 0130, Special Project Procedures, Paragraph 1.07, Power Supply, states that the Contractor is responsible for paying costs to bring permanent power to the site. I presume this is



to the Lift Station site, is that correct? If so, please provide the contact name and contact information of the person at Florida Power and Light (FPL) that we should be communicating with in order to get pricing for the costs associated with bringing permanent power to the lift station site.

Response: Permanent power is required only at the lift station site. The contact for FPL is Kelli Gross at 941-723-4440.

Question: Bid Item 6, Valves and Appurtenances – the only valve on the plans is a plug valve outside of the wet well. Do I need to quote the plug valve for this Pay Item? Or is that going to be part of the lift station?

Response: As stated in Pay Item No. 7, Lift Station, costs for valves under this pay item include only those valves within the lift station site limits. Valves outside of the wet well shall be included in Bid Item No. 6.

Question: Bid Item 7, Lift Station, 2-inch discharge pipe is required. They do not make 2-inch DR 14 or 2-inch Ebba Mega flanges. Please clarify.

Response: These callouts have been deleted and replaced – See Item No. II.3 and II.4.

Question: With regard to Bid Item No. 9, Pavement Repair and Road Restoration (including overlay), in that the entire roadway surface is going to be totally lost due to the construction of the new sanitary sewer, how about coming up with new bid items for base and structural course. The way the current bid item reads we are to include an overlay in the price which defeats the purpose since the entire surface will be in need of a new structural course of asphalt, why include an overlay? Please review and clarify.

Response: Pay Item No. 9 has been modified – See Item No. I.2.

Question: With regard to the lift station, I question the use of grinder pumps in this application with 33 (thirty-three) units to be utilizing and perhaps the potential for even more incoming flows and to install only a 4 (four) foot diameter wet well seems to defeat the purpose of being able to minimize pumping time due to a lack of storage capacity. Please clarify if this is really what the County needs at this time.

Response: This station was designed in accordance with Manatee County Utility Standard Details and Design Recommendations for existing and future flows, peaking factors, and pump and wet well sizing.



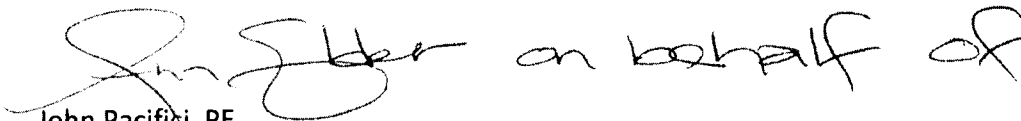
Question: Due to the limited access (one way in, one way out) does the County plan to issue an MOT plan for this project? Obviously, it is not possible to construct the pipe line and keep the road open as well. Is it the Counties intention to build temporary access for the residents outside of the existing road? There is no direction on the plans nor in the specs other than telling us we have to keep traffic flowing during construction. With the liability factor involved i.e.: emergency vehicles not being able to have access at times, I request the County or Engineer propose an MOT plan so all Contractors are bidding equally.

Response: Applicable FDOT Maintenance of Traffic Index information is provided on the Plan and Profile sheets (PP-01 through PP-04). Refer also to General Notes 1.F and 1.J and Traffic Regulation Notes 2.A through 2.F on Sheet G-2 of the Contract Drawings, and Section 01570, Traffic Regulation.

Question: On plan sheets PP-1 through PP-4 in the profile views, the descriptions given for each sanitary sewer manhole shows each manhole having a "SUMP", sumps in sanitary sewer manholes are not common and this nomenclature should be removed from each description. If sump requirement is a new concept for Manatee County Utilities please provide appropriate detail.

Response: Sump refers only to the space below the lowest invert and the bottom of the manhole. This is the area that will be grouted and benched and not a new requirement.

Thank you,



on behalf of

John Pacifici, PE
Project Manager
Malcolm Pirnie, Inc.



May 5, 2010

Re: Dude Ranch Acres Sanitary Sewer Improvements

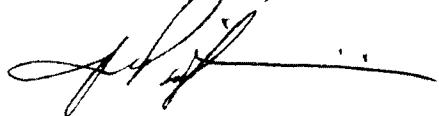
To All Bidders:

The "construction cost estimate" for the sewer improvements at Dude Ranch Acres is \$723,000 (seven hundred twenty three thousand dollars and zero cents).

The construction cost estimate is based on the original specifications and drawings issued on March 15, 2010 and the clarifications provided in Addendum No. 1. Changes to the specifications and drawings subsequent to Addendum No. 1 may not be accounted for in this construction cost estimate.

Very truly yours,

MALCOLM PIRNIE, INC.



John Pacifici, P.E.
Project Manager
Engineer of Record for
Dude Ranch Acres
Sanitary Sewer Improvements

BID FORM
(Submit in Triplicate)

Section 00300 (Addendum No. 1 / May 13, 2010)

BID "A"

IFB #10-1744-OV / Dude Ranch Sanitary Improvements (Project No. 6073980 6.2)

(Bid "A" Based on a Completion Time of 180 calendar days)

ITEM NO.	DESCRIPTION	U/M	QTY.	UNIT PRICE	EXTENDED PRICE
1	Precast Concrete Manhole	EA	11	\$	\$
*2	PVC Sanitary Sewer Main (SDR 26 ASTM D3034) (Addendum #1)	LF	3,313	\$	\$
3	Sewer Service Laterals	EA	33	\$	\$
*4	PVC Force Mains (SDR 21 ASTM D2241) (Addendum #1)	LF	45	\$	\$
5	Tapping Sleeves / Valves	EA	1	\$	\$
*6	Valves and Appurtenances / (Addendum #1)	LS	1	\$	\$
*7	Submersible Lift Station (Addendum #1)	EA	1	\$	\$
8	Sodding	SY	600	\$	\$
*9A	Pavement Repair and Restoration / Full Structural Course (Addendum #1)	SY	1,500	\$	\$
*9B	Pavement Overlay (Addendum #1)	SY	5,800	\$	\$
*10A	Horizontal Directional Drill FOR FORCE MAIN (Addendum #1)	LF	56	\$	\$
*10B	Horizontal Directional Drill For RECLAIMED IRRIGATION LINE (Addendum #1)	LF	40	\$	\$
11	Mobilization (Not to exceed 10% of the Total Bid)	LS	1	\$	\$
12	Miscellaneous Work and Cleanup	LS	1	\$	\$
13	DISCRETIONARY	LS	1		\$100,000.00
TOTAL: Bid "A" Due Ranch Sanitary Sewer Improvements (Based on 180 calendar completion time)					\$

Bidder: _____

Authorized
Signature: _____

Bid "A"
(Addendum #1)

00300-2

BID FORM
(Submit in Triplicate)

Section 00300 (Addendum No. 1 / May 13, 2010)

BID "B"

IFB #10-1744-OV / Dude Ranch Sanitary Improvements (Project No. 6073980 6.2)

(Bid "B" Based on a Completion Time of 240 calendar days)

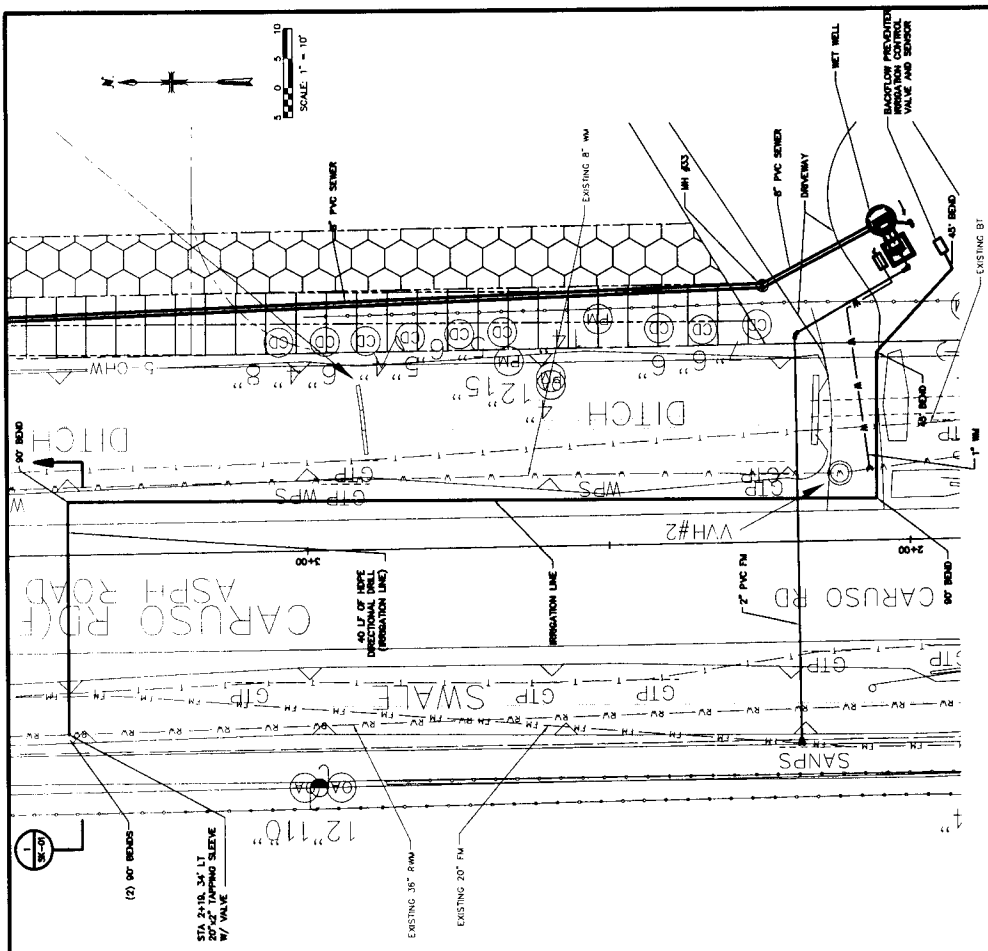
ITEM NO.	DESCRIPTION	U/M	QTY.	UNIT PRICE	EXTENDED PRICE
1	Precast Concrete Manhole	EA	11	\$	\$
*2	PVC Sanitary Sewer Main (SDR 26 ASTM D3034) (Addendum #1)	LF	3,313	\$	\$
3	Sewer Service Laterals	EA	33	\$	\$
*4	PVC Force Mains (SDR 21 ASTM D2241) (Addendum #1)	LF	45	\$	\$
5	Tapping Sleeves / Valves	EA	1	\$	\$
*6	Valves and Appurtenances / (Addendum #1)	LS	1	\$	\$
*7	Submersible Lift Station (Addendum #1)	EA	1	\$	\$
8	Sodding	SY	600	\$	\$
*9A	Pavement Repair and Restoration / Full Structural Course (Addendum #1)	SY	1,500	\$	\$
*9B	Pavement Overlay (Addendum #1)	SY	5,800	\$	\$
*10A	Horizontal Directional Drill FOR FORCE MAIN (Addendum #1)	LF	56	\$	\$
*10B	Horizontal Directional Drill for RECLAIMED IRRIGATION LINE (Addendum #1)	LF	40	\$	\$
11	Mobilization (Not to exceed 10% of the Total Bid)	LS	1	\$	\$
12	Miscellaneous Work and Cleanup	LS	1	\$	\$
13	DISCRETIONARY	LS	1		\$100,000.00
TOTAL: Bid "B" Due Ranch Sanitary Sewer Improvements (Based on 240 calendar completion time)					\$

Bidder: _____

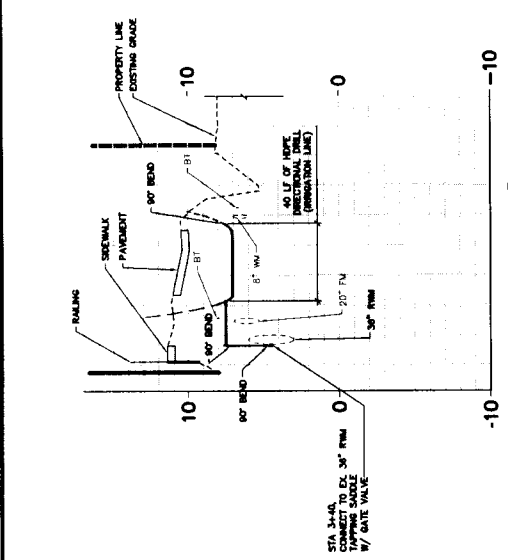
Authorized
Signature: _____

Bid "B"
(Addendum #1)

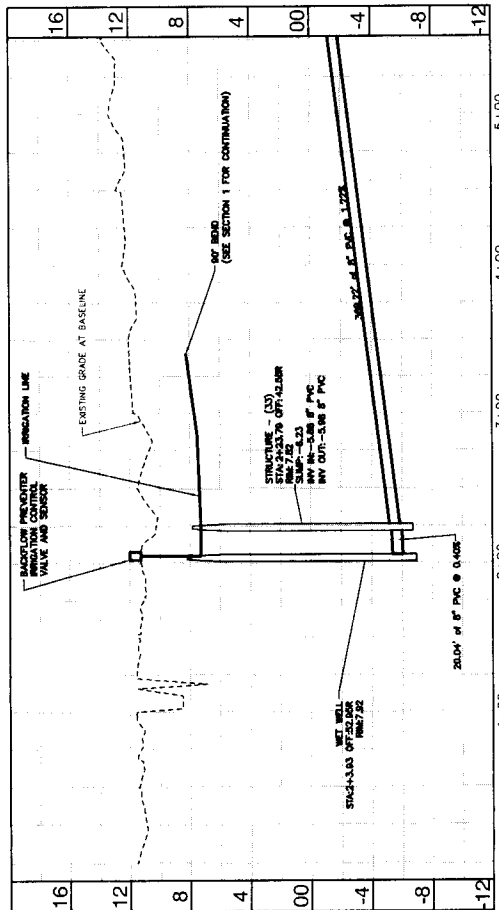
00300-3



PUMP STATION IRRIGATION LINE SITE PLAN
SCALE: 1" = 10'-0"



SECTION 1
SCALE: 1" = 20'-0" (HORIZ), 1" = 4' (VERT)



PUMP STATION IRRIGATION LINE PROFILE (CARUSO ROAD)
SCALE: 1" = 40'-0" (HORIZ), 1" = 4' (VERT)

IRRIGATION LINE SKETCH

MANATEE COUNTY UTILITIES DUDE RANCH SANITARY SEWER IMPROVEMENTS

CONTRACT # 2007
MAY 2007
NOVEMBER 09
SHEET SK-01
JOB NO. 2007-1001

NO.	DATE	REVISION

MANATEE COUNTY UTILITIES
DESIGNED BY
AUTHORIZATION NO. 87
1300 E. 6TH AVE. SUITE 1-100
TAMPA, FLORIDA 33605
JOHN PASCIO
P.E. #25251