

MANATEE COUNTY FLORIDA

August 17, 2009

TO: All Interested Bidders

SUBJECT: **Invitation for Bid # 09-2716-OV**
Whitfield Estates – Phase 5 Water Line Improvements
Bradenton, FL
(Project No. 404-6021978)

ADDENDUM # 1

Bidders are hereby notified that this Addendum shall be acknowledged on pages 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Please note that this Addendum includes revisions to the Bid Form pages.

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 August 13, 2009 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.

The followings answers to the questions have been provided by Mr. Jim Stockwell, Sr. Project Engineer, Manatee County Government Public Works Department, Engineering Services, and Mr. Steve Serbaty, Project Manager, Manatee County Government, Project Management Division.

Bidders: See attached revised Bid Forms (Pages 00300-2 through 00300-7), Bid "A" and Bid "B"). These revised Bid Forms shall be used in submitting your Bid.

A public records request was made for the **Engineer's Estimate** for this project. It is important to note that Manatee County Government is currently receiving competitive bids which are up to 50% lower than Engineers' Estimates.

Finance Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-708-7527 * FAX: 941-708-7544
www.mymanatee.org

Page 2
August 12, 2009
IFB# 09-2716-OV
ADDENDUM # 1

1. Attachment: Engineer's Construction Costs Estimate for the Whitfield Estates – Phase 5 Water Line Improvements dated August 14, 2009, one, (1) total page.
2. Attachment: Manatee County Memorandum dated August 14, 2009 from Jim Stockwell, Sr. Project Engineer detailing the responses to questions regarding Whitfield Estates – Phase 5 Water Line Improvements submitted by the Contractors. Four (4) four total pages.
3. Attachment: Revised Bid forms (6 total pages, 00300-2 through 00300-7) for Bid "A" based on 330 Calendar Days Completion Time and Bid "B" based on 240 Calendar Days Completion time.

Bidders: The Bid Forms attached to this Addendum #1, Pages 00300-2 through 00300-7, supersede all other Bid Forms issued for this solicitation and must be used in submission of your bid in response to this Invitation for Bid.

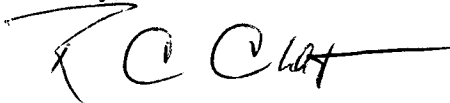
If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

Bid Opening Date: August 26, 2009 at 2:00 PM.

END OF ADDENDUM # 1

The deadline for submitting sealed Bids at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 is until 2:00 P.M. on August 26, 2009.

Sincerely,



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

Ov (11 Total Pages Attached)

Finance Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-708-7527 * FAX: 941-708-7544
www.mymanatee.org



MANATEE COUNTY FLORIDA

Date: August 14, 2009

To: All Bidders

Subject: Whitfield Phase 5 Water Line Improvements Project # 404-6021978

The "construction cost estimate" for Whitfield Phase 5 Water Line Improvements is \$780,081.00 seven hundred eighty thousand eighty one dollars.

This construction cost estimate was determined on August 14, 2009. The construction cost estimate is based on the original specifications and drawings issued. Changes to the specifications subsequent to the original documents by addenda to this bid may not be accounted in this construction cost estimate.

Sincerely,

James D. Stockwell, PE, Sr. Project Engineer
Engineer of Record

M:\Engineering\Projects\~WATER LINE Projects\Whitfield Ph-5\docs\Ltr to Bidders Whitfield.doc

4422-B 66th Street West * PHONE: (941) 792-8811 * FAX: (941) 795-3467

Manatee County Public Works Department/Infrastructure Engineering Division * www.mymanatee.org

MEMORANDUM



PUBLIC WORKS DEPT.

Engineering Division
4422B 66th Street West
Bradenton FL 34210.

MANATEE COUNTY
FLORIDA

Phone: 941.792.8811

Fax: 941.795.3467

www.myanatee.org

To: Steve Serbaty, Project Manager
From: Jim Stockwell, Senior Project Engineer
Date: August 14, 2009
Subject: Whitfield Phase 5 Waterline Project 6021978 - Response to Bidders Questions

Steve:

I received the following questions regarding this project, the answers are shown below:

1. Will the county issue an engineer's estimate?

Answer: Yes, it will be included in an addendum.

2. Will all 2" HDPE be DR9 and 6" HDPE be DR 11?

Answer: Yes.

3. Will electro-fusion couplings be acceptable where it is difficult to fit a fusion machine to fuse an MJ adapter?

Answer: the contractor may submit proposed electro-fusion couplings for **approval**. The county has used them on previous projects, however MJ adapters are usually preferred.

4. Will the county supply water or will the contractor need to buy it? What is the price?

Answer: The contractor will need to buy water, including for testing the waterline. In the past on small projects, the county has not charged for water, but this is not a small project. The price is \$1.69 per 1000 gallons.

5. Will the county be using the new 2009 standards for jumpers and temporary Backflow preventer?

Answer: Yes, see Utility Standard Detail UW-22.

6. For long services, could it be necessary to encroach on private property with the bore machine?

Answer: The contractor should use a small bore machine to avoid encroaching on private property. It is the contractor's responsibility to acquire permission from property owners if he chooses to use large machines that encroach.

4422 B 66th Street West * PHONE: (941) 792-8811 * FAX: (941) 795-3467

Manatee County Public Works Department/Infrastructure Engineering Division * www.myanatee.org

7. Will copperhead steel core #10 tracer wire be acceptable?

Answer: Yes.

8. Is a staging area available?

Answer: The County has not allocated a staging area, however there are vacant areas in the vicinity and the contractor may contact the Airport Authority (area north of Broughton, sheet 3) or others to seek permission to use them.

9. Bid Form quantities appear to be different than takeoff quantities for Bid Items 5, 7, 8, 9, 14, 19, and 20.

Answer: Bid quantities are hereby revised as shown on the revised Bid Form attached hereto for Bid Items 5, 7, 8, 9, and 20. Some water services may need existing backflow preventers replaced, so a quantity of 3 is estimated for Bid item 19. BFP's shall be in accordance with current County standard drawing UW-12 (3/4" or 1" size). Bid Item 14 quantity of 18 connections is correct, this item includes all work required for each connection to an existing waterline except tapping sleeves and valves, which are separate items. Bid Item 18 includes all excavation, labor, and materials needed to make the connection unless specifically included in another pay item.

10. The plans call out fire hydrants at 80+10 (sheet 13) and 94+12 (sheet 16), but they are at different locations in the profile, please clarify.

Answer: The fire hydrant on sheet 13 should be shown at 80+10 in plan and profile. The fire hydrant on sheet 16 should be located at 94+00 in plan and profile.

11. Bid Item #12 Fire Hydrant, Tee on plan calls for one MJ adapter but profile calls for two. Should it be two in all instances or are these needed at all?

Answer: Fire hydrants on HDPE waterlines typically will need two MJ adapters, one on each side of the Tee.

12. Bid Item #13 - Pipe Joint Restraints quantity is 103 EA. What size and where are these being utilized?

Answer: MJ adapters with restraints are required at all locations where HDPE pipe transitions to Ductile Iron fittings or pipe. Pipe joint restraints are 6" diameter and are required at all fittings (which are ductile iron unless noted otherwise on the plans).

13. Bid Item #13 is for pipe joint restraints. Almost all of the pipe is restrained joint HDPE. Is this bid item for Megalugs and MJ adapters? What product is required for this bid item?

Answer: A large portion of the pipe is butt fused HDPE pipe, with ductile iron fittings. All ductile iron fittings will need restraints, and MJ adapters with restraints will be required where HDPE pipe meets the fittings. The 2009 Manatee County Public Works Utility Standards in section 3.02 H lists several approved restraint types. Several models of Megalug have been accepted in the past and are selected based on pipe and fitting types and application.

14. What materials are required for attaching 1" and 2" services off the 2" HDPE pipe? On sheet 20/21 if blue poly is approved for the new installed 2" waterline, will the HDPE adapter not be utilized as shown?

Answer: MJ adapters will not be used on 2" HDPE water lines, this is an error on the plans. Brass tees (female) with Male Adapters and compression joints, including stainless steel inserts (stiffeners) may be used for service connections to 2" HDPE. Electrofusion saddles may also be submitted for evaluation and some models may be acceptable. Each 2" service will also require a brass nipple and 2" FIP resilient wedge gate valve as indicated in Note 6 in Manatee County Utility Standards Detail UW 19.

15. On sheet 16 there is an existing 4" waterline to be grouted and abandoned. The plans show that it stops around Station 90+20, is this correct? If the line does continue on, what is the total length of this line and are we just to cut and plug the other end as well?

Answer: This waterline stops as shown at Station 90+20.

16. On sheet 16 around Station 91+00 there are two services that tie into the main line in the middle of the roadway. Is the restoration work that will be done here covered in the line items for base and asphalt restoration?

Answer: Yes.

17. On sheet 3 around Station 10+60 we have a 6" waterline to be grouted. May we have a drawing or some way of calculating the total length of this 6" line?

Answer: The plans indicate the line is to be grouted up to Whitfield Avenue, a total length of approximately 690 feet.

18. We need a plan sheet or detail for temporary jumper locations and bacterial test sample points.

Answer: Temporary jumper locations and sample locations are at end of line connections between existing and proposed waterlines, and at blow-offs, as indicated in Utility Standard UW 22 "Temporary Jumper Connection Notes".

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Addendum No.1
IFB 09-2716-OV Whitfield Estates
Phase 5 – Water Line Improvements

19. The Invitation for Bid for this project states that it will involve 7,020 LF of 6" HDPE waterline by directional Drilling and 620 LF of 2" HDPE waterline by directional drilling. Will this HDPE waterline be encased in steel pipe? Thank you so much for your assistance.

Answer: The HDPE pipe does not need to be encased in steel pipe.

20. Where and how may we purchase the Manatee County updated Utility Standards:

Answer: The updated Manatee County Utility Standards may be purchased by contacting Ms. Stacey Stinton. Please call 941-708-7450, Extension 7463. The cost of the Manatee County Utility Standards is \$45.00 for a CD and \$60.00 for the Book of Standards.

Please let me know if you need further clarification or information regarding these or other questions.

Sincerely,



James Stockwell, PE
Senior Project Engineer

Cc: Olga Valcich, Construction Buyer

4422 B 66th Street West * PHONE: (941) 792-8811 * FAX: (941) 795-3467
Manatee County Public Works Department/Infrastructure Engineering Division * www.mymanatee.org

BID FORM

(Submit in Triplicate)

SECTION 00300 - Addendum No. 1

(BID "A")**BID "A" Whitfield Estates - Phase 5 Water Line Improvements - Based on
330 Calendar Day Completion (Project No. 404-6021978)**

ITEM NO.	DESCRIPTION	U/M	EST QTY	UNIT PRICE	EXTENDED PRICE
1	6" HDPE Water Line, Directional Bore	LF	7,026	\$	\$
2	2" HDPE Water Line, Directional Bore	LF	620	\$	\$
3	6" DIP, (Direct Bury)	LF	25	\$	\$
4	6" PVC C900 (Direct Bury)	LF	10	\$	\$
5	Ductile Iron Fittings (Addendum #1)	LB	3,200	\$	\$
6	4" Gate Valve	EA	1	\$	\$
7	6" Gate Valve (Addendum #1)	EA	12	\$	\$
8	8" x 6" Tapping Sleeve and Valve (Addendum #1)	EA	3	\$	\$
9	10" x 6" Tapping Sleeve and Valve (Addendum #1)	EA	1	\$	\$
10	12" x 6" Tapping Sleeve and Valve	EA	1	\$	\$
11	Fire Hydrant Assembly	EA	5	\$	\$
12	Pipe Adapter	EA	40	\$	\$
13	Pipe Joint Restraints	EA	103	\$	\$
14	Connect to Existing Water Line	EA	18	\$	\$
15	Water Service Long Single	EA	29	\$	\$

Bidder: _____

Addendum #1

00300-2

BID FORM

(Submit in Triplicate)

SECTION 00300 - Addendum No. 1

(BID "A")**BID "A" Whitfield Estates - Phase 5 Water Line Improvements - Based on
330 Calendar Day Completion (Project No. 404-6021978)**

ITEM NO.	DESCRIPTION	U/M	EST QTY	UNIT PRICE	EXTENDED PRICE
16	Water Service Short Single	EA	31	\$	\$
17	Water Service Short Double	EA	9	\$	\$
18	Water Service Long Double	EA	5	\$	\$
19	Backflow Preventers	EA	3	\$	\$
20	Grout Fill Abandoned Pipe (Addendum #1)	CF	200	\$	\$
21	Sidewalk Restoration	SY	95	\$	\$
22	Pavement Restoration (Base & Resurface)	SY	106	\$	\$
23	Pavement Restoration (Mill & Resurface)	SY	465	\$	\$
24	Concrete Driveway Repair	SY	37	\$	\$
25	Curb & Gutter Replacement	LF	70	\$	\$
26	Sodding	SY	1,245	\$	\$
27	Traffic Control	LS	1	\$	\$
28	Air Relief Valve	EA	2	\$	\$
29	2" Blowoff	EA	1	\$	\$

Bidder: _____

Addendum #1

00300-3

BID FORM

(Submit in Triplicate)

SECTION 00300 - Addendum No. 1

(BID "A")

BID "A" Whitfield Estates - Phase 5 Water Line Improvements - Based on 330 Calendar Day Completion (Project No. 404-6021978)

ITEM NO.	DESCRIPTION	U/M	EST QTY	UNIT PRICE	EXTENDED PRICE
30	2" Gate Valve	EA	1	\$	\$
31	Erosion Control	LS	1	\$	\$
32	Mobilization (Maximum 10% of Total Bid)	LS	1	\$	\$
33	Miscellaneous Work & Cleanup	LS	1	\$	\$
34	Discretionary Work				\$62,100.00
	TOTAL PRICE - Bid "A" Based on Completion Time of 330 Calendar Days				\$

Bidder: _____

Addendum #1

00300-4

BID FORM

(Submit in Triplicate)

SECTION 00300 - Addendum No. 1

(BID "B")**BID "B" Whitfield Estates - Phase 5 Water Line Improvements - Based on
240 Calendar Day Completion (Project No. 404-6021978)**

ITEM NO.	DESCRIPTION	U/M	EST QTY	UNIT PRICE	EXTENDED PRICE
1	6" HDPE Water Line, Directional Bore	LF	7,026	\$	\$
2	2" HDPE Water Line, Directional Bore	LF	620	\$	\$
3	6" DIP, (Direct Bury)	LF	25	\$	\$
4	6" PVC C900 (Direct Bury)	LF	10	\$	\$
5	Ductile Iron Fittings (Addendum #1)	LB	3,200	\$	\$
6	4" Gate Valve	EA	1	\$	\$
7	6" Gate Valve (Addendum #1)	EA	12	\$	\$
8	8" x 6" Tapping Sleeve and Valve (Addendum #1)	EA	3	\$	\$
9	10" x 6" Tapping Sleeve and Valve (Addendum #1)	EA	1	\$	\$
10	12" x 6" Tapping Sleeve and Valve	EA	1	\$	\$
11	Fire Hydrant Assembly	EA	5	\$	\$
12	Pipe Adapter	EA	40	\$	\$
13	Pipe Joint Restraints	EA	103	\$	\$
14	Connect to Existing Water Line	EA	18	\$	\$
15	Water Service Long Single	EA	29	\$	\$

Bidder: _____

Addendum #1

00300-5

BID FORM

(Submit in Triplicate)

SECTION 00300 - Addendum No. 1

(BID "B")**BID "B" Whitfield Estates - Phase 5 Water Line Improvements - Based on
240 Calendar Day Completion (Project No. 404-6021978)**

ITEM NO.	DESCRIPTION	U/M	EST QTY	UNIT PRICE	EXTENDED PRICE
16	Water Service Short Single	EA	31	\$	\$
17	Water Service Short Double	EA	9	\$	\$
18	Water Service Long Double	EA	5	\$	\$
19	Backflow Preventers	EA	3	\$	\$
20	Grout Fill Abandoned Pipe (Addendum #1)	CF	200	\$	\$
21	Sidewalk Restoration	SY	95	\$	\$
22	Pavement Restoration (Base & Resurface)	SY	106	\$	\$
23	Pavement Restoration (Mill & Resurface)	SY	465	\$	\$
24	Concrete Driveway Repair	SY	37	\$	\$
25	Curb & Gutter Replacement	LF	70	\$	\$
26	Sodding	SY	1,245	\$	\$
27	Traffic Control	LS	1	\$	\$
28	Air Relief Valve	EA	2	\$	\$
29	2" Blowoff	EA	1	\$	\$

Bidder: _____

Addendum #1

00300-6

BID FORM

(Submit in Triplicate)

SECTION 00300 - Addendum No. 1

(BID "B")**BID "B" Whitfield Estates - Phase 5 Water Line Improvements - Based on
240 Calendar Day Completion (Project No. 404-6021978)**

ITEM NO.	DESCRIPTION	U/M	EST QTY	UNIT PRICE	EXTENDED PRICE
30	2" Gate Valve	EA	1	\$	\$
31	Erosion Control	LS	1	\$	\$
32	Mobilization (Maximum 10% of Total Bid)	LS	1	\$	\$
33	Miscellaneous Work & Cleanup	LS	1	\$	\$
34	Discretionary Work				\$62,100.00
	TOTAL PRICE - Bid "A" Based on Completion Time of 240 Calendar Days				\$

Bidder: _____

Addendum #1

00300-7