



MANATEE COUNTY FLORIDA

March 24, 2010

TO: All Interested Bidders

SUBJECT: **Invitation for Bid # 10-1010-DS**
Holiday Heights: Water Main Replacement Phase 3
(Project No. 6074970)

ADDENDUM # 2

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.

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 for clarification of questions was **March 18, 2010 at 2:00 PM.** This deadline had 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 following answers to the questions have been provided by Mr. David Wilcox, P.E. of URS, Tampa Florida.

- 1. Responses to submitted questions from the Engineer of Record, URS, Tampa Florida, dated March 23, 2010 (5 pages)**

Finance Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-708-7528 * FAX: 941-708-7544
www.mymanatee.org

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March 24, 2010
Invitation for Bid # 10-1010-DS
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ADDENDUM # 2

2. Attached find the revised page # 00100-1 which supersedes the previously submitted bid page. Please replace accordingly. (1 page)
3. The Bid Opening has been extended. Please note the new date. Time (3:00 PM) and location (Manatee County Purchasing Div. 1112 Manatee Ave West, Suite 803, Bradenton FL) remain the same.

From: March 29, 2010 at 3:00 PM

To: April 7, 2010 at 3:00 PM

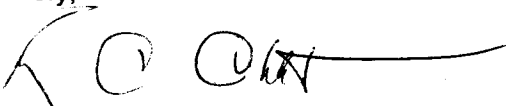
Bidders: The Bid Forms attached to the Addendum # 2, (Bid "A" page 00300-2 and Bid "B" Page 00300-3) (total 2 pages) supersede all other Bid Forms issued for this solicitation and must be used in submission of your bid in response to this Invitation for Bid.

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.

END OF ADDENDUM # 2

The deadline for submitting sealed Bids at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 has been extended to 3:00 P.M. on April 7, 2010.

Sincerely,



R. C. "Rob" Cuthbert, CPM, CPPO
Purchasing Official

/ds

Attachments

Finance Management Department
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**WATER LINE REPLACEMENT
MANATEE COUNTY HOLIDAY HEIGHTS PHASE 3
ADDENDUM #1
MARCH 23, 2010**

Clarifications based on questions submitted by Dennis Burjoski, Peistrup Paper Products:

- 1. I was wanting to know if your use Ductile iron pipe if so do you require Polyethylene encasement?**

Response: If the contractor elects to utilize direction drill, there will be no ductile iron pipe on the project. If the contractor elects to open cut, the pipe will be PVC except under road crossings where it will be ductile iron. Road crossings would amount to a very small percentage (<5%) of the project. Poly-ethylene encasement is not required on ductile iron installed.

Clarifications based on questions submitted by Joseph Loiacono, Aqua-Pipe:

- 2. Following review of the bid invitation for the above mentioned project, we would like to know how we can get our cured-in-place trenchless technology, Aqua-Pipe, accepted in the specifications. We believe that our technology can be used for bid items 3c and possibly items 3a and 3b. We would like the opportunity to meet with you or your representative to discuss the benefits of our structural cured-in-place liner for pressure pipes.**

Response: It is URS opinion that the product would be an acceptable substitute for the polyester reinforced polyethylene liner product defined in Section 02001 of the specifications. This would only, however, apply to Bid item 3C. The product would not be an acceptable substitution for HDPE or PVC pipe required for Bid Items 3a and 3b.

Clarifications based on questions submitted by Frank Burk HD Supply Waterworks:

- 3. Pay items 3a & 3b. When crossing roads at intersections does pipe need to be ductile iron pipe, or will PVC pipe be okay to use.**

Response: The contractor has the option to open cut or directional drill install pipe. Open cut installation pipe material shall be PVC (AWWA C-900) except for road crossings which shall be ductile iron pipe (DIP). Directional Drill installation pipe material shall be HDPE (DR11).



4. **Pay item 4c cannot find any 4-inch valves on plans.**

Response: There are no 4-inch gate valves in this project. A revised Bid Tab is included in this Addendum.

5. **Pay items 6a through 6j. Cannot get plans to reconcile with quantity sheets. Services are not marked for size i.e. 1 ½". Are they off 6" or 10" lines. Pay items 6i through 6j are listed as long side dual services. Some of these are double, triple, and quadruple. What size main are these on. As a supplier we do not travel job site to identify these.**

Response: Services quantities were reviewed and Bid Tab was revised. Services will be limited to single or dual services per property. Actual service sizes and locations will be determined in the field by the Engineer and County. The size of the proposed main is clearly shown in the plans.

6. **Pay item 7. What are these? If I total all 1" services short & long it totals at least 388 services. Pay item calls for 263.**

Response: Not all properties require on-site service line installation. Residences receiving service from water main located in easements in the back of the property will require that services lines be re-routed. Consequently, there will be a difference between the number of service lines installed in the right-of-way and the number of on-site service lines installed.

7. **Pay item 5 located 9 hydrants on plans.**

Response: There are 9 fire hydrants in this project. A revised Bid Tab is included in this Addendum.

8. **Pay item 3c. Are the (2) tie ins to be placed in the slip line section for payment?**

Response: Connections should be included in the unit price item for slip lining.

9. **Does the PVC pipe need to have EPDM gaskets? Quantities shown on bid form may be enough for most manufacturers to consider making this amount of pipe.**

Response: PVC pressure pipe, 4-12 inches in diameter shall be Class 235, DR18, meeting the requirements of AWWA C900 and shall have cast-iron-pipe-equivalent outside diameters. Ring seal gaskets used at push-on joints shall conform to ASTM F 477 and shall be EPDM rubber.



10. Pay items 6b and 6d and 6f. What size backflow is required?

Response: Backflow preventers are to be installed when a property has a swimming pool or irrigation well. The Contractor and County Inspector should determine which properties (if any) meet these criteria. The backflow preventer required size is 3/4-inch.

Clarifications based on questions submitted by Arnold Recchia, ADJ Excavating of Florida:

11. Is Aqua-Pipe an acceptable alternative to "Thermopipe" which is specified? "Thermopipe" is a "sole source" Insituform Product. We can provide Aqua-Pipe in a more "competitive" outcome with a suitable Distribution Watermain rehab product.

Response: Refer to Question # 2.

Revisions to Specifications:

- 1) A revised Bid Tab is included in this Addendum. Please note revisions to quantities and the revised numbering of the bid items.
- 2) Modification to Bid Item : On-Site Water Service Connections

Payment for all work included in these Bid Items shall be made at the applicable Contract Unit price bid per each reconnection type for furnishing and installing the listed individual services lines, and connection of the new service lines to existing service lines as shown on the Contract Drawings and listed on the Bid Form. Where backflow preventers are installed, installation of a bladder tank on the residential hot water heater is required. Equipment and installation shall be in accordance with the Florida Plumbing Code. Contractor is responsible to obtain a building permit for each on-site service installed. Each permit has a fee of \$75.00.

Clarification to Plan Set:

Service lines shall either feed a single meter or a dual meter. Refer to detail UW-19 of the plan set.

Clarification to Revised Bid Tab (Attached):

Bid Item: On-Site Water Service Connections

URS

Bid item "a" includes the installation of a bladder tank on the existing residential hot water tank. This bid item will be used when a backflow preventer is installed on the service line.

Bid item "b" does not include a bladder tank and will be used when a service line does not require a backflow preventer.

SECTION 00100
BID SUMMARY
Addendum # 1
(Change to: (D.01) The Work)

D.01 THE WORK

The work included in this contract consists of the construction of approximately 2,100 lf (lineal feet) of 10-inch, 11,462 lf (lineal feet) of 6-inch potable water lines and 405 lf (lineal feet) of 6-inch slip line pipe, **312 Water Service /Meter Reconnections, 235 On-site Water Service Connections, 9 fire hydrants** and appurtenances for Holiday Heights Phase 3.

The Contractor shall furnish all shop drawings, working drawings, labor, materials, equipment, tools, services and incidentals necessary to complete all work required by these Specifications and as shown on the Contract Drawings.

The Contractor shall perform the work complete, in place and ready for continuous service and shall include any repairs, replacements, and/or restoration required as a result of damages caused prior to acceptance by the County.

The Contractor shall furnish and install all materials, equipment and labor which is reasonable and properly inferable and necessary for the proper completion of the work, whether specifically indicated in the Contract Documents or not.

D.02 SUBCONTRACTORS, SUPPLIERS AND OTHERS

The identity of subcontractors, suppliers, and other persons and organizations (including those who are to furnish the principal items of material and equipment) may be requested by the County for each bid item from any of the Bidders; and the Bidder shall respond within five days after the date of such request. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such subcontractor, supplier, persons or organization if requested by County. If County, after due investigation, has reasonable objection to any proposed subcontractor, supplier, other person or organization, County may, before the Notice of Award is given, request the apparent successful Bidder to submit an acceptable substitute without an increase in Contract Price or Contract Time.

If apparent successful Bidder declines to make any such substitution, County may award the contract to the next lowest qualified Bidder that proposes to use acceptable subcontractors, suppliers, and other persons who County does not make written objection to Contractor shall not be required to employ any subcontractor, supplier, other person or organization who Contractor has reasonable objection to.

BID FORM
 (Submit in Triplicate)
 Section 00300

BID "A"

IFB # 10-1010-DS
Holiday Heights Water Main Replacement Phase 3
BID "A" Based on Completion time of 300 Calendar Days (Project No. 6074970)
ADDENDUM # 1

ITEM #	DESCRIPTION	QTY.	U/M	BID PRICE PER UNIT	TOTAL BID PRICE
1	Mobilization	1	LS	\$	\$
2	Miscellaneous Work and Clean-Up	1	LS	\$	\$
3	Water Mains				
3a	10-inch	2,100	LF	\$	\$
3b	6-inch	11,462	LF	\$	\$
3c	Slip Line 6-inch Pipe	405	LF	\$	\$
4	Gate Valves				
4a	10-inch (ADDENDUM # 1)	7	EA	\$	\$
4b	6-inch (ADDENDUM # 1)	23	EA	\$	\$
5	Fire Hydrant Assemblies (ADDENDUM # 1)	9	EA	\$	\$
6	Water Service/Meter Reconnections				
6a	Short Side w/o BFP (ADDENDUM # 1)	96	EA	\$	\$
6b	Short Side w/BFP (ADDENDUM # 1)	15	EA	\$	\$
6c	Short Side Dual Service w/o BFP (ADDENDUM # 1)	51	EA	\$	\$
6d	Short Side Dual Service w/ BFP (ADDENDUM # 1)	9	EA	\$	\$
6e	Long Side w/o BFP (ADDENDUM # 1)	39	EA	\$	\$
6f	Long Side w/ BFP (ADDENDUM # 1)	18	EA	\$	\$
6g	Long Side Dual Service w/o BFP (ADDENDUM # 1)	79	EA	\$	\$
6h	Long Side Dual Service - w/ BFP (ADDENDUM # 1)	5	EA	\$	\$
7	On-site Water Service Connections (ADDENDUM # 1)				
7a	Water Connections w/Bladder Tank (ADDENDUM # 1)	61	EA	\$	\$
7b	Water Connections w/ o Bladder Tank (ADDENDUM # 1)	174	EA	\$	\$
8	Grout Fill Pipe	14,364	LF	\$	\$
DISCRETIONARY WORK					\$140,000.00
TOTAL BID PRICE "A"- Based On Completion Time of 300 Calendar Days					\$

BIDDER _____

SIGNATURE _____

BID FORM
 (Submit in Triplicate)
 Section 00300

BID "B"

IFB # 10-1010-DS
Holiday Heights Water Main Replacement Phase 3
BID "B" Based on Completion time of 365 Calendar Days (Project No. 6074970)
ADDENDUM # 1

ITEM #	DESCRIPTION	QTY.	U/M	BID PRICE PER UNIT	TOTAL BID PRICE
1	Mobilization	1	LS	\$	\$
2	Miscellaneous Work and Clean-Up	1	LS	\$	\$
3	Water Mains				
3a	10-inch	2,100	LF	\$	\$
3b	6-inch	11,462	LF	\$	\$
3c	Slip Line 6-inch Pipe	405	LF	\$	\$
4	Gate Valves				
4a	10-Inch (ADDENDUM # 1)	7	EA	\$	\$
4b	6-Inch (ADDENDUM # 1)	23	EA	\$	\$
5	Fire Hydrant Assemblies (ADDENDUM # 1)	9	EA	\$	\$
6	Water Service/Meter Reconnections				
6a	Short Side w/o BFP (ADDENDUM #1)	96	EA	\$	\$
6b	Short Side w/BFP (ADDENDUM # 1)	15	EA	\$	\$
6c	Short Side Dual Service w/o BFP (ADDENDUM #1)	51	EA	\$	\$
6d	Short Side Dual Service w/ BFP (ADDENDUM #1)	9	EA	\$	\$
6e	Long Side w/o BFP (ADDENDUM # 1)	39	EA	\$	\$
6f	Long Side w/ BFP (ADDENDUM #1)	18	EA	\$	\$
6g	Long Side Dual Service w/o BFP (ADDENDUM # 1)	79	EA	\$	\$
6h	Long Side Dual Service - w/ BFP (ADDENDUM #1)	5	EA	\$	\$
7	On-site Water Service Connections (ADDENDUM # 1)				
7a	Water Connections w/Bladder Tank (ADDENDUM # 1)	61	EA	\$	\$
7b	Water Connections w/ o Bladder Tank (ADDENDUM # 1)	174	EA	\$	\$
8	Grout Fill Pipe	14,364	LF	\$	\$
DISCRETIONARY WORK					\$140,000.00
TOTAL BID PRICE "B"- Based On Completion Time of 365 Calendar Days					\$

BIDDER _____

SIGNATURE _____