



MANATEE COUNTY FLORIDA

May 4, 2009

TO: All Interested Bidders

SUBJECT: Invitation for Bid # 09-1478-DS
Trailer Estates Subdivision Phase VI Water System Improvement

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. 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.

Based upon instructions from the Project Manager, Mr. Chuck Froman, Manatee County Government, Public Works Department and from Mr. John M. Eash, Senior Project Manager of PBS&J, Sarasota Florida.

- Q1. The spec book states the HDPE water main is to be SDR9, section 02620: part 2:2.01. The bid form/document states SDR11 and the detail on sheet 30 in the prints state SDR9 is required unless the engineer can prove through calcs that SDR11 can be used. Could you have someone look into this and address what pipe class is required? The difference is 20% between the two classes.
- A1. **Answer:** The water main to be installed for the project should be DR 11 as noted on the bid form.
- Q2. Bid Items 2-6 on the bid form call for SDR11 HDPE, however the plans are noted to provide SDR9 HDPE for water mains. What SDR rating is going to be required for these bid items?
- A2. **Answer:** The water main to be installed for the project should be DR 11 as noted on the bid form.

Finance Management Department
Mailing Address: Purchasing Division: 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941-749-3045 * FAX: 941-749-3034
www.mymanatee.org

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*

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Q3. Payment Item 2.09 in section 01150-5 of the specs. Includes backflow prevention for the single and double water services. A backflow preventer is not shown on the water service detail drawing. Should some type of backflow device be included at the meter assembly?

A3. **Answer:** Meter coppersettlers shall include backflow prevention using dual check valves and meeting requirements of ASSE 1024.

Q4. The Smith Blair company stated the service saddles listed in the spec book and prints are not an approved product by the manufacturer for the proposed application. They will not warrant the product in case of a defect.

A4. **Answer:** "All connections to HDPE pipe shall be in accordance with the attachment. The information in the attachment shall supersede the plans and specifications and any previous addendums."

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.

THIS ADDENDUM MUST BE ACKNOWLEDGED ON THE BID FORM FOR YOUR BID TO BE CONSIDERED RESPONSIVE.

END OF ADDENDUM # 2

Bids will be received at the Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until 2:00 P.M. on May 7th 2009.

Sincerely,



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

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CORPORATION STOPS AND SADDLES

- A. Corporation stops for connections to ductile iron and PVC water and reclaimed water mains shall be all red brass, alloy 85-5-5-5, per ASTM B 62, and shall conform to AWWA C800. 1-inch through 2-inch corporation stops shall be ball-type, 300 psi working pressure rated, with AWWA MIP threaded inlets and compression, pack joint, flare, or FIP threaded joint outlets, Mueller as shown in the table below, or an approved equal. All joints made to CTS size HDPE tubing shall use stainless steel insert stiffeners.

Corporation Stops

Pipe Material	Type of Connection	Model
HDPE	Compression X AWWA MIP Thread	B-25028 (Saddle)
HDPE	Compression CTS X AWWA MIP Taper Thread	B-25008 (Direct Tap)
HDPE	Pack Joint CTS X AWWA MIP Thread	P-25028 (Saddle)
HDPE	Pack Joint CTS X AWWA MIP Taper Thread	P-25008 (Direct Tap)
Copper	Compression X AWWA MIP Thread	B-25028 (Saddle)
Copper	Pack Joint CTS X AWWA MIP Taper Thread	B-25008 (Direct Tap)
Copper	Pack Joint CTS X AWWA MIP Thread	P-25028 (Saddle)
Copper	Pack Joint CTS X AWWA MIP Taper Thread	P-25008 (Direct Tap)
Copper	Flare X AWWA MIP Thread	B-25025 (Saddle)
Copper	Flare X AWWA MIP Taper Thread	B-25000 (Direct Tap)
Stainless Steel	FIP Thread X AWWA MIP Thread	B-20046 (Saddle)
Stainless Steel	FIP Thread X AWWA MIP Taper Thread	B-20045 (Direct Tap)

- B. Potable plastic service pipe material and compression and pack joint connectors shall not be used in soil that is contaminated with low molecular-weight petroleum products, aromatic hydrocarbons, chlorinated hydrocarbons or organic solvents. Appropriate service tubing shall apply.
- C. Service connections to water and reclaimed water mains shall be made using red brass saddles, alloy 85-5-5-5 per ASTM B 62. Straps, washers and nuts shall be brass or stainless steel. No ductile iron, cast iron or steel saddles will be allowed. Saddles shall be Smith Blair 325 Bronze saddles with Stainless Steel or brass extra wide strap or equivalent.
- D. Connections to sanitary forcemains that are less than or equal to 2 inches shall be made using Romac Style 306 double bolt stainless steel service saddles or equivalent.
- E. Connections to HDPE mains shall be as specified in Sections 11.12 C & D or shall be Central Electrofusion Corp Saddles, or equivalent, per AWWA C906 and ASTM F-1055, with stainless steel compression ring and a brass adapter insert (for potable and reclaimed connections) providing direct connection to the brass corporation stop. A stainless steel insert shall be provided for any direct connection to wastewater forcemains with stainless steel ball valves associated with air release valves. All saddles shall be properly sized for and compatible with the HDPE pipe. Saddles shall be electrofusion installed per the saddle and electrofusion installation equipment manufacturer's recommendations. All other materials, specifications, and provisions shall remain unchanged.