



MANATEE COUNTY FLORIDA

April 29, 2013

TO: All Interested Bidders
SUBJECT: Invitation for Bids #13-1198CD
Tara 20 Force main Replacement

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 acknowledgment 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.

1. **ADD** the following Bid Item 24 to Article 1.07 of Section 01150, Measurement and Payment, of the Contract Documents:

BID ITEM 24 - 24" GATE VALVES

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid per each valve for furnishing and installing the listed diameter valve including but not limited to valve, box, cover, tracer wire & box, identification disc, and concrete pad as shown on the Contract Drawings and listed on the Bid Form. Payment shall represent full compensation for all labor, material, excavation, including rock as necessary, bedding, backfill, compaction, testing and equipment required to complete these items. Large valves on PVC pipe may require concrete support to comply with pipe manufacturer's design requirements. Such concrete will be paid under Bid Item Miscellaneous Concrete.

2. **DELETE** the response to Question #5 issued in Addendum #1 and **INSERT** the following response to question #5 issued in Addendum #1:

RESPONSE #5: The Contractor will be paid for actual quantity (weight) of fittings installed at the unit price bid for fittings, whether over the bid quantity or under. The bid quantity for bid item # 7 DI Fittings, Wastewater, is hereby revised to **19,000lb**. Non-Compact fittings are to be used.

3. **DELETE** Bid Form pages 00300-2 thru 00300-5 issued with Addendum #1, and **INSERT** the REVISED Bid Form pages 00300-2 thru 00300-5 that are attached to this Addendum #2.

Financial Management Department – Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034
www.mvmanatee.org

4. ALL BIDDERS SHALL NOTE: An FDOT contractor has installed power conduit by directional drilling on the south side of SR70. Contact Carl Harman at FDOT for as-built plans at 941 465 0756 or 941 359 7366.

The following questions have been asked regarding this IFB:

QUESTION #1: Since the detail states that cover less than 44 inches is to be a different ring and cover, please clarify what is the cover for the manhole at Sta. 10+? by providing the rim and invert or top of pipe elevations.

RESPONSE #1: The plans indicate that at the proposed ARV at 10+34 the top of pipe is approx elev. 16.85ft, and the survey data indicates the nearby 24" Plug Valve box lid to be approx elev. 20.78ft NGVD, which leaves 3.93ft cover, which is greater than 44 inches.

QUESTION #2: Can dewatering be done everywhere?

RESPONSE #2: Dewatering is allowed everywhere except within the Army Corps and SWFWMD jurisdictional limits and Conservation Easement shown on the plans, between approx. Sta. 18+40 and 18+70.

QUESTION #3: Does the Contractor need to install silt fencing along both sides of the proposed work area?

RESPONSE #3: Silt Fencing is required typically on the down slope side of the trench, however some areas may require silt fence on both sides to prevent silt from escaping the work area. Silt fence must be installed as required by County and State regulations and in accordance with Sheet 10 of the Plans.

QUESTION #4: Does the pay item for Joint Restraints include both the megalugs at the fittings and valves and the bell joint restraints on the pipe joints?

RESPONSE #4: Yes, however the County prefers to minimize the number of bell joint restraints where possible by using thrust blocks.

QUESTION #5: At Sta. 40+00 there is a 24" Gate Valve shown but there is no pay item for it. Will a pay item be added for this valve?

RESPONSE #5: Yes, see item #1 above.

QUESTION #6: In lieu of open cut installation under the gravity sewer and large drainage culverts in the section from station 33+50 to 38+00, would the County consider changing this to a 24" FPVC directional drill to eliminate the need to remove & replace the pipe in conflict?

RESPONSE #6: No.

Financial Management Department –Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034

www.mvmanatee.org

QUESTION #7: (A.) Reference bid item no. 5, 24” Pipe Restraints, is this item specifically for use at areas where the bell ends of the pipe need to be harnessed along the pipe route before and after mechanical joint fittings, valves, etc? Or is this item specifically for use at mechanical joint fittings? The Measurement and Payment Section, 01150, for Bid Item 5 – PIPE RESTRAINTS, does not clearly define what type of restraints we are dealing with. If these are not for use at the bell ends of pipe in restrained joint areas then where do we get compensated for harnessing the joints of the pipe? If these are not for use with the mechanical joint fittings and valves, then where do we get compensated for these types of restraints? (B.) Reference bid item no. 5, 24” Pipe Restraints, if this item is specifically for the MJ Meg-a-Lugs used at mechanical joint fittings and valves then the quantity is too low, please review. (C.) Reference bid item no. 5, 24” Pipe Restraints, if this item is specifically for harnessing the bell ends of pipe at restrained joint pipe areas, then the quantity is too high, please review. (D.) Reference specifications section 01150, Measurement and Payment, for Bid Item 1 – PVC (C-905) FORCE MAIN and for Bid Item 7 – DUCTILE IRON FITTINGS, WASTEWATER, neither of these measurement and payment descriptions address the issue of restraint and how restraining devices are to be paid, please review and clarify.

RESPONSE #7: The Contractor should assume that thrust blocks will be required at every fittings location unless conditions prohibit. Thrust blocks will be paid by the Bid Item 18 “Misc. Concrete”. Bid Item 5 “Pipe Restraints” is intended to pay for each restraint installed, whether at bells, or at MJ fittings, including all types of restraints used on the 24” force main. Bell restraints should be used only where no other restraint can be used. Restraints will be paid under Bid Item 5 only and not under Bid Item 1 nor under Bid Item 7.

QUESTION #8: With regard to bid item 14, ASPHALT ROAD RESTORATION (MILL AND RESURFACE), what is the specified depth of milling and asphalt replacement to be for this item?

RESPONSE #8: In accordance with Detail UG 12 on Sheet 9 of the Plans, Asphalt Road Restoration (Mill and Resurface) shall consist of milling 1.5 inches of asphalt and replacement with 1.5 inches of S-III asphaltic concrete.

QUESTION #9: Plan sheet 8 shows a 24” gate valve, but there isn’t a bid item. Can you add a bid item for the 24” gate valve?

RESPONSE #9: Yes, see item #1 above.

QUESTION #10: Connection to the existing 24” force main on plan sheet 4: (a.) Is the existing 24” force main active? (b.) Can the existing 24” valve be closed to allow for this connection without a shutdown of the lift station? (c.) Is the manhole for the ARV assembly to be installed over the existing 24” force main in a “dog house” type structure? Please provide a detail showing how this structure is to be installed.

RESPONSE #10: The existing 24" force main stub at Sta. 10+31 is active, and the valve can be closed to allow connection without shutdown of the lift station if the Contractor provides all necessary thrust restraint. A doghouse manhole will be allowed for the ARV on the existing 24" force main. The details will be similar to Utility Standard Drawing US 5, however, the Contractor will need to submit a doghouse detail for approval.

QUESTION #11: Plan sheet 5 shows a jack and bore under the storm drainage. Why was a jack and bore not provided under the box culvert on plan sheet 7? Can this be provided as part of the bid?

RESPONSE #11: A jack & bore is not required under the box culvert on sheet 7 because SWFWMD did not require one. A jack & bore at the location on plan sheet 7 will not be acceptable as part of the bid.

QUESTION #12: There are fences across the road preventing access to the site. According to Section 00020, Basis of Award, Item B.05 a site visit is required prior to the bid. How can we get access to the site to see the location where the pipe is to be placed?

RESPONSE #12: Access to the site is possible by walking past the existing fences which are on the road.

QUESTION #13: Can the water from the dewatering operation be discharged into the existing drainage system?

RESPONSE #13: The Contractor shall submit his dewatering plan to the County and to SWFWMD for review. If SWFWMD and the County have no objections to the Contractor's proposed methods of dewatering and if the Contractor provides sufficient treatment and best management practices to meet all regulations and if no adverse effects or overloading occur to the drainage system and receiving waters as a result, then the Contractor may be able to discharge into the existing drainage system.

QUESTION #14: Is it possible to close Stone River Road during the pipe installation from STA 10+31 to 12+34?

RESPONSE #14: It may be possible to allow some temporary lane closures on Stone River Road, but the Contractor must submit a request to the County with a traffic control plan, details of requested closure times, dates, and areas, and apply for a Right of Way Use Permit. Stone River Road east of the force main easement is privately owned and the County has no jurisdiction to allow closure or access.

QUESTION #15: Can the 10' drainage & utility easement on the north side of Stone River Road be used as part of the work area?

Financial Management Department – Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034

www.mymanatee.org

RESPONSE #15: The 10 foot wide drainage and utility easement on the north side of Stone River Road can be used as part of the work area.

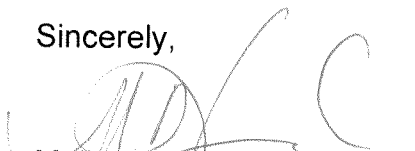
QUESTION #16: Regarding Bid Item #8, Connect To Existing Force Main, actually there is only 1 (one) connection to be made and that will be at the lift station at the existing 24-inch pipe. The connection to the 36-inch force main at the north side of S.R.-70 will be accomplished in Bid Item #6, 24" Tapping Valve and Sleeve and does not warrant being included in Bid Item #8. Please have project manager review and revise bid quantity for Bid Item #8.

RESPONSE #16: The pay item description in Measurement & Payment for Bid Item #8 "Connect to Existing Force Main" is comprehensive and includes all work, materials, equipment, and labor whatsoever required to make connections to the existing force mains at the two locations, except valves and asphalt, which are covered in other pay items. Therefore, the bid quantity for Bid Item #8 will remain as **TWO** connections.

END OF ADDENDUM #2

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Bradenton, Florida 34205 until **Wednesday, May 8, 2013 at 3:30 PM.**

Sincerely,



Melissa M. Wendel, CPPO
Purchasing Official

Financial Management Department -Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034
www.mymanatee.org

BID FORM

(Submit in Triplicate) Section 00300

TARA 20 FORCE MAIN REPLACEMENT

Bid "B" Based on Completion Time of 240 Calendar Days

ITEM NO.	DESCRIPTION	UNITS	QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1	24" PVC Force Main C905 (Direct Bury) DR18	LF	2,550	\$	\$
2	36" Steel Casing, Jack & Bore 0.500" wall	LF	480	\$	\$
3	24" DI Force Main Class 350 (Direct Bury)	LF	50	\$	\$
4	24" Fusible PVC Force Main C905 DR 18	LF	515	\$	\$
5	24" Pipe Restraints	EA	50	\$	\$
6	24" Tapping Valve & Sleeve	EA	1	\$	\$
7	DI Fittings, Wastewater (Non-Compact)	LB	19,000	\$	\$
8	Connect to Exist. Force Main	EA	2	\$	\$
9	Traffic Control to FDOT Standards	LS	1	\$	\$
10	Sodding	SY	3,200	\$	\$
11	Seeding	SY	3,000	\$	\$
12	Air Release Valve incl. manhole	EA	2	\$	\$
13	Asphalt Road Restoration (Base & Resurface)	SY	150	\$	\$
14	Asphalt Road Restoration (Mill & Resurface)	SY	550	\$	\$
15	Concrete Sidewalk Replacement	SY	130	\$	\$
16	Curb & Gutter Replacement	LF	300	\$	\$
17	Remove and Install/Replace Storm Drains	LS	1	\$	\$
18	Miscellaneous Concrete	CY	30	\$	\$

Bidder Name: _____

Authorized Signature: _____

BID FORM

(Submit in Triplicate) Section 00300

TARA 20 FORCE MAIN REPLACEMENT

Bid "B" Based on Completion Time of 240 Calendar Days

ITEM NO.	DESCRIPTION	UNITS	QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
19	Concrete Driveway Restoration	SY	20	\$	\$
20	Silt Fence and Erosion Control	LS	1	\$	\$
21	Mobilization (maximum 10% of total bid)	LS	1	\$	\$
22	Miscellaneous Work & Clean Up	LS	1	\$	\$
23	DISCRETIONARY WORK (USED ONLY WITH COUNTY APPROVAL)	LS	1		\$ 96,920.00
24	24" Gate Valve	EA	1	\$	\$
TOTAL PRICE FOR BID "B" - Based on Completion Time of 240 Calendar Days					

Bidder Name: _____

Authorized Signature: _____