



Financial Management Department
Purchasing Division
1112 Manatee Ave W Suite 803
Bradenton, FL 34205
Phone: (941) 749-3014
www.mymanatee.org

April 8, 2016

TO: All Interested Bidders
SUBJECT: Invitation for Bids #16-1035CD
Canal Road Water Main Replacement

ADDENDUM #2

Bidders are hereby notified that this Addendum shall be acknowledged on page Bid Form-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. **CHANGE** Bid Item 16.0- Unsuitable Material (Rock) Removal and Disposal in Section 01150, Measurement and Payment, that was issued in Addendum #1 to read as follows:

BID ITEM 16.0 – UNSUITABLE MATERIAL (ROCK LIKE MATERIAL) REMOVAL AND DISPOSAL

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 the removal and disposal of unsuitable material found within and directly above the envelope around the proposed water main for pipe bedding . Manatee County shall determine whether the excavated material from the pipe trench is unsuitable for backfill and/or pipe bedding envelope. Payment includes removal and lawful disposal of unsuitable material off site. Pay Item includes hauling and disposal fees, cleanup, repair of existing utilities that are disturbed during construction, protection of existing facilities, and all other work incidental to the removal and disposal of unsuitable materials.

Measurement for payment shall be made at the cubic yard of unsuitable material in and directly above the envelope of pipe bedding. The Contractor will not be paid extra excavation outside the width of the pipe bedding envelope. The cross sectional area for the pipe bedding envelope shall be consistent with the Manatee County detail; the trench width shall be nominally 12-inches beyond each side of the pipe with removal being a minimum 6-inches below the proposed pipe.

April 8, 2016

2. **CHANGE** Bid Item 17.0- Select Fill Material in Section 01150, Measurement and Payment, that was issued in Addendum #1 to read as follows:

BID ITEM 17.0 – SELECT FILL MATERIAL

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 select fill material within and directly above the proposed water main pipe envelope. The select fill material shall be used in locations where Manatee County has determined that the excavated material from the pipe trench is unsuitable for pipe bedding. In these cases, the Contractor shall provide select fill material for the water main bedding. Payment for material placement and compaction is included in the unit price for 'Ductile Iron Water Main and Fittings'. Payment includes the delivery and placement of selected fill material in and above the pipe bedding envelope. Pay Item includes hauling, cleanup, repair of existing utilities that are disturbed during construction, protection of existing facilities, and all other work incidental to providing select common fill.

Measurement for payment shall be made at the measured cubic yard of select fill material in and above the envelope of pipe bedding compacted and measured in place. The Contractor will not be paid extra for material needed if excavation outside the width of the pipe bedding envelope has occurred. The cross sectional area for the selected common fill in the pipe trench shall be consistent with the Manatee County detail; the trench width shall be nominally 12-inches beyond each side of the pipe with the selected common fill being minimum 6-inches below the pipe.

3. **DELETE** REVISED Bid Form pages Bid Form-2 thru Bid Form-7 issued with Addendum #1 and **INSERT** REVISED Bid Form Pages Bid Form-2 thru Bid Form-7 that are attached to this Addendum #2.
4. **CHANGE** the Due Date and Time to **Monday, April 18, 2016 at 3:00 PM.**

The following questions have been presented by potential bidders:

Question 1: From approximately station 19+00 to 70+00 the proposed 16" water main is running parallel to the existing east edged of pavement. There are numerous crossings for services and stub outs in this section. Will this section of roadway be required to be milled and resurfaced per the county detail of 25 feet each side of the trench cut or will the entire section from 19+00 to 70+00 be milled and resurfaced? Please clarify.

Response 1: In addition to the response to question 7 in Addendum #1, ½ roadway milling and resurfacing is required from Station 22+40 to 42+40. It is believed that the Contractor should not be impacting the roadway beyond Station 42+40 with the installation of the water main parallel to the roadway on the shoulder of the road.

Question 2: Will the new water services that are crossing the road be required to be installed inside a casing? Please clarify.

Response 2: Yes, casings are required for water services crossing under roadways. If the water services crossing the roadway are installed using open cut methods under an area of the roadway not identified to milled and resurfaced per the stations previously provided, the open cut area shall milled and resurfaced per the detail.

Question 3: The asphalt restoration for this project needs some clarification. The measurement & payment section says to repair according to the details but not less than 1-1/2" type III asphalt. Also mentioned is milling and overlay. The details show a trench patch to match existing asphalt surface of 1-1/4" then 1-1/2" overlay. Are we to trench patch then mill it off again to overlay 1-1/2"?

Response 3: No, it is acceptable for base material to be placed flush with the existing asphalt grade for a short period of time until the final asphalt restoration work can be performed. The base material in the trench will need to be maintained until paved so there is a safe driving surface for vehicles.

Question 4: Are we to trench patch to match existing then overlay the entire road without milling?

Response 4: No.

Question 5: Pay items should also be added for the various types of roadway striping that will be needed.

Response 5: All striping (temporary and final) are part of Bid Item 5.0 – Pavement Repair and Roadway Restoration.

Question 6: In reviewing addendum 1, with the newly added pay items 16: Unsuitable Material (Rock) Removal and Disposal (1,960 CY) and 17: Select Fill Material (1,960 CY), we will only be paid for the "pipe bedding envelope" area, which is 12 inches beyond each side of the pipe. For bid item 16, with the pipe having three to four feet of cover, how are we to get paid for excavating and disposal of the rock that will have to be removed from the top of the "bedding envelope"? For bid item 17 which is only covering the bedding envelope, what are we to backfill the remaining pipe trench with? The rock material excavated will most likely not be suitable enough to backfill with and achieve the required compaction density. The pay item description for items 16 and 17 along with the quantities, need to be revised to include the total excavation from top to bottom and to backfill accordingly.

Response 6:

Not all trench areas being excavated are anticipated to contain unsuitable materials. Any excess suitable material from these areas is expected to be used before offsite select material is used. The Measurement & Payment BID ITEM 16.0 and BID ITEM 17.0 added with Addendum #1 are revised as shown above to include the trench width to the surface (or bottom of base if in roadway, roadway base is paid for in other items). The trench width will be measured with the side walls being vertical up from the pipe bedding envelope.

END OF ADDENDUM #2

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Bradenton, Florida 34205 until **Monday, April 18, 2016 at 3:00 PM.**

Sincerely,


Melissa M. Wendel, CPPO
Purchasing Official

BID FORM

(Submit in Duplicate)

CANAL ROAD WATER MAIN REPLACEMENT

Bid "A" Based on Completion Time of 270 Calendar Days

ITEM NO.	ITEM DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
1	MOBILIZATION	1	LS	\$	\$
2	MAINTENANCE OF TRAFFIC	1	LS	\$	\$
3	EROSION CONTROL MEASURES/ BMP	7,100	LF	\$	\$
4	SODDING- RIGHTS OF WAY	4,900	SY	\$	\$
5	PAVEMENT REPAIR AND ROADWAY RESTORATION	1	LS	\$	\$
6	DUCTILE IRON WATER MAIN AND FITTINGS				
6.1	6" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	45	LF	\$	\$
6.2	8" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	130	LF	\$	\$
6.3	12" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	25	LF	\$	\$
6.4	16" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	6,070	LF	\$	\$
7	DIRECTIONAL BORE OF HDPE WATER MAIN				
7.1	18" HDPE (C906, DR-11) WATER MAIN	930	LF	\$	\$
8	JACK AND BORE OF WATER MAIN				
8.1	30" STEEL CASING AND 16" DIP (C150 & C151, PRESSURE CLASS 350) CARRIER WATER MAIN	170	LF	\$	\$
9	GATE VALVES				
9.1	6" GATE VALVE	2	EA	\$	\$

Bidder Name: _____

Authorized Signature: _____

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CANAL ROAD WATER MAIN REPLACEMENT

Bid "A" Based on Completion Time of 270 Calendar Days

ITEM NO.	ITEM DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
9.2	8" GATE VALVE	5	EA	\$	\$
9.3	12" GATE VALVE	1	EA	\$	\$
9.4	16" GATE VALVE	8	EA	\$	\$
10	ABOVE GROUND AIR RELEASE VALVE	6	EA	\$	\$
11	2" BLOW OFF	4	EA	\$	\$
12	NEW FIRE HYDRANT ASSEMBLY	11	EA	\$	\$
13	CONNECTION TO EXISTING WATER MAINS				
13.1	6" CONNECTION TO EXISTING (@52ND)	1	EA	\$	\$
13.2A	8" CONNECTION TO EXISTING (@49TH)	1	EA	\$	\$
13.2B	8" CONNECTION TO EXISTING (@53RD)	1	EA	\$	\$
13.3	16" CONNECTION TO EXISTING (@ US41)	1	EA	\$	\$
13.4	20" CONNECTION TO EXISTING WATER MAIN (@37TH)	1	EA	\$	\$
14	WATER SERVICE CONNECTION				
14.1	INVESTIGATION OF UNCONFIRMED WATER SERVICES	1	LS	\$	\$
14.2	WATER SERVICE CONNECTION IN ROAD RIGHT-OF-WAY	26	EA	\$	\$
14.3	WATER SERVICE CONNECTION OUTSIDE OF ROAD RIGHT-OF-WAY (INCLUDES RELOCATED METER ASSEMBLY AT ROAD RIGHT OF WAY)	10	EA	\$	\$

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CANAL ROAD WATER MAIN REPLACEMENT

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ITEM NO.	ITEM DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
15	FLOWABLE FILL FOR PIPE ABANDONMENT				
15.1	FLOWABLE FILL FOR PIPE ABANDONMENT	270	CY	\$	\$
15.2	REMOVAL OF EXISTING 10" HDPE WATER MAIN FROM 16" HDPE CASING AND GROUTING WITH FLOWABLE FILL (US41 CROSSING)	1	LS	\$	\$
16	UNSUITABLE MATERIAL (ROCK) REMOVAL AND DISPOSAL	4,715	CY	\$	\$
17	SELECT FILL MATERIAL	4,340	CY	\$	\$
	TOTAL BASE BID "A" - Based on Completion Time of <u>270</u> Calendar Days				\$
18	CONTRACT CONTINGENCY WORK (USED ONLY WITH COUNTY APPROVAL)		10% OF TOTAL BASE BID		\$
	TOTAL OFFER FOR BID "A" with Contract Contingency - Based on Completion Time of <u>270</u> Calendar Days				\$

Bidder Name: _____

Authorized Signature: _____

BID FORM

(Submit in Duplicate)

CANAL ROAD WATER MAIN REPLACEMENT

Bid "B" Based on Completion Time of 330 Calendar Days

ITEM NO.	ITEM DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
1	MOBILIZATION	1	LS	\$	\$
2	MAINTENANCE OF TRAFFIC	1	LS	\$	\$
3	EROSION CONTROL MEASURES/ BMP	7,100	LF	\$	\$
4	SODDING- RIGHTS OF WAY	4,900	SY	\$	\$
5	PAVEMENT REPAIR AND ROADWAY RESTORATION	1	LS	\$	\$
6	DUCTILE IRON WATER MAIN AND FITTINGS				
6.1	6" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	45	LF	\$	\$
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8	JACK AND BORE OF WATER MAIN				
8.1	30" STEEL CASING AND 16" DIP (C150 & C151, PRESSURE CLASS 350) CARRIER WATER MAIN	170	LF	\$	\$
9	GATE VALVES				
9.1	6" GATE VALVE	2	EA	\$	\$
9.2	8" GATE VALVE	5	EA	\$	\$

Bidder Name: _____

Authorized Signature: _____

BID FORM

(Submit in Duplicate)

CANAL ROAD WATER MAIN REPLACEMENT

Bid "B" Based on Completion Time of 330 Calendar Days

ITEM NO.	ITEM DESCRIPTION	EST. QTY.	U/M	UNIT PRICE	EXTENDED PRICE
9.3	12" GATE VALVE	1	EA	\$	\$
9.4	16" GATE VALVE	8	EA	\$	\$
10	ABOVE GROUND AIR RELEASE VALVE	6	EA	\$	\$
11	2" BLOW OFF	4	EA	\$	\$
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