



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

March 29, 2016

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

ADDENDUM #1

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 14.0- Water Service Connection in Section 01150, Measurement and Payment, of the Technical Specifications to read as follows:**

BID ITEM 14.0 – WATER SERVICE CONNECTION

Payment for all work under this Bid Item shall be made at the applicable Contract unit price. There shall be a Lump Sum payment for an investigation by the Contractor to verify whether the unconfirmed water services are in use and notification to the County. This shall include coordination with the County and the local residents to perform the investigation. There is a separate payment for each water service connection as shown on the Contract Documents or service stub-out determined in the field. This includes all labor, materials, tools and equipment necessary for furnishing and installing new water services lines of various sizes from the new water main to the existing meters / service connections. The new water services are to replace the existing meters / service connections currently connected to the existing water main designated to be abandoned or removed. Also included are all fittings per the typical service detail along with the installation of base material below the service line. Work includes dewatering, excavating, backfilling, compacting, flushing, disinfection, testing, and all materials for a complete service as shown in the details and other work incidental to the acceptable installation. Coordinating with other utilities for locating buried cables and other utilities during construction, clearing and grubbing, excavation of all material encountered including rock, backfill, compaction, density testing, cleanup, repair of existing utilities that are disturbed during construction, protection of existing facilities, relocation of fencing as needed, flushing, pressure testing, and all other work incidental to the installation of the water services complete in place. Includes the removal and replacement of obstructions located in the path of the work including signs, fences, trees, ornamental vegetation, irrigation lines, etc. Item also includes the final connection of the new service line to the existing water service line once the new water main has been cleared for service or a service stub-out from under the pavement to the side of the road of the future service connection. Payment shall represent full compensation for all labor, materials, and equipment for the connection, ready for approval and acceptance by the County.

When the existing water meter is located within the road right-of-way, the Contractor shall connect to the existing residential water meter.

Should the existing water meter be located on private property, the existing residential water meter shall be relocated to the road right-of-way. A new water service line shall be installed from the relocated water meter to the existing residential water service. The Contractor shall perform the necessary work outside of the road right-of-way and hire a licensed plumber to pull permits and make the residential water service connection between the relocated residential water meter and customer service.

BID ITEM	DESCRIPTION	UNITS
14.1	Investigation of Unconfirmed Water Services	LS
14.2	Water Service Connection in road right-of way	EA
14.3	Water Service Connection outside road right-of-way (Includes relocating meter assembly at road right-of-way)	EA

2. **CHANGE** Bid Item 16.0- Contract Contingency in Section 01150, Measurement and Payment, of the Technical Specifications to read as **Bid Item 18.0**.
3. **ADD** a new Bid Item 16.0- Unsuitable Material (Rock) Removal and Disposal in Section 01150, Measurement and Payment, of the Technical Specifications to read as follows:

BID ITEM 16.0 – UNSUITABLE MATERIAL (ROCK) 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 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 the 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 the envelope of pipe bedding. The Contractor will not be paid extra excavation outside 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 and 12-inches above the proposed pipe.

4. **ADD** a new Bid Item 17.0- Select Fill Material in Section 01150, Measurement and Payment, of the Technical Specifications 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 for the envelope around the proposed water main for pipe bedding. 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 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 the envelope of pipe bedding compacted and measured in place. The Contractor will not be paid extra for material needed if excavation outside 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 and 12-inches above the pipe.

5. **DELETE** Bid Form pages Bid Form-2 thru Bid Form-7 and **INSERT REVISED** Bid Form Pages Bid Form-2 thru Bid Form-7 that are attached to this Addendum #1.

The following questions have been presented by potential bidders:

Question 1: On sheet 2 of the plans in the lower right hand corner there is a note stating that "All other existing water services/water meters shall be investigated by the contractor to verify whether service is in use and notify the county for coordination. If in use, there shall be a new water service connection. If the service is not in use, the county may require the contractor to provide a service stub-out from under the pavement". What bid item does this investigative work and coordination go under? Please clarify.

Response 1: Please see the revised measurement and Payment description for Bid Item 14.0 as listed in item #1 above of this Addendum #1.

Question 2: On sheet 2 of the plans in the "legend" it shows a non-shaded water meter service. Which calls out "Water Service Line to be Confirmed*". The double asterisks tell us "Confirmed existing water meters are to receive new water service connections". For clarification explain what this scope of work entails. What bid item, which seems to be investigation work is this to be placed under?

Response 2: The thirty-six water service connections shown on the Bid Form are for services that have been identified either from record drawings and/or field verification. County records indicate that the number of potable water customers in this area to be 18. Please refer to the revised Measurement & Payment description for Bid Item 14.0 shown in item #1 above of this Addendum #1.

Question 3: On page 139 of 242, Section 02590 Water Services on Private Property. The scope of work calls out to: Furnish all labor, materials, equipment and incidentals necessary for complete installation of potable water services for and on lots identified on the Drawings. I did not find anywhere on the plans where it shows going past the point of connection at the meters. For any work on the home owner's side of the meter, would require a plumber and permits. Please clarify if indeed the contractor will have to perform any work on the home owner's side of the water meters.

Response 3: The Contractor will be required to perform work outside of the road right-of-way. The water meter is to be installed to the road right-of-way. When the existing water meter is located at the right-of-way line, the Contractor shall connect to the existing residential water service. In cases where the existing meter is located beyond the right-of-way line and on private property, the Contractor must hire a licensed Plumber to pull permits and make the residential water service connection between the new water meter and customers service.

Question 4: On page 70 of 242, Section 01590 Field Office. It is called out that the contractor will furnish a field office for the county. Will a field office for the county be required?

Response 4: A field office will not be required for this project.

Question 5: Will the contractor be allowed to close the road to Thru Traffic on Canal Road while installing proposed water main and restoring the roadway? The road is too narrow to safely install the water main and restore the roadway without closing the road to Thru Traffic. Will the contractor have to submit a signed and sealed MOT plan by an engineer for the road closures?

Response 5: The Manatee County ROW/MOT Group will allow road closure during construction. A Signed & Sealed MOT plan will be required to be submitted to the County for review and approval.

Question 6: The Ardaman geotechnical report, site visit and common knowledge of the area confirms that there is rock in the area where the water main is to be installed. The bid form has no pay item for unsuitable material or select backfill. The rock material excavated will not be able to be placed back in the trench and will have to be trucked off. Clean fill will be needed for backfilling purposes to place around and on top of the pipe, and will also allow to achieve compaction requirements. Take into consideration to add bid items for unsuitable material and select backfill, if only for 100 CY each to establish a rate for the two items.

Response 6: The County shall determine whether the material excavated from the water main trench is suitable to be used as selected common material for the pipe bedding. Should the material be determined to be unsuitable, the Contractor shall remove and dispose of the volume of material that would be used for pipe bedding. The Contractor shall then furnish and install selected fill material for pipe bedding as shown on the details.

The width for the pipe bedding trench shall be nominally 12-inches beyond each side of the pipe while a minimum of 6-inches below the pipe and 12-inches above the pipe shall be selected common fill material. Payment for the removal and disposal of the unsuitable material and the furnishing and installing of selected common material will be paid for per cubic yard of select fill material, compacted in place, delivered to the site installed in the pipe bedding envelope. There will be no additional payments for fill should the Contractor over excavate any portion of the trench.

Please refer to items #3 and #4 above in this Addendum #1 for measurement and payment descriptions of the new bid items.

Question 7: On plan sheet 3, under "Road and Driveway Restoration" it states that "In areas where the new water main is installed parallel to and under the roadway, the full width of the road shall be milled and resurfaced per Manatee County requirements". Can to and from stations be provided to where the full width milling and resurfacing will take place? Will 1" of asphalt be all that is required to mill and resurface?

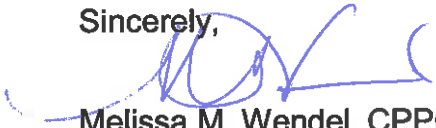
Response 7: From Station 0+80 to 19+20 use full width milling and resurfacing. From Station 22+40 to 42+40 use ½ road width milling and resurfacing. The County is requesting 1 1/2" milling and resurfacing.

An additional Addendum will issued in the near future that will address all questions submitted prior to the deadline for clarifications.

END OF ADDENDUM #1

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Bradenton, Florida 34205 until **Monday, April 11, 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: _____

REVISED BID FORM- 2

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
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	\$	\$

Bidder Name: _____

Authorized Signature: _____

REVISED BID FORM- 3

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
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	1,960	CY	\$	\$
17	SELECT FILL MATERIAL	1,960	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	\$	\$
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	\$	\$
9.2	8" GATE VALVE	5	EA	\$	\$

Bidder Name: _____

Authorized Signature: _____

REVISED BID FORM- 5

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	\$	\$
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	\$	\$

Bidder Name: _____

Authorized Signature: _____

REVISED BID FORM- 6

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
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	1,960	CY	\$	\$
17	SELECT FILL MATERIAL	1,960	CY	\$	\$
	TOTAL BASE BID "B" - Based on Completion Time of <u>330</u> Calendar Days				\$
18	CONTRACT CONTINGENCY WORK (USED ONLY WITH COUNTY APPROVAL)		10% OF TOTAL BASE BID		\$
	TOTAL OFFER FOR BID "B" with Contract Contingency - Based on Completion Time of <u>330</u> Calendar Days				\$

Bidder Name: _____

Authorized Signature: _____