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Purchasing Division
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Email

August 18, 2015

TO: All Interested Bidders

SUBJECT: Invitation for Bid #15-1947DC
51st Street West Gravity Sewer Replacement

ADDENDUM #3

Bidders are hereby notified that this Addendum shall be acknowledged on the Bid Form and made a part of the above named bidding and contract documents.

1. Reference Addendum 2 in use of SDR-25 PVC pipe and Section 01150, MEASUREMENT AND PAYMENT, Bid Item 11.0, EXISTING SEWER SERVICE LATERAL CONNECTIONS, page 35, first par., second sentence, "install a 30"x6" main fitting" - please review the requirement for a 30" SDR-25 PVC x 6" SDR-26 PVC WYE.

Response: The IFB specification is revised to use SDR 26 PVC gasketed saddle connection w/ 316 stainless steel straps.

2. Reference Addendum 2, item 18 response for "Will specific material be required for bedding the pipe": Is it the intent for the Contractor to include one of these types of bedding materials in the price per foot of pipe, regardless if the trench has a dry and firm sand bottom, or will Note #1 on Detail UG-12, on plan sheet 21, govern when the use of these bedding materials is needed.

Response: No that is not the County's intent. It is the intent to clarify when installed sheeting is to be left in the ground. Yes, refer to Note #1 on Detail UG-12 and project Specifications.

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3. Reference Addendum 2, Section 01150, MEASUREMENT AND PAYMENT, Bid Item 5.0, PAVEMENT REPAIR AND ROAD RESTORATION, Bid Item 5.1: Is it the intent of Detail UG-12 on Plan Sheet 21 to install the asphalt patch over the pipe trench to the same level as the adjacent existing asphalt, or are we to leave the patch low and pave over it with 1-1/2" of overlay after the existing remaining asphalt has been milled? Also, what is the thickness of the asphalt patch over the pipe trench? If we are to put back the same thickness as existing, what is the existing thickness?

Response: Detail 401.6 Urban Industrial has been added on the attached revised Plan Sheet 23 to demonstrate the pavement requirements for the restoration. Without dictating means and methods, the restored roadway should, at a minimum, meet this typical roadway pavement section.

4. Reference Addendum 2, Bid Form items 5.1 and 5.2, the total surface area of these two items equals 12,046 SY. Plan Sheet 21 Detail UG-12 shows overlaying the entire width of the roadway including the pipe trench patch. If so, would milling equal 7,096 and overlay 12,046. Review quantities and adding bid items for the two items?

Response: The two bid items are represented by two separate hatchings. One is for the Base, Mill, & Resurfacing and the other Mill & Resurfacing. The Base, Mill, & Resurfacing is intended to represent the complete roadway restoration in the areas where the roadway has been completely removed to access the existing 30" DI pipe. The Mill & Resurface is intended to represent the area where the existing roadway will be milled 1" and replaced with 1" of new asphalt to provide a smooth transition between the old and new asphalt.

The County will not dictate means and methods, but it is the County's intent to have a uniform smooth roadway at the end of the project between the existing pavement and the new pavement.

5. Reference Addendum 2, Specifications Section 02618, PIPELINE CLEANING: Is "Pigging" gravity sewer pipelines required?

Response: Pigging is not required, unless flushing the main does not clear any accumulated debris from the newly installed main. The new gravity main will be required to be flushed and free of debris prior to testing and inspection.

6. Reference Addendum 2, Specifications Section 02623, POLYVINYL CHLORIDE (PVC) PIPE (GRAVITY SEWER), there is no reference in this specification to SDR-25 PVC pipe: Please provide a specification.

Response: Section 02623 is sufficient. The only aspect is a material change to SDR25, which is allowable under 2.02.B. The 30" PVC pipe shall conform to the AWWA C905 standards. All other aspects of Section 02623 shall be followed.

7. Reference Addendum 2, revised plan sheet 07 of 25 for installing 40LF of 10-inch PVC and the Bid Form quantity of 5LF: Please review.

Response: Bid Form quantity is revised.

8. Reference Addendum 2, revised plan sheets 07 through 13 for installing 75LF of new 8-inch PVC at new manholes and the Bid form quantity of 40LF: Please review.

Response: Bid Form quantity is revised.

9. Reference Addendum 2, revised plan sheet 13 for installing 20LF each of new 18-Inch and 24-inch pipe at manhole No. 1P and the Bid Form quantity of 5LF for each size: Please review.

Response: Bid Form quantity is revised.

10. Reference Addendum 2, revised Bid Form item 17, how long can this section of reclaimed water main be out of service?

Response: The County is in the process of contacting the reclaim users. Initial estimate is one week.

11. Why is the County requiring using SDR-25 PVC pipe for this application, when SDR-26, heavy wall sewer pipe and fittings are available?

Response: Manatee County Utilities, (who will be operating and maintaining the system after it is placed into service) is requiring the pipe to be installed in accordance to the Manatee County Public Works Utility Standard Section 7, 7.02.B.

12. Why is the bid item for "Record Drawings" not included in the TOTAL CONSTRUCTION SUBTOTAL COSTS?

Response: Bid Form item 19 includes Record.

13. If SDR-25 PVC pipe has to be the only way to go and if the SDR-25 PVC x SDR-26 PVC Wye fittings are available, will the County allow the use of 14'-0" long joints of SDR-25 PVC pipe, instead of 20'-0" lengths?

Response: 14 feet pipe lengths are acceptable.

14. The Summary of Work (Section 01010) is revised to enhance the work description.

August 18, 2015

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.

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **September 1, 2015 at 3:00 P.M.**

Sincerely,



Melissa M. Wendel, CPPO
Purchasing Official

/dcr

Attachments: Bid Form
Specification 01010 Summary of Work, item 1.01 (page 14 / 148)
Specification 01150 Measurement & Payment, item 11.0 (pgs 34 & 35)
Plan Sheets (as indicated below)

SUMMARY OF REVISIONS:

BID FORM:

Revised Quantities of Bid Items 10.2, 10.3, 10.4, 10.5.
Revised Bid Item 11.0

SPECIFICATION

Revised Section 01010 – Summary of Work, 1.01.A
Revised Section 01150 – Measurement & Payment, 1.07, Bid Item 11

PLANS:

Sheet 1: Revised Project Description
Sheets 7 thru 13: Revised Notes.
Sheet 23 of 25: Removed Detail 401.8 Local Urban Residential and replaced with 401.6 Urban Industrial.

BID FORM
51st STREET WEST GRAVITY SEWER REPLACEMENT
Bid "A" Based on Completion Time of 240 Calendar Days

BID ITEM NUMBER	DESCRIPTION	UNITS	QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1	Mobilization (not to exceed 5% of Contract subtotal cost, Items 2-17)	LS	1		
2	Maintenance of Traffic	LS	1		
3	Erosion Control Measures / BMP	LF	3,300		
4	Sodding	SY	3,070		
5	Pavement Repair & Road Restoration				
5.1	Base, Mill, & Resurface	SY	4,950		
5.2	Mill & Resurface	SY	7,096		
6	Driveway Restoration				
6.1	Concrete	SY	320		
6.2	Asphalt	SY	213		
7	CURB				
7.1	Type F	LF	96		
7.2	Type D	LF	1,987		
7.3	Miami	LF	367		
8	Concrete Sidewalk	SY	1,351		
9	Precast Concrete Manholes	EA	10		
10	PVC SANITARY SEWER MAIN				
10.1	30" PVC (SDR 25)	LF	3,228		
10.2	24" PVC (SDR 25)	LF	20		
10.3	18" PVC (SDR 25)	LF	20		
10.4	10" PVC (SDR 26)	LF	40		
10.5	8" PVC (SDR 26)	LF	75		
11	Sewer Service Lateral,Connections,Piping	EA	26		
11.1	Additional Lateral Footage over 10 LF	LF	510		
12	Bypass Pumping	LS	1		
13	Remove/Dispose Existing Sanitary Sewer Facilities	LF	3,228		
14	Remove/Dispose Existing Sanitary Manholes	EA	10		
15	STORM SEWER & INLETS				
15.1	Concrete Storm Structures	EA	4		
15.2	12" x 18" ERCP	LF	100		
15.3	Concrete Collar	EA	3		
16	Miscellaneous Work & Cleanup	LS	1		
17	6" Reclaimed Water Main, pvc	LF	617		
	TOTAL CONSTRUCTION SUBTOTAL COSTS				\$ -
18	Contract Contingency Work (Used only with County Approval)			10% of ABOVE TOTAL CONSTRUCTION COSTS	\$ -
19	Record Drawings	LS	1		
	TOTAL PRICE FOR BID "A" - Based on Completion Time of 240 Calendar Days				\$ -

Bidder Name: _____

Authorized Signature: _____

Bid Form - 2
Addendum 3

BID FORM

IFB#15-194/DC

**51st STREET WEST GRAVITY SEWER REPLACEMENT
Bid "B" Based on Completion Time of 330 Calendar Days**

BID ITEM NUMBER	DESCRIPTION	UNITS	QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1	Mobilization (not to exceed 5% of Contract subtotal cost, Items 2-17)	LS	1		
2	Maintenance of Traffic	LS	1		
3	Erosion Control Measures / BMP	LF	3,300		
4	Sodding	SY	3,070		
5	Pavement Repair & Road Restoration				
5.1	Base, Mill, & Resurface	SY	4,950		
5.2	Mill & Resurface	SY	7,096		
6	Driveway Restoration				
6.1	Concrete	SY	320		
6.2	Asphalt	SY	213		
7	CURB				
7.1	Type F	LF	96		
7.2	Type D	LF	1,987		
7.3	Miami	LF	367		
8	Concrete Sidewalk	SY	1,351		
9	Precast Concrete Manholes	EA	10		
10	PVC SANITARY SEWER MAIN				
10.1	30" PVC (SDR 25)	LF	3,228		
10.2	24" PVC (SDR 25)	LF	20		
10.3	18" PVC (SDR 25)	LF	20		
10.4	10" PVC (SDR 26)	LF	40		
10.5	8" PVC (SDR 26)	LF	75		
11	Sewer Service Lateral,Connections,Piping	EA	26		
11.1	Additional Lateral Footage over 10 LF	LF	510		
12	Bypass Pumping	LS	1		
13	Remove/Dispose Existing Sanitary Sewer Facilities	LF	3,228		
14	Remove/Dispose Existing Sanitary Manholes	EA	10		
15	STORM SEWER & INLETS				
15.1	Concrete Storm Structures	EA	4		
15.2	12" x 18" ERCP	LF	100		
15.3	Concrete Collar	EA	3		
16	Miscellaneous Work & Cleanup	LS	1		
17	6" Reclaimed Water Main, pvc	LF	617		
	TOTAL CONSTRUCTION SUBTOTAL COSTS				
18	Contract Contingency Work (Used only with County Approval)			10% of ABOVE TOTAL CONSTRUCTION COSTS	
19	Record Drawings	LS	1		
	TOTAL PRICE FOR BID "B" - Based on Completion Time of 330 Calendar Days				\$ -

Bidder Name: _____
Authorized Signature: _____

SECTION 01010 SUMMARY OF WORK

PART 1 GENERAL

1.01 WORK COVERED BY CONTRACT DOCUMENTS/REQUIREMENTS INCLUDED

- A. The work included in this contract consists of the replacement/construction of:
- New 30-inch PVC gravity sewer to replace an existing 30-inch ductile iron gravity sewer and replace 10 sanitary sewer manholes along 51st St W from 9th Ave W to 19th Ave W. Replacement shall include, but not limited to, existing sewer main, sewer lateral to right-of-way with cleanouts, reconnections to existing sewer laterals from parcels, asphalt pavement, base, subbase, curb, and driveway repairs.
- B. 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.
- C. 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.
- D. The Contractor shall furnish and install all materials, equipment and labor which is reasonably and properly inferable and necessary for the proper completion of the work, whether specifically indicated in the Contract Documents or not.

1.02 CONTRACTS

Construct all the Work under a single contract.

1.03 WORK SEQUENCE

- A. All work done under this Contract shall be done with a minimum of inconvenience to the users of the system or facility. The Contractor shall coordinate his work with private property owners such that existing utility services are maintained to all users to the maximum extent possible.
- B. The Contractor shall, if necessary and feasible, construct the work in stages to accommodate the County's use of the premises during the construction period; coordinate the construction schedule and operations with the County's Representative.
- C. The Contractor shall, where feasible, construct the Work in stages to provide for public convenience and not close off public use of any facility until completion of construction to provide alternative usage.

1.04 CONSTRUCTION AREAS

- A. The Contractor shall: Limit his use of the construction areas for work and for storage, to allow for:
1. Work by other Contractors.
 2. County's Use.
 3. Public Use.

BID ITEM 9.0 - PRECAST CONCRETE MANHOLE

Payment for work under this Bid Item shall be made at the Contract unit price bid for each manhole furnished and installed including frame and cover, construction of invert, all protective coatings, drop connections, sealing of lift holes, rainwater protector, etc., within these Specifications.

Measurement and payment shall be for each manhole installed complete and accepted. All stubs and plugs shown or called for on the Contract Drawings shall be included in the unit price bid for manholes. Excavation, including rock as necessary, bedding, backfill, dewatering, sheeting, testing and any and all other items necessary for a completed system in accordance with the Contract Documents shall be included.

Payment shall represent full compensation for all labor, materials, equipment and incidental items, and complete restoration of the roadway section in accordance with the applicable details on the Construction Drawings necessary to complete each concrete manhole structure, ready for approval and service by the County.

BID ITEM 10.0 - PVC SANITARY SEWER MAIN

Payment for all work included under this Bid Item shall be made at the applicable Contract unit price bid per linear foot for furnishing and installing the listed diameter sanitary sewer main at the depths shown on the Contract Drawings and designated on the Bid Form for the actual length installed within these Specifications.

Measurement for the installed length shall be measured horizontally from center to center of manholes.

Payment shall represent full compensation for all labor, excavation, including rock as necessary, dewatering, pipe, crushed stone bedding, materials, backfill, compaction, sheeting, testing and equipment, in accordance with the applicable details on the Construction Drawings. No additional compensation will be made by the County for excavation performed below the bottom of the pipe, for rock removal or materials or for repair of any trench settlement. Class of pipe to be as specified or as listed on the Bid Form.

BID ITEM	DESCRIPTION	UNITS
10.1	30" PVC SDR-25	LF
10.2	24" PVC SDR-25	LF
10.3	18" PVC SDR-25	LF
10.4	10" PVC SDR-26	LF
10.5	8" PVC SDR-26	LF

BID ITEM 11.0 - NEW SEWER SERVICE LATERAL CONNECTIONS & PIPING

Measurement shall be per each new sewer service lateral and per linear feet of service pipe over 10 feet.

Payment will be according to each sewer service furnished and installed and linear feet of service pipe installed to the right-of-way line. Length shall be measured along the centerline of installed pipe through fittings in place to the cleanout installed at the right-of-way. Additional payment shall be made for additional length over 10 feet at the bid price.

The unit bid price shall include, but is not limited to, all labor, equipment and materials to install a 30"x6" SDR26 PVC gasketed saddle with stainless steel straps, bends, fittings, cleanout, concrete encasements and pads as required, excavation, including dewatering, rock excavation, locating and connecting to all existing household sanitary sewer services, installing all pipe bends, fittings, adapters, seals, gaskets, bedding, backfilling, compaction and testing, ready for approval and acceptance by the County. No additional compensation shall be made for rock excavation, additional excavation required to locate existing sanitary sewer services or repair of trench settlement.

The new sewer lateral fittings shall be provided on the record drawings with station, offsets, and top of pipe elevations.

BID ITEM 12.0 - BYPASS PUMPING

Payment for all work included under this Bid Item shall be made at the Contract lump sum price bid listed in the Bid Form and shall represent full compensation for labor, materials, tools and equipment necessary for furnishing and installing pumps, the bypass pumping suction line piping, discharge line piping, and connections to distribution piping for all bypass pumping stages as shown in the Contract Drawings and specified herein.

The lump sum quantity measured for payment shall include, but not limited to, all pumps, vacuum trucks, pipe, fittings, valves, pipe supports in manholes, connection to existing pipe penetrating manhole wall, appurtenances for the suction and discharge lines, and all roadway/driveway crossing units, furnished and installed. Payment will be made at the contract unit price. This price shall be full compensation for the satisfactory completion of all work described herein and to provide complete and functional suction and discharge lines, and connections to distribution line.

BID ITEM 13.0 - REMOVE/DISPOSE EXISTING SANITARY SEWER FACILITIES

Payment will be made at the Contract unit price per linear foot of existing sewer main to be removed.

Measurements of the sewer main to be removed shall be to the nearest foot along the centerline including the lengths of fittings. Lineal footage measurement shall be horizontal. This item includes, but is not limited to sanitary sewer mains and fittings within the road rights of way (ROW), all associated appurtenances, backfilling, compaction, testing included with construction of replacement sewers. Payment shall represent full compensation for all labor, materials, necessary equipment, and incidentals necessary to complete the work, ready for approval and acceptance by the County.

BID ITEM 14.0 - REMOVE/DISPOSE EXISTING SANITARY MANHOLES

Payment will be made for removal and disposal of existing manholes at the contract unit price per manhole removed. This item includes, but is not limited to sanitary sewer manholes within the road rights of way (ROW), all associated appurtenances, backfilling, compaction, testing included with construction of replacement manholes.

Payment shall represent full compensation for all labor, materials, necessary equipment, and incidentals necessary to complete the work, ready for approval and acceptance by the County.