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May 24, 2016 – Regular Meeting

Category

B. CONSENT AGENDA

Sub-Category

Financial Management

Approval Path

FM (Purchasing-Melissa)

Subject

IFB 16-1035CD: Canal Road Water Main Replacement

Briefings

None

Contact and/or Presenter Information

Contact: Chris Daley, Financial Management Department, Purchasing Division, Ext. 3048.

Presenters: Michael Sturm, Project Engineer II, Ext. 7332, and Jeff Streitmatter, Public Works Department, Project Management Division, Ext 7335.

Action Requested

Award IFB 16-1035CD: Canal Road Water Main Replacement to the lowest, responsive, and responsible bidder, Spectrum Underground, Inc., Sarasota, FL, for a total of \$2,127,355.45 with 270 calendar days for completion.

Authorize the County Administrator, or his designee, to execute the Agreement and accept and date the Performance and Payment Bonds.

Enabling/Regulating Authority

Manatee County Code of Laws

Background Discussion

This project consists of furnishing all labor, materials, equipment and incidentals required for the replacement and abandonment of an existing 16 inch PVC water main with a new 16 inch ductile iron pipe (DIP) water main on Canal Road between Mendoza Road and US41 in Manatee County. The Work will take place within Manatee County and FDOT right-of-way, and shall consist of but not limited to:

- the existing water main shall be grouted and abandoned in place;
- new water main will include approximately 6,065 linear feet of 16 inch DIP water main by open cut;
- approximately 930 linear feet of 18 inch high density polyethylene (HDPE) water main by horizontal directional drill;
- approximately 170 linear feet of 16 inch DIP carrier pipe in a 30 inch steel casing by jack and bore;

- new water service connections to include relocation of existing residential water meters from private property to the road right-of-way;
- removal and disposal of unsuitable rock material;
- and other appurtenances as required by the specifications and plans.

As a result of formal, competitive sealed bid procedures from March 11, 2016 to April 18, 2016 a total of two (2) bidders submitted a sealed bid for consideration. Staff contacted potential bidders who attended the pre-bid informational conference to inquire why they chose not to submit a bid and were informed that their schedules would not permit them to perform the work. Please refer to the attached bid tabulation for the breakdown of the bids received.

On April 28, 2016, a memorandum was received from Public Works Department recommending award to Spectrum Underground, Inc., Sarasota, FL, for a total bid amount of \$2,127,355.45 with a 270 calendar day completion time.

County Attorney Review

Not Reviewed (No apparent legal issues)

Explanation of Other

Reviewing Attorney

N/A

Instructions to Board Records

Original to Board Records

Copies to:

Spectrum Underground, Inc., 1876-B Barber Road, suite 200, Sarasota, FL 34240
(hsunquist@spectrumunderground.com)

Debbie Marchbank (Debbie.marchbank@mymanatee.org), Public Works Department
(towanda.brinson@manateeclerk.com), Accounts Payable Finance Department
(chris.daley@mymanatee.org), Purchasing Division
Towanda Brinson, Chris Daley

Cost and Funds Source Account Number and Name

Utility Rates in account key 4046067370-534000/6067370-0004 (WtrMain:CanalRoadReplacement)

Amount and Frequency of Recurring Costs

N/A

Attachments: (list)



[16-1035CD Departmental Recommendation.pdf](#)



[16-1035CD Spectrum Underground Contract.pdf](#)



[16-1035CD tabulation.pdf](#)

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Chris Daley - ()
Role : Item Author

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TABULATION
IFB #16-1035CD- CANAL ROAD WATER MAIN REPLACEMENT

BID SUMMARY

ITEM NO.		DESCRIPTION	UNITS	QTY.	TOTAL BID PRICE	TOTAL BID PRICE	Woodruff & Sons, Inc. P.O. Box 10127 Bradenton, FL 34282
1		Bid "A" Based on Completion Time of 270 Calendar Days	LS	1	\$2,127,355.45	\$2,940,022.14	
2		Bid "B" Based on Completion Time of 330 Calendar Days	LS	1	\$2,127,355.45	\$2,755,963.87	
		Acknowledge Addendum #1			Yes	Yes	
		Acknowledge Addendum #2			Yes	Yes	
		Public Contracting & Environmental Crimes Certification			Yes	Yes	
		Bid Bond			Yes	Yes	

CRJ

Keyed By: Chris Daley-CPPQ, CPPB, Contract Specialist Date: 4/18/2016

Checked and Reviewed By: Steph M. E. Date: 4/21/16

Stephen MadEachern, PE, Starline Consulting
 Services- Engineer/ or Repet

Checked and Reviewed By: Michael J. Sturm Date: 4/21/16

Michael Sturm, PE- Project Manager

TABULATION
IFB #16-1035CD- CANAL ROAD WATER MAIN REPLACEMENT

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

ITEM NO.	ITEM DESCRIPTION	EST. QTY.	U/M	Spectrum Underground, Inc.		Woodruff & Sons, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	MOBILIZATION	1	LS	\$104,325.00	\$104,325.00	\$181,432.70	\$181,432.70
2	MAINTENANCE OF TRAFFIC	1	LS	\$14,500.00	\$14,500.00	\$118,580.23	\$118,580.23
3	EROSION CONTROL MEASURES/ BMP	7,100	LF	\$2.50	\$17,750.00	\$1.93	\$13,703.00
4	SODDING- RIGHTS OF WAY	4,900	SY	\$2.75	\$13,475.00	\$3.41	\$16,708.00
5	PAVEMENT REPAIR AND ROADWAY RESTORATION	1	LS	\$198,120.00	\$198,120.00	\$414,170.48	\$414,170.48
6	DUCTILE IRON WATER MAIN AND FITTINGS						
6.1	8" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	45	LF	\$110.20	\$4,959.00	\$102.75	\$4,623.75
6.2	8" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	130	LF	\$85.00	\$12,350.00	\$64.38	\$8,369.40
6.3	12" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	25	LF	\$145.15	\$3,628.75	\$107.61	\$2,690.25
6.4	16" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	6,070	LF	\$128.40	\$785,458.00	\$126.50	\$767,855.00
7	DIRECTIONAL BORE OF HDPE WATER MAIN						
7.1	18" HDPE (C905, DR-11) WATER MAIN	930	LF	\$172.50	\$160,425.00	\$242.42	\$225,450.60
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	\$585.00	\$101,150.00	\$745.91	\$126,804.70
9	GATE VALVES						
9.1	6" GATE VALVE	2	EA	\$1,362.00	\$2,724.00	\$1,519.29	\$3,038.58
9.2	8" GATE VALVE	5	EA	\$1,750.00	\$8,750.00	\$1,830.87	\$9,154.35
9.3	12" GATE VALVE	1	EA	\$2,625.00	\$2,625.00	\$3,466.18	\$3,466.18
9.4	16" GATE VALVE	8	EA	\$6,342.00	\$50,736.00	\$5,995.83	\$47,966.64
10	ABOVE GROUND AIR RELEASE VALVE	6	EA	\$4,828.00	\$27,774.00	\$4,710.75	\$28,264.50
11	2" BLOW OFF	4	EA	\$2,520.00	\$10,080.00	\$1,912.63	\$7,650.52
12	NEW FIRE HYDRANT ASSEMBLY	11	EA	\$7,065.00	\$77,715.00	\$5,532.81	\$60,860.91
13	CONNECTION TO EXISTING WATER MAINS						
13.1	6" CONNECTION TO EXISTING (Ø52ND)	1	EA	\$2,842.00	\$2,842.00	\$4,223.37	\$4,223.37
13.2A	8" CONNECTION TO EXISTING (Ø45TH)	1	EA	\$3,052.00	\$3,052.00	\$3,591.58	\$3,591.58

TABULATION
IFB #16-1035CD- CANAL ROAD WATER MAIN REPLACEMENT

ITEM NO.	ITEM DESCRIPTION	EST. QTY.	U/M	Spectrum Underground, Inc.		Woodruff & Sons, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
13.2B	8" CONNECTION TO EXISTING (@\$3RD)	1	EA	\$3,472.00	\$3,472.00	\$4,880.80	\$4,880.80
13.3	16" CONNECTION TO EXISTING (@ US41)	1	EA	\$4,580.00	\$4,580.00	\$14,122.67	\$14,122.67
13.4	20" CONNECTION TO EXISTING WATER MAIN (@\$37TH)	1	EA	\$5,980.00	\$5,980.00	\$27,848.78	\$27,848.78
14	WATER SERVICE CONNECTION						
14.1	INVESTIGATION OF UNCONFIRMED WATER SERVICES	1	LS	\$4,580.00	\$4,580.00	\$9,107.64	\$9,107.64
14.2	WATER SERVICE CONNECTION IN ROAD RIGHT-OF-WAY	26	EA	\$1,837.50	\$47,775.00	\$2,278.43	\$59,239.18
14.3	WATER SERVICE CONNECTION OUTSIDE OF ROAD RIGHT-OF-WAY (INCLUDES RELOCATED METER ASSEMBLY AT ROAD RIGHT OF WAY)	10	EA	\$2,150.00	\$21,500.00	\$2,803.12	\$28,031.20
15	FLOWABLE FILL FOR PIPE ABANDONMENT						
15.1	FLOWABLE FILL FOR PIPE ABANDONMENT	270	CY	\$299.50	\$80,865.00	\$642.48	\$173,469.60
15.2	REMOVAL OF EXISTING 10" HDPE WATER MAIN FROM 16" HDPE CASING AND GROUTING WITH FLOWABLE FILL (US41 CROSSING)	1	LS	\$8,085.00	\$8,085.00	\$22,570.74	\$22,570.74
16	UNSUITABLE MATERIAL (ROCK) REMOVAL AND DISPOSAL	4,715	CY	\$18.25	\$80,763.75	\$41.71	\$198,682.65
17	SELECT FILL MATERIAL	4,340	CY	\$14.50	\$62,930.00	\$20.14	\$87,407.60
	TOTAL BASE BID "A" - Based on Completion Time of 210 Calendar Days				\$1,833,858.50		\$2,672,747.40
18	CONTRACT CONTINGENCY WORK (USED ONLY WITH COUNTY APPROVAL)	10% OF TOTAL BASE BID			\$193,385.95		\$267,274.74
	TOTAL OFFER FOR BID "A" with Contract Contingency - Based on Completion Time of 270 Calendar Days				\$2,127,355.45		\$2,940,022.14

TABULATION
IFB #16-1036CD- CANAL ROAD WATER MAIN REPLACEMENT

ITEM NO.	ITEM DESCRIPTION	EST. QTY.	U/M	Spectrum Underground, Inc.		Woodruff & Sons, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
						1878-B Barber Road, #200 Sarasota, FL 34240	P.O. Box 10127 Bradenton, FL 34282
1	MOBILIZATION	1	LS	\$104,325.00	\$104,325.00	\$174,850.38	\$174,850.38
2	MAINTENANCE OF TRAFFIC	1	LS	\$14,500.00	\$14,500.00	\$112,847.13	\$112,847.13
3	EROSION CONTROL MEASURES/ BMP	7,100	LF	\$2.50	\$17,750.00	\$1.81	\$12,851.00
4	SODDING- RIGHTS OF WAY	4,900	SY	\$2.75	\$13,475.00	\$3.22	\$15,778.00
5	PAVEMENT REPAIR AND ROADWAY RESTORATION	1	LS	\$198,120.00	\$198,120.00	\$388,888.40	\$388,888.40
6	DUCTILE IRON WATER MAIN AND FITTINGS						
6.1	6" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	45	LF	\$110.20	\$4,959.00	\$85.43	\$4,294.35
6.2	8" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	130	LF	\$85.00	\$12,350.00	\$60.08	\$7,811.70
6.3	12" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	25	LF	\$146.15	\$3,628.75	\$100.78	\$2,519.50
6.4	16" DIP (C150 & C151, PRESSURE CLASS 350) WATER MAIN	8,070	LF	\$129.40	\$785,458.00	\$118.26	\$717,838.20
7	DIRECTIONAL BORE OF HDPE WATER MAIN						
7.1	18" HDPE (C806, DR-11) WATER MAIN	930	LF	\$172.50	\$180,425.00	\$231.06	\$214,885.80
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	\$595.00	\$101,150.00	\$708.11	\$120,548.70
9	GATE VALVES						
9.1	8" GATE VALVE	2	EA	\$1,352.00	\$2,724.00	\$1,428.41	\$2,856.82
9.2	8" GATE VALVE	5	EA	\$1,780.00	\$8,750.00	\$1,726.45	\$8,632.25
9.3	12" GATE VALVE	1	EA	\$2,825.00	\$2,825.00	\$3,274.43	\$3,274.43
9.4	16" GATE VALVE	8	EA	\$6,342.00	\$50,736.00	\$5,888.38	\$46,586.04
10	ABOVE GROUND AIR RELEASE VALVE	6	EA	\$4,829.00	\$27,774.00	\$4,423.41	\$26,540.46
11	2" BLOW OFF	4	EA	\$2,520.00	\$10,080.00	\$1,784.88	\$7,059.52
12	NEW FIRE HYDRANT ASSEMBLY	11	EA	\$7,085.00	\$77,715.00	\$5,223.50	\$57,458.50
13	CONNECTION TO EXISTING WATER MAINS						
13.1	6" CONNECTION TO EXISTING (@62ND)	1	EA	\$2,842.00	\$2,842.00	\$3,888.59	\$3,888.59
13.2A	8" CONNECTION TO EXISTING (@49TH)	1	EA	\$3,052.00	\$3,052.00	\$3,318.88	\$3,318.88

TABULATION
IFB #16-1035CD-CANAL ROAD WATER MAIN REPLACEMENT

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

ITEM NO.	ITEM DESCRIPTION	EST. QTY.	U/M	Spectrum Underground, Inc.		Woodruff & Sons, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
13.2B	8" CONNECTION TO EXISTING (@53RD)	1	EA	\$3,472.00	\$3,472.00	\$4,517.28	\$4,517.28
13.3	16" CONNECTION TO EXISTING (@ US41)	1	EA	\$4,580.00	\$4,580.00	\$12,891.15	\$12,891.15
13.4	20" CONNECTION TO EXISTING WATER MAIN (@37TH)	1	EA	\$5,980.00	\$5,980.00	\$25,493.59	\$25,493.59
14	WATER SERVICE CONNECTION						
14.1	INVESTIGATION OF UNCONFIRMED WATER SERVICES	1	LS	\$4,590.00	\$4,590.00	\$8,434.84	\$8,434.84
14.2	WATER SERVICE CONNECTION IN ROAD RIGHT-OF-WAY	26	EA	\$1,637.50	\$47,775.00	\$2,132.25	\$55,438.50
14.3	WATER SERVICE CONNECTION OUTSIDE OF ROAD RIGHT-OF-WAY (INCLUDES RELOCATED METER ASSEMBLY AT ROAD RIGHT OF WAY)	10	EA	\$2,150.00	\$21,500.00	\$2,640.22	\$26,402.20
15	FLOWABLE FILL FOR PIPE ABANDONMENT						
15.1	FLOWABLE FILL FOR PIPE ABANDONMENT	270	CY	\$289.50	\$80,865.00	\$598.55	\$161,608.50
15.2	REMOVAL OF EXISTING 10" HDPE WATER MAIN FROM 16" HDPE CASING AND GROUTING WITH FLOWABLE FILL (US41 CROSSING)	1	LS	\$8,085.00	\$8,085.00	\$20,788.55	\$20,788.55
16	UNSUITABLE MATERIAL (ROCK) REMOVAL AND DISPOSAL	4,715	CY	\$19.25	\$90,763.75	\$37.30	\$175,868.50
17	SELECT FILL MATERIAL	4,340	CY	\$14.50	\$62,930.00	\$19.00	\$82,460.00
	TOTAL BASE BID "B" - Based on Completion Time of 330 Calendar Days				\$1,933,859.50		\$2,505,421.52
18	CONTRACT CONTINGENCY WORK (USED ONLY WITH COUNTY APPROVAL)	10% OF TOTAL BASE BID			\$193,385.95		\$250,542.15
	TOTAL OFFER FOR BID "B" with Contract Contingency - Based on Completion Time of 330 Calendar Days				\$2,127,365.45		\$2,755,963.67