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Agenda

April 25, 2017 - Regular Meeting

Category

B. CONSENT AGENDA

Sub-Category

Financial Management

Approval Path

FM (Purchasing-Melissa)

Subject

Invitation For Bid (IFB) 17-0772GC, Force Main 5 Replacement

Briefings

None

Contact and/or Presenter Information

Contact : Gina Collins, Procurement Division, Financial Management Department, Ext. 3045

Presenter: Jennifer Fehrs, Project Engineer, Ext. 7236, and Jeff Streitmatter, Project Management Division, Public Works Department, Ext. 7335

Action Requested

Authorization to award IFB 17-0772GC, Force Main 5 Replacement, to the lowest, responsive, and responsible bidder, Westra Construction Corp., for a total of \$7,427,550.03 with 730 calendar days for completion.

Authorize the County Administrator, or designee, to execute the Agreement and accept and date the public construction bond.

Adopt Budget Resolution B-17-045.

Enabling/Regulating Authority

Manatee County Code of Laws

Background Discussion

The work included in this contract consists of, but is not limited to, construction associated with the replacement of Force Main 5 and the associated force mains, water mains, and services shown on the plans, including modifications to existing lift station piping and connections to the existing pipelines.

Formal competitive sealed bid procedures resulted in a total of four (4) bidders submitting a sealed bid for consideration. Please refer to the attached bid tabulation for the breakdown of the bids received.

On April 11, 2017, a memorandum was received from the Public Works Department recommending award to Westra Construction Corp. of Palmetto, Florida, for a total bid amount of \$7,427,550.03 based on a 730 calendar day completion time.

Budget Resolution B-17-045 transfers funds from reserves in the Utilities 2010C Revenue Improvement Bond fund and the Water Sewer Capital Improvement fund based on the selected bid for the construction costs of the Anna Maria Force Main 5 and related Utility water projects associated with the award of IFB 17-0772GC.

County Attorney Review

Not Reviewed (Utilizes exact document or procedure approved within the last 18 months)

Explanation of Other

Reviewing Attorney

N/A

Instructions to Board Records

Original to Board Records

Email copy to:

mike@westraconst.com, Contractor
Gina Collins gina.collins@mymanatee.org
Jennifer Fehrs jennifer.fehrs@mymanatee.org
Jeff Streitmatter jeff.streitmatter@mymanatee.org

Cost and Funds Source Account Number and Name


Utility Rates: 4166041585-534000 / 6041585-0004

Amount and Frequency of Recurring Costs

N/A

Attachments: (list)


[17-0772GC Department Recommendation.pdf](#)


[17-0772GC Tabulations Bid A and B, FM 5 Replacement.pdf](#)


[17-0772GC Westra Construction Corp. Contract.pdf](#)


[17-0772GC Resolution B-17-045.pdf](#)

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Gina Collins - (Contract Specialist)
Role : Item Author

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Version: 1.2.1.3 - 1.2.7.5

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**FORCE MAIN 5 REPLACEMENT
IFB #17-077GC**

ITEM	DESCRIPTION	QUANTITY	1		2		3		4	
			UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE
I. PRE-CONSTRUCTION										
1	Mobilization (10%)	1	LS	\$880,000.00	\$880,000.00	\$345,000.00	\$500,000.00	\$500,000.00	\$461,260.97	\$461,260.97
2	Maintenance of Traffic	1	LS	\$1,500,000.00	\$1,500,000.00	\$105,000.00	\$164,000.00	\$164,000.00	\$74,061.29	\$74,061.29
3	Preconstruction Video	1	LS	\$5,000.00	\$5,000.00	\$6,800.00	\$2,900.00	\$2,900.00	\$2,932.51	\$2,932.51
4	Erosion and Sediment Control	1	LS	\$7,000.00	\$7,000.00	\$42,000.00	\$26,300.00	\$26,300.00	\$66,087.94	\$66,087.94
5	Clearing and Grubbing	1	LS	\$10,000.00	\$10,000.00	\$2,000.00	\$19,500.00	\$19,500.00	\$48,008.70	\$48,008.70
6	Misc-Clean up, Record Drawings, Demolition and Project Close-out	1	LS	\$50,000.00	\$50,000.00	\$48,000.00	\$557,000.00	\$557,000.00	\$206,719.94	\$206,719.94
				SUBTOTAL:	\$2,452,000.00	\$548,800.00	\$1,269,700.00	\$1,269,700.00	\$459,073.35	\$459,073.35
II. PROPOSED IMPROVEMENTS										
FORCE MAIN 5										
7	18" DR 18 PVC Pipe (Open-Cut)	2,200	LF	\$175.00	\$385,000.00	\$200.00	\$440,000.00	\$110.00	\$242,000.00	\$180.70
8	16" DR 18 PVC Pipe (Open-Cut)	7,720	LF	\$155.00	\$1,196,600.00	\$110.50	\$853,060.00	\$104.00	\$802,880.00	\$98.46
9	6" DR 18 PVC Pipe (Open-Cut)	24	LF	\$100.00	\$2,400.00	\$38.00	\$1,392.00	\$60.00	\$1,440.00	\$76.61
10	24" DR 11 HDPE Pipe (HDD)	2,400	LF	\$350.00	\$840,000.00	\$295.00	\$708,000.00	\$329.50	\$790,800.00	\$496.06
11	18" DR 11 HDPE Pipe (HDD)	1,100	LF	\$260.00	\$286,000.00	\$172.60	\$189,200.00	\$214.00	\$235,400.00	\$387.42
12	24" DI Fitting - 11.25 deg	2	EA	\$1,800.00	\$3,600.00	\$4,590.00	\$8,780.00	\$3,350.00	\$6,700.00	\$5,176.46
13	24" x 18" DI Fitting - Reducer	2	EA	\$3,500.00	\$7,000.00	\$12,000.00	\$4,495.00	\$4,995.00	\$8,990.00	\$2,351.22
14	20" x 18" DI Fitting - Reducer	1	EA	\$1,600.00	\$1,600.00	\$3,565.00	\$6,300.00	\$3,033.00	\$5,023.00	\$2,054.30
15	18" DI Fitting - 90 deg	1	EA	\$1,700.00	\$1,700.00	\$6,300.00	\$6,300.00	\$2,835.00	\$2,835.00	\$2,121.60
16	18" DI Fitting - 45 deg	4	EA	\$1,500.00	\$6,000.00	\$6,080.00	\$24,320.00	\$2,645.00	\$10,580.00	\$1,902.66
17	18" DI Fitting - 22.5 deg	6	EA	\$1,300.00	\$7,800.00	\$6,075.00	\$36,450.00	\$2,640.00	\$15,840.00	\$1,899.15
18	18" x 16" DI Fitting - Reducer	4	EA	\$1,400.00	\$5,600.00	\$22,600.00	\$22,600.00	\$2,568.00	\$10,272.00	\$1,896.52
19	18" x 8" DI Fitting - Tee	1	EA	\$2,000.00	\$2,000.00	\$7,600.00	\$7,600.00	\$3,104.00	\$3,104.00	\$2,207.70
20	16" DI Fitting - 90 deg	3	EA	\$1,700.00	\$5,100.00	\$4,078.00	\$12,234.00	\$2,584.00	\$7,752.00	\$6,002.19
21	16" DI Fitting - 45 deg	39	EA	\$1,300.00	\$50,700.00	\$4,000.00	\$154,050.00	\$2,445.00	\$95,335.00	\$1,894.25
22	16" DI Fitting - 22.5 deg	1	EA	\$1,300.00	\$1,300.00	\$4,000.00	\$4,000.00	\$2,426.00	\$2,426.00	\$1,880.26
23	16" DI Fitting - 11.25 deg	1	EA	\$1,200.00	\$1,200.00	\$4,000.00	\$4,000.00	\$2,451.00	\$2,451.00	\$1,899.31
24	16" x 6" DI Fitting - Tee	1	EA	\$1,700.00	\$1,700.00	\$6,600.00	\$6,600.00	\$3,068.00	\$3,068.00	\$2,582.02
25	6" DI Fitting - 90 deg	1	EA	\$500.00	\$500.00	\$825.00	\$825.00	\$475.00	\$475.00	\$574.98
26	18" Plug Valve	3	EA	\$8,000.00	\$24,000.00	\$16,150.00	\$48,450.00	\$9,219.00	\$24,657.00	\$6,986.43
27	16" Plug Valve	8	EA	\$5,000.00	\$40,000.00	\$12,900.00	\$103,200.00	\$6,642.00	\$53,136.00	\$6,273.34
28	6" Plug Valve	1	EA	\$2,000.00	\$2,000.00	\$2,800.00	\$2,800.00	\$1,980.00	\$1,980.00	\$2,865.48
29	2" ARV	7	EA	\$2,700.00	\$18,900.00	\$4,800.00	\$33,600.00	\$3,029.00	\$33,203.00	\$5,606.72
30	Big Port Launching/Receiving Station Assembly	1	LS	\$92,496.00	\$92,496.00	\$74,400.00	\$74,400.00	\$59,672.00	\$59,672.00	\$77,990.05
31	Connections To Existing Force Mains	1	LS	\$8,000.00	\$8,000.00	\$32,500.00	\$32,500.00	\$180,000.00	\$180,000.00	\$95,852.11
32	Mag Meter Assembly	1	LS	\$50,000.00	\$50,000.00	\$65,000.00	\$116,465.00	\$116,465.00	\$82,146.22	\$82,146.22
33	Grout Fill Abandoned Existing Pipelines	870	CY	\$100.00	\$87,000.00	\$237.00	\$206,190.00	\$264.00	\$229,680.00	\$377.66
34	Soil Subgrade	12,650	CY	\$5.00	\$63,250.00	\$9.50	\$66,325.00	\$2.15	\$27,197.50	\$12.79
35	Crushed Concrete Base	2,875	SY	\$40.00	\$115,000.00	\$29.00	\$83,375.00	\$29.25	\$84,093.75	\$79,263.75
36	Structural Course Asphalt Base - SP 12.5	1,120	TN	\$180.00	\$201,600.00	\$211.00	\$236,320.00	\$151.00	\$240,800.00	\$307.05
37	Friction Course Overlay - FC 12.5	1,110	TN	\$200.00	\$222,000.00	\$252.00	\$279,720.00	\$193.00	\$214,230.00	\$162.15
38	Milling	9,025	SY	\$5.00	\$45,125.00	\$5.60	\$50,540.00	\$5.65	\$50,991.25	\$7.82
39	Sidewalk Repair	167	SY	\$80.00	\$13,360.00	\$95.00	\$15,865.00	\$73.00	\$12,191.00	\$80.90
40	Concrete Driveway Repair	577	SY	\$90.00	\$51,930.00	\$104.00	\$59,928.00	\$89.75	\$49,990.75	\$94.40
41										
42										

**FORCE MAIN 5 REPLACEMENT
IFB #17-077GC**

ITEM	DESCRIPTION	QUANTITY	1		2		3		4	
			UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE
Metro Equipment Service Inc. 9415 SW 72 Street Suite 123 Miami, FL 33173			Popriech Contracting Inc 201 South Apopka Avenue Innerness, FL 34452		Westra Construction Corp P O Box 1149 Palmetto, FL 34221		Woodruff & Sons Inc P O Box 10127 Bradenton, FL 34282-0127			
43	Asphalt Driveway Repair	301 SY	\$55.00	\$16,555.00	\$77.00	\$23,177.00	\$85.00	\$25,585.00	\$87.60	\$26,367.60
44	Brick Driveway Repair	841 SY	\$180.00	\$151,200.00	\$130.00	\$109,380.00	\$80.00	\$67,280.00	\$67.66	\$56,902.06
45	Shell Driveway Repair	1,723 SY	\$25.00	\$43,075.00	\$40.00	\$68,920.00	\$17.75	\$30,583.25	\$28.07	\$48,364.61
46	Sodding	7,434 SY	\$5.00	\$37,170.00	\$4.00	\$29,736.00	\$2.90	\$21,558.60	\$3.65	\$27,134.10
47	Palm Tree Removal and Replacement	25 EA	\$7,000.00	\$175,000.00	\$7,260.00	\$181,500.00	\$1,600.00	\$40,000.00	\$5,348.94	\$133,723.50
48	Oak Tree Removal and Replacement	1 EA	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$5,500.01	\$5,500.01
49	Landscape Restoration	1 LS	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00	\$30,290.00	\$30,290.00	\$11,000.02	\$11,000.02
50	Lift Station Header Piping Modifications	1 LS	\$50,000.00	\$50,000.00	\$130,000.00	\$130,000.00	\$237,000.00	\$237,000.00	\$494,628.26	\$494,628.26
FORCE MAIN 3C			\$4,066,761.00	\$4,433,652.00	\$4,066,761.00	\$4,433,652.00	\$4,066,761.00	\$4,433,652.00	\$4,066,761.00	\$4,433,652.00
51	6" DR 18 PVC Pipe (Open-Cut)	600 LF	\$70.00	\$42,000.00	\$48.00	\$28,800.00	\$58.50	\$35,100.00	\$55.45	\$33,270.00
52	6" DR 11 HDPE Pipe (HDD)	1,320 LF	\$60.00	\$79,200.00	\$77.25	\$102,030.00	\$56.00	\$74,160.00	\$91.29	\$120,562.80
53	6" DI Fitting - 90 deg	3 EA	\$300.00	\$900.00	\$275.00	\$825.00	\$482.00	\$1,446.00	\$390.57	\$1,171.71
54	6" DI Fitting - 45 deg	11 EA	\$300.00	\$3,300.00	\$282.00	\$3,102.00	\$465.00	\$4,117.50	\$382.39	\$4,206.29
55	6" DI Fitting - 22.5 deg	1 EA	\$808.00	\$808.00	\$808.00	\$808.00	\$458.00	\$458.00	\$373.55	\$373.55
56	6" DI Fitting - 11.25 deg	5 EA	\$930.00	\$4,650.00	\$930.00	\$4,650.00	\$461.00	\$2,305.00	\$379.17	\$1,895.85
57	6" Plug Valve	3 EA	\$4,200.00	\$12,600.00	\$2,450.00	\$7,350.00	\$6,705.00	\$20,115.00	\$2,473.84	\$7,421.52
58	1" ARV	4 EA	\$1,500.00	\$6,000.00	\$3,200.00	\$12,800.00	\$2,741.60	\$10,966.40	\$6,579.40	\$26,317.60
59	Connection To Existing 6" Force Main	1 LS	\$5,000.00	\$5,000.00	\$860.00	\$860.00	\$3,630.00	\$3,630.00	\$13,555.07	\$13,555.07
60	Connection To Manhole	1 EA	\$4,000.00	\$4,000.00	\$1,600.00	\$1,600.00	\$3,840.00	\$3,840.00	\$39,678.93	\$39,678.93
61	Grout Fill Abandoned Existing Pipelines	5 CY	\$250.00	\$1,250.00	\$350.00	\$1,750.00	\$777.50	\$3,887.50	\$2,887.50	\$19,956.95
62	Soil Subgrade	246 CY	\$5.00	\$1,230.00	\$3.50	\$861.00	\$2.15	\$528.90	\$15.39	\$3,785.94
63	Crushed Concrete Base	90 SY	\$50.00	\$4,500.00	\$29.25	\$2,632.50	\$23.64	\$2,127.60	\$23.64	\$2,127.60
64	Structural Course Asphalt Base - SP 12.5	10 TN	\$300.00	\$3,000.00	\$210.50	\$2,105.00	\$215.00	\$2,150.00	\$931.50	\$9,315.00
65	Friction Course Overlay - FC 12.5	29 TN	\$300.00	\$8,700.00	\$300.00	\$8,700.00	\$193.00	\$5,597.00	\$397.90	\$11,539.10
66	Milling	240 SY	\$6.00	\$1,440.00	\$26.00	\$6,240.00	\$5.65	\$1,356.00	\$47.72	\$11,452.80
67	Sidewalk Repair	208 SY	\$80.00	\$16,640.00	\$89.00	\$18,512.00	\$73.00	\$15,184.00	\$80.09	\$16,638.72
68	Concrete Driveway Repair	43 SY	\$90.00	\$3,870.00	\$103.00	\$4,429.00	\$89.75	\$3,859.25	\$109.21	\$4,696.63
69	Back Driveway Repair	2 SY	\$150.00	\$300.00	\$220.00	\$440.00	\$80.00	\$160.00	\$388.39	\$776.78
70	Shell Driveway	96 SY	\$40.00	\$3,840.00	\$40.00	\$3,840.00	\$17.75	\$1,704.00	\$27.65	\$2,654.40
71	Sodding	318 SY	\$7.00	\$2,226.00	\$4.00	\$1,272.00	\$2.90	\$922.20	\$94.28	\$29,914.28
72	Palm Tree Removal and Replacement	6 EA	\$1,900.00	\$11,400.00	\$7,260.00	\$43,560.00	\$650.00	\$3,900.00	\$3,950.33	\$23,701.98
73	Landscape Restoration	1 LS	\$2,000.00	\$2,000.00	\$30,000.00	\$30,000.00	\$9,500.00	\$9,500.00	\$3,850.01	\$3,850.01
IMPERIAL HOUSE FORCE MAIN			\$218,796.00	\$218,796.00	\$218,796.00	\$218,796.00	\$218,796.00	\$218,796.00	\$218,796.00	\$218,796.00
74	4" DR 18 PVC Pipe (Open-Cut)	700 LF	\$60.00	\$42,000.00	\$49.00	\$34,300.00	\$46.25	\$32,375.00	\$45.32	\$31,724.00
75	4" DR 11 HDPE Pipe (HDD)	260 LF	\$50.00	\$13,000.00	\$53.60	\$13,941.60	\$49.00	\$12,740.00	\$95.70	\$25,922.00
76	8"x4" DI Fitting - Reducer	1 EA	\$370.00	\$370.00	\$806.00	\$806.00	\$495.00	\$495.00	\$481.82	\$481.82
77	4" DI Fitting - 45 deg	15 EA	\$250.00	\$3,750.00	\$250.00	\$3,750.00	\$365.00	\$5,475.00	\$383.81	\$5,757.15
78	4" DI Fitting - 22.5 deg	2 EA	\$240.00	\$480.00	\$240.00	\$480.00	\$365.00	\$730.00	\$382.61	\$765.22
79	4" DI Fitting - 11.25 deg	2 EA	\$230.00	\$460.00	\$600.00	\$1,200.00	\$360.00	\$720.00	\$380.60	\$761.20
80	4" Plug Valve	1 EA	\$1,200.00	\$1,200.00	\$1,950.00	\$1,950.00	\$1,702.00	\$1,702.00	\$2,171.36	\$2,171.36
81	1" ARV	1 EA	\$2,000.00	\$2,000.00	\$3,165.00	\$3,165.00	\$2,715.00	\$2,715.00	\$7,558.61	\$7,558.61
82	Connections To Existing 4" Force Mains	1 LS	\$4,000.00	\$4,000.00	\$19,000.00	\$19,000.00	\$2,455.00	\$2,455.00	\$13,436.94	\$13,436.94
83	Connection To Manhole	1 EA	\$4,500.00	\$4,500.00	\$1,600.00	\$1,600.00	\$3,840.00	\$3,840.00	\$29,419.32	\$29,419.32
84	Soil Subgrade	575 CY	\$5.00	\$2,875.00	\$5.00	\$2,875.00	\$2.15	\$1,236.25	\$15.39	\$8,849.25
85	Crushed Concrete Base	274 SY	\$30.00	\$8,220.00	\$29.25	\$8,014.50	\$29.25	\$8,014.50	\$20.04	\$5,490.96

**FORCE MAIN 5 REPLACEMENT
IFB #17-077GC**

ITEM	DESCRIPTION	QUANTITY	1		2		3		4		
			UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	
<p align="center">BID "A" - 750 CALENDAR DAYS</p>											
			<p>Metro Equipment Services Inc 9415 SW 72 Street Suite 123 Miami, FL 33173</p>		<p>Postpich Contracting Inc 201 South Apopka Avenue Inverness, FL 34462</p>		<p>Westra Construction Corp P O Box 1149 Palmetto, FL 34221</p>		<p>Woodruff & Sons, Inc P O Box 10127 Bradenton, FL 34202-0127</p>		
86	Structural Course Asphalt Base - SP 12.5	29	TN	\$2,000.00	\$5,800.00	\$211.00	\$6,119.00	\$215.00	\$6,235.00	\$385.25	\$11,172.25
87	Friction Course Overlay - FC 12.5	125	TN	\$180.00	\$25,000.00	\$215.00	\$29,375.00	\$193.00	\$24,125.00	\$202.40	\$25,300.00
88	Milling	1,095	SY	\$4.00	\$4,380.00	\$7.00	\$7,665.00	\$5.65	\$6,186.75	\$13.23	\$14,486.85
89	Sidewalk Repair	4	SY	\$90.00	\$360.00	\$123.00	\$492.00	\$73.00	\$292.00	\$3,180.01	\$12,720.04
90	Sodding	774	SY	\$7.00	\$5,418.00	\$4.00	\$3,096.00	\$2.90	\$2,244.60	\$2.96	\$2,291.04
91	Landscape Restoration	1	LS	\$2,000.00	\$2,000.00	\$33,000.00	\$33,000.00	\$3,350.00	\$3,350.00	\$3,850.01	\$3,850.01
92	Lift Station Rehabilitation	1	LS	\$100,000.00	\$100,000.00	\$70,500.00	\$70,500.00	\$80,500.00	\$80,500.00	\$87,629.84	\$87,629.84
				SUBTOTAL	\$228,792.00	\$244,925.50	\$195,431.10	\$195,431.10	\$195,431.10	\$229,787.66	\$229,787.66
<p align="center">SOUTHERN WATER MAIN IMPROVEMENTS</p>											
93	16" Class 350 DI Pipe (Open-Cut)	1,440	LF	\$200.00	\$288,000.00	\$138.50	\$199,440.00	\$157.00	\$226,080.00	\$130.83	\$188,395.20
94	6" Class 350 DI Pipe (Open-Cut)	380	LF	\$80.00	\$30,400.00	\$60.00	\$22,800.00	\$51.50	\$19,570.00	\$74.59	\$28,344.20
95	4" DR 18 PVC Pipe (Open-Cut)	15	LF	\$65.00	\$975.00	\$43.00	\$645.00	\$17.25	\$258.75	\$422.78	\$6,341.70
96	6" DR 11 HDPE Pipe (Open-Cut)	1,050	LF	\$45.00	\$47,250.00	\$57.00	\$60,150.00	\$63.50	\$66,675.00	\$107.98	\$113,379.00
97	16" DI Fitting - 90 deg	2	EA	\$1,000.00	\$2,000.00	\$4,050.00	\$8,100.00	\$1,380.00	\$2,760.00	\$1,472.21	\$2,944.42
98	16" DI Fitting - 45 deg	4	EA	\$900.00	\$3,600.00	\$4,000.00	\$16,000.00	\$1,250.00	\$5,000.00	\$1,371.71	\$5,486.84
99	16" DI Fitting - Cross	1	EA	\$2,200.00	\$2,200.00	\$8,300.00	\$8,300.00	\$2,975.00	\$2,975.00	\$2,919.75	\$2,919.75
100	16" x 6" DI Fitting - Tee	1	EA	\$1,000.00	\$1,000.00	\$5,300.00	\$5,300.00	\$1,610.00	\$1,610.00	\$1,638.90	\$1,638.90
101	16" x 6" DI Fitting - Cross	2	EA	\$2,000.00	\$4,000.00	\$7,450.00	\$14,900.00	\$1,897.60	\$3,795.20	\$3,729.38	\$7,458.76
102	16" x 6" DI Fitting - Reducer	2	EA	\$2,000.00	\$4,000.00	\$3,725.00	\$7,450.00	\$1,002.00	\$2,004.00	\$1,032.64	\$2,065.28
103	6" DI Fitting - 45 deg	20	EA	\$300.00	\$6,000.00	\$622.00	\$12,440.00	\$322.00	\$6,440.00	\$369.76	\$7,395.20
104	6" DI Fitting - 11.25 deg	1	EA	\$250.00	\$250.00	\$840.00	\$840.00	\$329.00	\$329.00	\$367.71	\$367.71
105	6" x 4" DI Fitting - Tee	1	EA	\$300.00	\$300.00	\$1,080.00	\$1,080.00	\$418.00	\$418.00	\$513.39	\$513.39
106	4" DI Fitting - 45 deg	2	EA	\$200.00	\$400.00	\$540.00	\$1,080.00	\$230.00	\$460.00	\$324.43	\$648.86
107	16" Bureddy Valve	7	EA	\$4,000.00	\$28,000.00	\$7,900.00	\$55,300.00	\$4,715.00	\$33,005.00	\$4,929.75	\$34,508.25
108	6" Gate Valve	8	EA	\$1,500.00	\$12,000.00	\$2,000.00	\$16,000.00	\$1,940.00	\$15,520.00	\$1,926.53	\$15,412.24
109	4" Gate Valve	1	EA	\$1,000.00	\$1,000.00	\$1,650.00	\$1,650.00	\$1,230.00	\$1,230.00	\$1,742.42	\$1,742.42
110	2" ARV	1	EA	\$1,800.00	\$1,800.00	\$4,500.00	\$4,500.00	\$3,480.00	\$3,480.00	\$5,059.81	\$5,059.81
111	Fire Hydrant Assembly	3	EA	\$5,100.00	\$15,300.00	\$16,725.00	\$50,175.00	\$5,626.00	\$16,878.00	\$7,783.07	\$23,349.21
112	Single Short Water Service	10	EA	\$1,300.00	\$13,000.00	\$840.00	\$8,400.00	\$1,285.00	\$12,850.00	\$3,084.22	\$30,842.20
113	Double Short Water Service	18	EA	\$1,600.00	\$28,800.00	\$980.00	\$17,640.00	\$2,127.00	\$38,286.00	\$3,491.01	\$62,838.18
114	Single Long Water Service	21	EA	\$1,800.00	\$37,800.00	\$1,300.00	\$27,300.00	\$1,645.00	\$34,545.00	\$4,585.03	\$96,298.23
115	Double Long Water Service	15	EA	\$1,850.00	\$27,750.00	\$1,500.00	\$22,500.00	\$2,385.00	\$35,775.00	\$4,757.39	\$71,360.85
116	Grout Fill Abandoned Existing Pipelines	47	CY	\$190.00	\$8,930.00	\$275.00	\$12,925.00	\$337.00	\$15,839.00	\$1,209.17	\$56,830.99
117	Soil Subgrade	1,305	CY	\$5.00	\$6,525.00	\$2.15	\$2,806.75	\$15.39	\$20,083.95	\$20.083.95	\$26,808.95
118	Crushed Concrete Base	390	SY	\$5.00	\$1,950.00	\$25.00	\$9,750.00	\$29.25	\$11,407.50	\$24.25	\$9,457.50
119	Structural Course Asphalt Base - SP 12.5	44	TN	\$200.00	\$8,800.00	\$210.50	\$9,262.00	\$215.00	\$9,460.00	\$310.50	\$13,662.00
120	Friction Course Overlay - FC 12.5	104	TN	\$180.00	\$18,720.00	\$225.00	\$23,400.00	\$193.00	\$20,072.00	\$219.65	\$22,843.60
121	Milling	874	SY	\$7.00	\$6,118.00	\$8.00	\$6,992.00	\$5.65	\$4,938.10	\$15.76	\$13,774.24
122	Sidewalk Repair	91	SY	\$85.00	\$7,735.00	\$86.00	\$7,826.00	\$73.00	\$6,643.00	\$84.36	\$7,676.76
123	Concrete Driveway Repair	58	SY	\$95.00	\$5,510.00	\$105.00	\$6,090.00	\$89.75	\$5,205.50	\$103.06	\$6,093.48
124	Asphalt Driveway Repair	137	SY	\$55.00	\$7,535.00	\$76.00	\$10,412.00	\$85.00	\$11,645.00	\$104.49	\$14,315.13
125	Brick Driveway Repair	246	SY	\$110.00	\$27,060.00	\$130.00	\$31,980.00	\$80.00	\$19,680.00	\$69.60	\$17,121.60
126	Shell Driveway Repair	1,342	SY	\$40.00	\$53,680.00	\$40.00	\$53,680.00	\$17.75	\$23,827.50	\$28.51	\$38,151.00
127	Sodding	1,342	SY	\$4.00	\$5,368.00	\$4.00	\$5,368.00	\$2.90	\$3,891.80	\$4.52	\$6,065.84
128	Palm Tree Removal and Replacement	6	EA	\$2,000.00	\$12,000.00	\$7,260.00	\$43,560.00	\$650.00	\$3,900.00	\$3,814.99	\$22,889.94
129	Miscellaneous Tree Removal and Replacement	4	EA	\$1,600.00	\$6,400.00	\$2,700.00	\$10,800.00	\$1,225.00	\$4,900.00	\$3,890.01	\$15,400.04
130	Landscape Restoration	1	LS	\$3,000.00	\$3,000.00	\$4,300.00	\$4,300.00	\$4,300.00	\$4,300.00	\$13,750.03	\$13,750.03
				SUBTOTAL	\$647,656.00	\$734,857.50	\$654,605.15	\$654,605.15	\$654,605.15	\$949,150.47	\$949,150.47

**FORCE MAIN 5 REPLACEMENT
IFB #17-077GC**

ITEM	DESCRIPTION	QUANTITY	1		2		3		4	
			UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE
NORTHERN WATER MAIN IMPROVEMENTS										
131	6" Class 350 DI Pipe (Open-Cut)	1,950 LF	\$100.00	\$195,000.00	\$90.00	\$175,500.00	\$49.20	\$95,940.00	\$58.95	\$114,952.50
132	4" Class 350 DI Pipe (Open-Cut)	35 LF	\$90.00	\$3,150.00	\$81.00	\$2,835.00	\$60.65	\$2,122.75	\$128.26	\$4,485.10
133	6" DR 11 HDPE Pipe (HDD)	1,100 LF	\$40.00	\$44,000.00	\$58.00	\$63,800.00	\$60.00	\$66,000.00	\$97.17	\$106,887.00
134	2" PE Pipe (HDD)	250 LF	\$30.00	\$7,500.00	\$93.00	\$23,250.00	\$40.70	\$10,175.00	\$42.66	\$10,665.00
135	6" DI Fitting - 90 deg	1 EA	\$300.00	\$300.00	\$925.00	\$925.00	\$314.00	\$314.00	\$386.22	\$386.22
136	6" DI Fitting - 45 deg	18 EA	\$300.00	\$5,400.00	\$790.00	\$14,220.00	\$300.00	\$5,400.00	\$398.23	\$7,168.14
137	6" DI Fitting - 11.25 deg	3 EA	\$200.00	\$600.00	\$890.00	\$2,670.00	\$300.00	\$900.00	\$396.17	\$1,188.51
138	6" DI Fitting - Cross	2 EA	\$500.00	\$1,000.00	\$1,750.00	\$3,500.00	\$577.00	\$1,154.00	\$821.05	\$1,642.10
139	6" DI Fitting - Tee	4 EA	\$300.00	\$1,200.00	\$900.00	\$3,600.00	\$469.00	\$1,876.00	\$570.27	\$2,281.08
140	4" x 2" DI Fitting - Tee	2 EA	\$300.00	\$600.00	\$880.00	\$1,760.00	\$647.00	\$1,294.00	\$550.96	\$1,101.92
141	4" x 2" DI Fitting - Reducer	3 EA	\$100.00	\$300.00	\$555.00	\$1,665.00	\$199.00	\$597.00	\$283.00	\$849.00
142	6" Gate Valve	18 EA	\$800.00	\$14,400.00	\$2,220.00	\$39,960.00	\$1,194.00	\$21,492.00	\$1,937.04	\$34,865.72
143	4" Gate Valve	1 EA	\$700.00	\$700.00	\$1,730.00	\$1,730.00	\$1,190.00	\$1,190.00	\$1,799.35	\$1,799.35
144	2" Gate Valve	2 EA	\$500.00	\$1,000.00	\$1,150.00	\$2,300.00	\$950.00	\$1,900.00	\$1,280.19	\$2,560.38
145	Fire Hydrant Assembly	1 EA	\$6,000.00	\$6,000.00	\$5,050.00	\$5,050.00	\$5,075.00	\$5,075.00	\$6,809.11	\$6,809.11
146	Single Short Water Service	15 EA	\$700.00	\$10,500.00	\$650.00	\$9,750.00	\$965.00	\$14,475.00	\$4,770.87	\$71,563.05
147	Single Long Water Service	10 EA	\$1,000.00	\$10,000.00	\$750.00	\$7,500.00	\$1,825.00	\$18,250.00	\$3,720.26	\$37,202.60
148	Double Short Water Service	5 EA	\$1,200.00	\$6,000.00	\$1,100.00	\$5,500.00	\$1,417.00	\$7,085.00	\$3,482.75	\$17,413.75
149	Double Long Water Service	5 EA	\$1,200.00	\$6,000.00	\$1,300.00	\$6,500.00	\$2,212.00	\$11,060.00	\$4,263.50	\$21,317.50
150	Soil Subgrade	474 CY	\$5.00	\$2,370.00	\$0.50	\$237.00	\$2.15	\$1,019.10	\$15.39	\$7,294.86
151	Crushed Concrete Base	158 SY	\$50.00	\$7,900.00	\$35.00	\$5,530.00	\$29.25	\$4,621.50	\$25.84	\$4,082.72
152	Structural Course Asphalt Base - SP 12.5	19 TN	\$230.00	\$4,370.00	\$211.00	\$4,009.00	\$215.00	\$4,085.00	\$488.75	\$9,286.25
153	Friction Course Overlay - FC 12.5	42 TN	\$7.00	\$294.00	\$250.00	\$10,500.00	\$193.00	\$8,106.00	\$324.30	\$13,620.60
154	Milling	180 SY	\$7.00	\$1,260.00	\$35.00	\$6,300.00	\$5.65	\$1,017.00	\$65.55	\$11,799.00
155	Sidewalk Repair	9 SY	\$85.00	\$765.00	\$86.00	\$774.00	\$73.00	\$657.00	\$808.82	\$7,279.38
156	Concrete Driveway Repair	110 SY	\$95.00	\$10,450.00	\$105.00	\$11,550.00	\$89.75	\$9,872.50	\$99.44	\$10,938.40
157	Asphalt Driveway Repair	48 SY	\$60.00	\$2,880.00	\$76.50	\$3,672.00	\$85.00	\$4,080.00	\$171.86	\$8,240.28
158	Brick Driveway Repair	18 SY	\$130.00	\$2,340.00	\$130.00	\$2,340.00	\$90.00	\$1,620.00	\$78.15	\$1,406.70
159	Shell Driveway Repair	412 SY	\$40.00	\$16,480.00	\$40.00	\$16,480.00	\$17.75	\$7,313.00	\$27.83	\$11,465.96
160	Sodding	1,608 SY	\$4.00	\$6,432.00	\$4.00	\$6,432.00	\$2.90	\$4,663.20	\$4.52	\$7,268.16
161	Palm Tree Removal and Replacement	5 EA	\$2,000.00	\$10,000.00	\$7,260.00	\$36,300.00	\$700.00	\$3,500.00	\$3,814.99	\$19,074.95
162	Miscellaneous Tree Removal and Replacement	8 EA	\$1,500.00	\$12,000.00	\$2,600.00	\$20,800.00	\$1,250.00	\$10,000.00	\$4,950.01	\$39,600.08
163	Landscape Restoration	1 LS	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$4,500.00	\$4,500.00	\$22,000.04	\$22,000.04
164	Grout Fill Abandoned Existing Pipelines	2 CY	\$150.00	\$300.00	\$275.00	\$550.00	\$460.00	\$920.00	\$739.98	\$1,479.96
			SUBTOTAL	\$464,517.00	SUBTOTAL	\$508,148.00	SUBTOTAL	\$331,574.05	SUBTOTAL	\$633,303.37

**FORCE MAIN 5 REPLACEMENT
IFB #17-077GC**

ITEM	DESCRIPTION	QUANTITY	1		2		3		4	
			UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE
BID "A" - 730 CALENDAR DAYS			Metro Equipment Service Inc. 9415 SW 72 Street Suite 123 Miami, FL 33173		Popsteech Contracting Inc. 201 South Apopka Avenue, Interness, FL 34452		Westra Construction Corp. P O Box 1149 Palmetto, FL 34221		Woodruff & Sons Inc. P O Box 10127 Bradenton, FL 34282-0127	
SUMMARY										
I	PRE-CONSTRUCTION			\$2,452,000.00						\$459,071.35
II	FORCE MAIN 5 TOTAL			\$4,096,761.00						\$5,316,932.16
III	FORCE MAIN 3C TOTAL			\$218,796.00						\$378,107.91
IV	IMPERIAL HOUSE FORCE MAIN TOTAL			\$226,793.00						\$389,787.86
V	SOUTHERN WATER MAIN IMPROVEMENTS TOTAL			\$662,656.00						\$949,750.47
VI	NORTHERN WATER MAIN IMPROVEMENTS TOTAL			\$404,517.00						\$633,303.37
TOTAL	BASE BID "A"			\$8,053,523.00						\$9,426,975.12
165	Permit Allowance	1	L.S	\$5,000.00						\$5,000.00
166	Contract Contingency			10% of Base Bid						\$805,352.30
TOTAL OFFER FOR BASE BID "A" W/ CONTRACT CONTINGENCY & PERMIT ALLOWANCE				\$8,863,875.30						\$9,747,772.75
Bid Items that are italicized have been corrected in accordance with Article A.31, Mathematical Errors.										\$5,000.00
										\$674,777.28
										\$675,000.00
										\$7,430,000.00

**FORCE MAIN 5 REPLACEMENT
IFB #17-0772GC**

ITEM	DESCRIPTION	QUANTITY	1		2		3		4	
			UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE
I. PRE-CONSTRUCTION										
1	Mobilization (10%)	1	\$880,000.00	\$880,000.00	\$345,000.00	\$345,000.00	\$500,000.00	\$500,000.00	\$536,593.86	\$536,593.86
2	Maintenance of Traffic	1	\$1,500,000.00	\$1,500,000.00	\$105,000.00	\$105,000.00	\$164,000.00	\$164,000.00	\$75,653.30	\$75,653.30
3	Preconstruction Video	1	\$5,000.00	\$5,000.00	\$6,800.00	\$6,800.00	\$2,900.00	\$2,900.00	\$2,932.50	\$2,932.50
4	Erosion and Sediment Control	1	\$7,000.00	\$7,000.00	\$42,000.00	\$42,000.00	\$26,300.00	\$26,300.00	\$78,709.46	\$78,709.46
5	Cleaning and Grubbing	1	\$10,000.00	\$10,000.00	\$2,000.00	\$2,000.00	\$19,500.00	\$19,500.00	\$53,637.51	\$53,637.51
6	Misc-Clean up, Record Drawings, Demolition and Project Close-out	1	\$50,000.00	\$50,000.00	\$48,000.00	\$48,000.00	\$557,000.00	\$557,000.00	\$218,993.75	\$218,993.75
			SUBTOTAL	\$2,452,000.00	\$548,800.00	\$1,269,700.00	\$1,269,700.00	\$366,528.38	\$366,528.38	
II. PROPOSED IMPROVEMENTS										
FORCE MAIN 5										
7	18" DR 18 PVC Pipe (Open-Cut)	2,200	\$175.00	\$385,000.00	\$280.00	\$616,000.00	\$110.00	\$242,000.00	\$199.91	\$439,802.00
8	16" DR 18 PVC Pipe (Open-Cut)	7,720	\$155.00	\$1,196,600.00	\$110.50	\$853,060.00	\$104.00	\$802,880.00	\$109.08	\$842,097.60
9	6" DR 18 PVC Pipe (Open-Cut)	24	\$100.00	\$2,400.00	\$58.00	\$1,392.00	\$60.00	\$1,440.00	\$87.01	\$2,088.24
10	24" DR 11 HDPE Pipe (HDD)	2,400	\$350.00	\$840,000.00	\$295.00	\$708,000.00	\$329.50	\$790,800.00	\$519.11	\$1,245,864.00
11	18" DR 11 HDPE Pipe (HDD)	1,100	\$200.00	\$220,000.00	\$172.00	\$189,200.00	\$214.00	\$235,400.00	\$415.78	\$457,338.00
12	24" DI Fitting - 11.25 deg	2	\$1,800.00	\$3,600.00	\$4,390.00	\$8,780.00	\$3,350.00	\$6,700.00	\$2,696.55	\$5,393.10
13	24" x18" DI Fitting - Reducer	2	\$3,500.00	\$7,000.00	\$12,000.00	\$24,000.00	\$4,950.00	\$9,900.00	\$2,459.55	\$4,919.10
14	20" x18" DI Fitting - Reducer	1	\$1,600.00	\$1,600.00	\$3,565.00	\$3,565.00	\$3,033.00	\$3,033.00	\$2,151.07	\$2,151.07
15	18" DI Fitting - 45 deg	4	\$1,500.00	\$6,000.00	\$6,080.00	\$24,320.00	\$2,835.00	\$11,340.00	\$2,229.92	\$8,919.68
16	18" DI Fitting - 22.5 deg	6	\$1,300.00	\$7,800.00	\$6,075.00	\$36,450.00	\$2,645.00	\$15,840.00	\$1,999.43	\$11,995.92
17	18" x16" DI Fitting - Tee	3	\$1,400.00	\$4,200.00	\$2,785.00	\$8,355.00	\$3,355.00	\$10,065.00	\$2,106.28	\$6,318.84
18	18" x8" DI Fitting - Tee	4	\$2,000.00	\$8,000.00	\$5,200.00	\$20,800.00	\$1,272.00	\$5,088.00	\$1,993.28	\$7,973.12
19	16" x8" DI Fitting - Tee	3	\$1,700.00	\$5,100.00	\$4,078.00	\$12,234.00	\$3,104.00	\$9,312.00	\$2,304.47	\$6,997.50
20	16" DI Fitting - 45 deg	39	\$1,300.00	\$50,700.00	\$3,950.00	\$154,050.00	\$2,445.00	\$95,355.00	\$1,991.02	\$77,649.78
21	16" DI Fitting - 22.5 deg	1	\$1,200.00	\$1,200.00	\$4,000.00	\$4,000.00	\$2,426.00	\$2,426.00	\$1,977.03	\$1,977.03
22	16" x6" DI Fitting - Tee	1	\$1,700.00	\$1,700.00	\$6,000.00	\$6,000.00	\$3,068.00	\$3,068.00	\$1,996.08	\$1,996.08
23	16" x6" DI Fitting - Tee	1	\$1,400.00	\$1,400.00	\$6,200.00	\$6,200.00	\$2,558.00	\$2,558.00	\$2,118.30	\$2,118.30
24	18" Plug Valve	3	\$8,000.00	\$24,000.00	\$16,150.00	\$48,450.00	\$8,219.00	\$24,657.00	\$622.64	\$1,875.24
25	16" Plug Valve	8	\$3,000.00	\$24,000.00	\$12,900.00	\$38,700.00	\$6,642.00	\$53,136.00	\$7,203.08	\$57,339.08
26	6" Plug Valve	1	\$2,000.00	\$2,000.00	\$2,800.00	\$2,800.00	\$1,980.00	\$1,980.00	\$6,465.44	\$6,465.44
27	2" ARV	7	\$2,700.00	\$18,900.00	\$4,800.00	\$33,600.00	\$5,029.00	\$35,203.00	\$2,973.81	\$20,973.81
28	Fig Port Launching/Receiving Station Assembly	1	\$2,496.00	\$2,496.00	\$74,400.00	\$74,400.00	\$59,672.00	\$59,672.00	\$6,040.03	\$42,280.21
29	Connections To Existing Force Mains	1	\$8,000.00	\$8,000.00	\$32,500.00	\$32,500.00	\$180,000.00	\$180,000.00	\$104,342.07	\$104,342.07
30	Mag Meter Assembly	1	\$50,000.00	\$50,000.00	\$65,000.00	\$65,000.00	\$116,465.00	\$116,465.00	\$86,398.44	\$86,398.44
31	Grout Fill Abandoned Existing Pipelines	870	\$5.00	\$4,350.00	\$63,250.00	\$50,925.00	\$27,197.50	\$27,197.50	\$398.64	\$346,816.80
32	Crushed Concrete Base	12,650	\$5.00	\$63,250.00	\$63,250.00	\$63,250.00	\$63,250.00	\$63,250.00	\$188,105.50	\$188,105.50
33	Structural Course Asphalt Base - SP 12.5	2,875	\$40.00	\$115,000.00	\$29.00	\$83,375.00	\$29.25	\$84,093.75	\$29.88	\$85,905.00
34	Friction Course Overlay - FC 12.5	1,120	\$180.00	\$201,600.00	\$211.00	\$236,320.00	\$215.00	\$240,800.00	\$307.05	\$343,896.00
35	Milling	1,110	\$200.00	\$222,000.00	\$252.00	\$279,720.00	\$193.00	\$214,230.00	\$162.15	\$179,986.50
36	Sidewalk Repair	9,025	\$5.00	\$45,125.00	\$5.60	\$50,540.00	\$5.65	\$50,991.25	\$7.82	\$70,575.50
37	Concrete Driveway Repair	167	\$80.00	\$13,360.00	\$95.00	\$15,865.00	\$73.00	\$12,191.00	\$81.83	\$13,665.61
38		557	\$90.00	\$50,130.00	\$104.00	\$57,928.00	\$89.75	\$49,990.75	\$93.80	\$53,360.60

**FORCE MAIN 5 REPLACEMENT
IFB #17-07726C**

ITEM	DESCRIPTION	QUANTITY	1			2			3			4		
			UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE
<p align="center">BID "B" - 660 CALENDAR DAYS</p>														
			Metro Equipment Service Inc 9415 SW 72 Street, Suite 123 Miami, FL 33173			Prospect Contracting Inc 201 South Apopka Avenue Inverness, FL 34452			Westra Construction Corp P O Box 1149 Palmdale, FL 34221			Woodruff & Sons, Inc P O Box 10127 Bradenton, FL 34282-0127		
43	Asphalt Driveway Repair	301	\$55.00	\$16,555.00	\$77.00	\$23,177.00	\$85.00	\$25,585.00	\$91.07	\$27,412.07				
44	Brick Driveway Repair	841	\$100.00	\$84,100.00	\$130.00	\$109,330.00	\$80.00	\$67,280.00	\$72.56	\$61,022.96				
45	Shell Driveway Repair	1,723	\$25.00	\$43,075.00	\$40.00	\$68,920.00	\$17.75	\$30,383.25	\$32.57	\$56,118.11				
46	Sodding	7,434	\$5.00	\$37,170.00	\$4.00	\$29,736.00	\$2.90	\$21,558.60	\$3.83	\$28,472.22				
47	Palm Tree Removal and Replacement	25	\$2,000.00	\$50,000.00	\$7,260.00	\$181,500.00	\$1,600.00	\$40,000.00	\$6,250.72	\$156,268.00				
48	Oak Tree Removal and Replacement	1	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,500.00	\$5,500.00	\$5,500.00				
49	Landscape Restoration	1	\$5,000.00	\$5,000.00	\$58,000.00	\$58,000.00	\$30,290.00	\$30,290.00	\$11,000.00	\$11,000.00				
50	Lift Station Header Piping Modifications	1	\$50,000.00	\$50,000.00	\$130,000.00	\$130,000.00	\$27,000.00	\$27,000.00	\$516,158.86	\$516,158.86				
FORCE MAIN 3C			SUBTOTAL	\$4,066,761.00	SUBTOTAL	\$4,433,652.00	SUBTOTAL	\$4,091,598.10	SUBTOTAL	\$5,666,221.00				
51	6" DR 18 PVC Pipe (Open-Cut)	600	\$70.00	\$42,000.00	\$48.00	\$28,800.00	\$58.50	\$35,100.00	\$63.17	\$37,902.00				
52	6" DR 11 HDPE Pipe (HDD)	1,520	\$60.00	\$91,200.00	\$57.25	\$87,020.00	\$56.00	\$85,120.00	\$96.95	\$147,364.00				
53	6" DI Fitting - 90 deg	3	\$300.00	\$900.00	\$925.00	\$2,775.00	\$482.00	\$1,446.00	\$411.88	\$1,235.64				
54	6" DI Fitting - 45 deg	11	\$300.00	\$3,300.00	\$812.00	\$8,932.00	\$465.00	\$5,115.00	\$403.69	\$4,440.59				
55	6" DI Fitting - 22.5 deg	1	\$500.00	\$500.00	\$808.00	\$808.00	\$458.00	\$458.00	\$394.86	\$394.86				
56	6" DI Fitting - 11.25 deg	5	\$300.00	\$1,500.00	\$930.00	\$4,650.00	\$461.00	\$2,305.00	\$400.48	\$2,002.40				
57	6" Plug Valve	3	\$1,400.00	\$4,200.00	\$2,450.00	\$7,350.00	\$2,235.00	\$6,705.00	\$2,527.10	\$7,581.30				
58	1" ARV	4	\$1,500.00	\$6,000.00	\$3,200.00	\$12,800.00	\$2,741.00	\$10,964.00	\$7,210.68	\$28,842.72				
59	Connection To Existing 6" Force Main	1	\$5,000.00	\$5,000.00	\$860.00	\$860.00	\$3,630.00	\$3,630.00	\$14,833.25	\$14,833.25				
60	Connection To Manhole	1	\$4,000.00	\$4,000.00	\$1,600.00	\$1,600.00	\$3,840.00	\$3,840.00	\$41,749.18	\$41,749.18				
61	Grout Fill Abandoned Existing Pipelines	5	\$250.00	\$1,250.00	\$330.00	\$1,650.00	\$577.50	\$2,887.50	\$4,433.51	\$22,167.55				
62	Soil Subgrade	246	\$5.00	\$1,230.00	\$0.50	\$123.00	\$2.15	\$528.90	\$17.64	\$4,339.44				
63	Crushed Concrete Base	90	\$50.00	\$4,500.00	\$35.00	\$3,150.00	\$29.25	\$2,632.50	\$25.73	\$2,315.70				
64	Structural Course Asphalt Base - SP 12.5	10	\$300.00	\$3,000.00	\$215.00	\$2,150.00	\$215.00	\$2,150.00	\$931.50	\$9,315.00				
65	Friction Course Overlay - FC 12.5	29	\$300.00	\$8,700.00	\$200.00	\$5,800.00	\$193.00	\$5,597.00	\$397.90	\$11,539.10				
66	Millage	240	\$6.00	\$1,440.00	\$26.00	\$6,240.00	\$5.65	\$1,356.00	\$47.72	\$11,452.80				
67	Subwalk Repair	208	\$80.00	\$16,640.00	\$99.00	\$20,712.00	\$73.00	\$15,184.00	\$81.02	\$16,852.16				
68	Concrete Driveway Repair	43	\$90.00	\$3,870.00	\$103.00	\$4,429.00	\$89.75	\$3,859.25	\$110.61	\$4,756.23				
69	Brick Driveway Repair	2	\$150.00	\$300.00	\$220.00	\$440.00	\$80.00	\$160.00	\$439.11	\$878.22				
70	Shell Driveway	96	\$40.00	\$3,840.00	\$40.00	\$3,840.00	\$17.75	\$1,704.00	\$32.10	\$3,081.60				
71	Sodding	318	\$7.00	\$2,226.00	\$4.00	\$1,272.00	\$2.90	\$922.20	\$3.14	\$998.52				
72	Palm Tree Removal and Replacement	6	\$1,900.00	\$11,400.00	\$7,260.00	\$43,560.00	\$650.00	\$3,900.00	\$4,594.97	\$27,569.82				
73	Landscape Restoration	1	\$2,000.00	\$2,000.00	\$30,000.00	\$30,000.00	\$9,500.00	\$9,500.00	\$3,850.00	\$3,850.00				
			SUBTOTAL	\$218,796.00	SUBTOTAL	\$279,616.00	SUBTOTAL	\$205,064.35	SUBTOTAL	\$405,482.08				
IMPERIAL HOUSE FORCE MAIN														
74	4" DR 18 PVC Pipe (Open-Cut)	700	\$60.00	\$42,000.00	\$49.00	\$34,300.00	\$46.25	\$32,375.00	\$52.38	\$36,666.00				
75	4" DR 11 HDPE Pipe (HDD)	260	\$50.00	\$13,000.00	\$55.00	\$13,760.00	\$49.00	\$12,740.00	\$106.99	\$27,817.40				
76	8"x4" DI Fitting - Reducer	1	\$370.00	\$370.00	\$806.00	\$806.00	\$495.00	\$495.00	\$512.58	\$512.58				
77	4" DI Fitting - 45 deg	15	\$250.00	\$3,750.00	\$350.00	\$5,250.00	\$365.00	\$5,475.00	\$414.57	\$6,218.55				
78	4" DI Fitting - 22.5 deg	2	\$480.00	\$960.00	\$600.00	\$1,200.00	\$365.00	\$720.00	\$413.36	\$826.72				
79	4" DI Fitting - 11.25 deg	2	\$230.00	\$460.00	\$600.00	\$1,200.00	\$360.00	\$720.00	\$411.36	\$822.72				
80	4" Plug Valve	1	\$1,200.00	\$1,200.00	\$1,950.00	\$1,950.00	\$1,702.00	\$1,702.00	\$2,253.79	\$2,253.79				
81	1" ARV	1	\$2,000.00	\$2,000.00	\$3,165.00	\$3,165.00	\$2,715.00	\$2,715.00	\$8,173.40	\$8,173.40				
82	Connections To Existing 4" Force Mains	1	\$4,000.00	\$4,000.00	\$19,000.00	\$19,000.00	\$2,455.00	\$2,455.00	\$14,735.12	\$14,735.12				
83	Connection To Manhole	1	\$4,500.00	\$4,500.00	\$1,600.00	\$1,600.00	\$3,840.00	\$3,840.00	\$1,469.59	\$1,469.59				
84	Soil Subgrade	575	\$5.00	\$2,875.00	\$0.50	\$287.50	\$2.15	\$1,236.25	\$17.64	\$10,143.00				
85	Crushed Concrete Base	274	\$50.00	\$13,700.00	\$33.00	\$9,090.00	\$29.25	\$8,014.50	\$51.56	\$5,907.44				

**FORCE MAIN 5 REPLACEMENT
IFB #17-0772GC**

ITEM	DESCRIPTION	QUANTITY	1		2		3		4	
			UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE	UNIT PRICE	BID PRICE		UNIT PRICE
<p align="center">BID "B" - 660 CALENDAR DAYS</p>										
			Metro Equipment Services Inc 9415 SW 72 Street Suite 123 Miami, FL 33173		Pospiech Contracting Inc 201 South Apopka Avenue Inverness, FL 34452		Westra Construction Corp P O Box 1149 Palmetto, FL 34221		Woodruff & Sons, Inc P O Box 10127 Bradenton, FL 34282-0127	
86	Structural Course Asphalt Base - SF 12.5	29	TN	\$200.00	\$5,800.00	\$211.00	\$6,233.00	\$215.00	\$385.25	\$11,172.25
87	Friction Course Overlay - FC 12.5	125	TN	\$180.00	\$22,500.00	\$235.00	\$29,375.00	\$193.00	\$202.40	\$25,300.00
88	Milling	1,095	SY	\$4.00	\$4,380.00	\$7.00	\$7,665.00	\$5.65	\$13.23	\$14,486.85
89	Sidewalk Repair	4	SY	\$90.00	\$360.00	\$123.00	\$492.00	\$73.00	\$318.45	\$1,275.80
90	Sodding	774	SY	\$7.00	\$5,418.00	\$4.00	\$3,096.00	\$2.90	\$3.14	\$2,430.36
91	Landscape Restoration	1	LS	\$2,000.00	\$2,000.00	\$33,000.00	\$33,000.00	\$3,350.00	\$3,850.00	\$3,850.00
92	Lift Station Rehabilitation	1	LS	\$100,000.00	\$100,000.00	\$70,500.00	\$70,500.00	\$80,500.00	\$94,187.90	\$94,187.90
				SUBTOTAL	\$228,793.00	\$158,500.00	\$244,925.50	\$180,500.00	\$94,187.90	\$309,692.47
SOUTHERN WATER MAIN IMPROVEMENTS										
93	16" Class 350 DI Pipe (Open-Cut)	1,440	LF	\$200.00	\$288,000.00	\$138.50	\$199,440.00	\$137.00	\$226,080.00	\$200,606.40
94	6" Class 350 DI Pipe (Open-Cut)	380	LF	\$60.00	\$22,800.00	\$60.00	\$22,800.00	\$51.50	\$38.82	\$31,851.60
95	4" DR 18 PVC Pipe (Open-Cut)	13	LF	\$65.00	\$845.00	\$43.00	\$559.00	\$17.25	\$28.75	\$487.20
96	6" DR 11 HDPE Pipe (HDI)	1,050	LF	\$45.00	\$47,250.00	\$57.00	\$59,850.00	\$63.50	\$66,675.00	\$115,444.00
97	16" DI Fitting - 90 deg.	2	EA	\$1,000.00	\$2,000.00	\$4,050.00	\$8,100.00	\$1,380.00	\$2,760.00	\$1,341.98
98	16" DI Fitting - 45 deg.	4	EA	\$900.00	\$3,600.00	\$4,000.00	\$4,000.00	\$1,300.00	\$1,441.48	\$5,765.92
99	16" DI Fitting - Cross	1	EA	\$2,200.00	\$2,200.00	\$8,300.00	\$8,300.00	\$2,975.00	\$3,024.41	\$3,024.41
100	16" x 6" DI Fitting - Tee	1	EA	\$1,000.00	\$1,000.00	\$5,300.00	\$5,300.00	\$1,610.00	\$1,732.39	\$1,732.39
101	16" x 6" DI Fitting - Cross	2	EA	\$2,000.00	\$4,000.00	\$8,450.00	\$16,900.00	\$1,897.00	\$3,794.00	\$3,938.70
102	16" x 6" DI Fitting - Reducer	2	EA	\$700.00	\$1,400.00	\$3,725.00	\$7,450.00	\$1,005.00	\$2,010.00	\$2,204.82
103	6" DI Fitting - 45 deg.	20	EA	\$300.00	\$6,000.00	\$842.00	\$16,840.00	\$332.00	\$6,640.00	\$400.52
104	6" DI Fitting - 11.25 deg.	1	EA	\$250.00	\$250.00	\$840.00	\$840.00	\$329.00	\$329.00	\$398.47
105	6" x 4" DI Fitting - Tee	1	EA	\$300.00	\$300.00	\$1,080.00	\$1,080.00	\$418.00	\$533.99	\$533.99
106	4" DI Fitting - 45 deg.	2	EA	\$200.00	\$400.00	\$540.00	\$1,080.00	\$250.00	\$500.00	\$710.12
107	16" Gate Valve	7	EA	\$4,000.00	\$28,000.00	\$7,900.00	\$55,300.00	\$4,715.00	\$33,005.00	\$5,064.31
108	6" Gate Valve	8	EA	\$1,500.00	\$12,000.00	\$2,000.00	\$16,000.00	\$1,540.00	\$1,995.73	\$15,965.84
109	4" Gate Valve	1	EA	\$1,000.00	\$1,000.00	\$1,650.00	\$1,650.00	\$1,230.00	\$1,803.67	\$1,803.67
110	2" ARV	1	EA	\$1,800.00	\$1,800.00	\$4,500.00	\$4,500.00	\$3,480.00	\$5,428.91	\$5,428.91
111	Fire Hydrant Assembly	3	EA	\$5,100.00	\$15,300.00	\$5,575.00	\$16,725.00	\$5,626.00	\$8,029.13	\$24,087.39
112	Single Short Water Service	10	EA	\$1,300.00	\$13,000.00	\$980.00	\$9,800.00	\$1,285.00	\$3,451.58	\$34,515.80
113	Single Long Water Service	18	EA	\$1,600.00	\$28,800.00	\$980.00	\$17,640.00	\$2,127.00	\$38,286.00	\$4,025.04
114	Double Short Water Service	21	EA	\$1,800.00	\$37,800.00	\$1,300.00	\$27,300.00	\$1,645.00	\$34,545.00	\$108,146.64
115	Double Long Water Service	15	EA	\$1,850.00	\$27,750.00	\$1,500.00	\$22,500.00	\$2,385.00	\$35,775.00	\$5,359.20
116	Grout Fill Abandoned Existing Pipelines	47	CY	\$130.00	\$6,110.00	\$275.00	\$12,925.00	\$337.00	\$15,839.00	\$62,321.06
117	Soil Subgrade	1,305	CY	\$5.00	\$6,525.00	\$0.50	\$652.50	\$2.15	\$2,805.75	\$23,020.20
118	Crushed Concrete Base	390	SY	\$5.00	\$1,950.00	\$25.00	\$9,750.00	\$29.25	\$11,407.50	\$26,370.00
119	Structural Course Asphalt Base - SF 12.5	44	TN	\$200.00	\$8,800.00	\$210.50	\$9,262.00	\$215.00	\$9,460.00	\$13,662.00
120	Friction Course Overlay - FC 12.5	104	TN	\$180.00	\$18,720.00	\$225.00	\$23,400.00	\$193.00	\$20,072.00	\$22,843.60
121	Milling	874	SY	\$7.00	\$6,118.00	\$8.00	\$6,992.00	\$5.65	\$4,938.10	\$13,774.24
122	Sidewalk Repair	91	SY	\$85.00	\$7,735.00	\$86.00	\$7,826.00	\$73.00	\$6,643.00	\$8,528.00
123	Concrete Driveway Repair	58	SY	\$95.00	\$5,510.00	\$105.00	\$6,090.00	\$89.75	\$5,205.50	\$6,174.68
124	Asphalt Driveway Repair	137	SY	\$55.00	\$7,535.00	\$76.00	\$10,412.00	\$85.00	\$11,645.00	\$14,902.86
125	Brick Driveway Repair	246	SY	\$110.00	\$27,060.00	\$130.00	\$31,980.00	\$80.00	\$19,680.00	\$18,363.90
126	Shell Driveway Repair	165	SY	\$40.00	\$6,600.00	\$40.00	\$6,600.00	\$17.75	\$2,928.75	\$3,453.25
127	Sodding	1,342	SY	\$4.00	\$5,368.00	\$4.00	\$5,368.00	\$2.90	\$3,891.80	\$6,293.98
128	Plant Tree Removal and Replacement	6	EA	\$2,600.00	\$15,600.00	\$7,260.00	\$43,560.00	\$650.00	\$3,900.00	\$26,699.82
129	Miscellaneous Tree Removal and Replacement	4	EA	\$1,600.00	\$6,400.00	\$2,700.00	\$10,800.00	\$1,225.00	\$3,700.00	\$3,850.00
130	Landscape Restoration	1	LS	\$3,000.00	\$3,000.00	\$15,000.00	\$15,000.00	\$4,300.00	\$4,300.00	\$13,750.00