

100% OPINION OF COST

Force Main 18M Replacement

CIP 404-6083780

IFB #16-2666DS

Replace approximately 2800 LF of 6" DIP w/8" HDPE/PVC Force Main

Bid "A" 220 Calendar Days

	DESCRIPTION	UNIT S	QTY.	TB Landmark		Douglas N. Higgins		Westra Construction		Woodruff & Sons	
				Unit Price (\$)	Extended Price (\$)	Unit Price (\$)	Extended Price (\$)	Unit Price (\$)	Extended Price (\$)	Unit Price (\$)	Extended Price (\$)
1	8" HDPE (C-906) DR11 Force Main (Directional Bore)	LF	1,025	60.00	\$ 61,500.00	92.00	\$ 94,300.00	62.00	\$ 63,550.00	116.64	\$ 119,556.00
2	8" PVC DR18 (C-900) Force Main	LF	1,750	39.00	\$ 68,250.00	60.00	\$ 105,000.00	107.50	\$ 188,125.00	77.98	\$ 136,465.00
3	Connect to Existing Force Main	EA	2	7,000.00	\$ 14,000.00	6,000.00	\$ 12,000.00	11,000.00	\$ 22,000.00	13,083.70	\$ 26,167.40
4	DI Fittings, Wastewater	LB	2,170	10.00	\$ 21,700.00	5.00	\$ 10,850.00	9.45	\$ 20,506.50	8.30	\$ 18,011.00
5	Pipe Adapter, 8"	EA	4	350.00	\$ 1,400.00	1,300.00	\$ 5,200.00	420.00	\$ 1,680.00	431.35	\$ 1,725.40
6	8" Gate Valve	EA	2	2,000.00	\$ 4,000.00	2,800.00	\$ 5,600.00	1,700.00	\$ 3,400.00	1,934.34	\$ 3,868.68
7	ARV Assembly including manhole	EA	1	7,000.00	\$ 7,000.00	6,500.00	\$ 6,500.00	4,740.00	\$ 4,740.00	8,014.24	\$ 8,014.24
8	ARV Assembly	EA	2	3,410.00	\$ 6,820.00	2,400.00	\$ 4,800.00	2,540.00	\$ 5,080.00	5,022.89	\$ 10,045.78
9	Pipe Restraints, 8"	EA	31	100.00	\$ 3,100.00	100.00	\$ 3,100.00	290.00	\$ 8,990.00	272.28	\$ 8,440.68
9a.	Pipe Bell Restraints, 8"	EA	15	240.00	\$ 3,600.00	100.00	\$ 1,500.00	300.00	\$ 4,500.00	347.79	\$ 5,216.85
10	Erosion Control	LS	1	4,533.00	\$ 4,533.00	6,000.00	\$ 6,000.00	1,145.00	\$ 1,145.00	5,703.88	\$ 5,703.88
11	Traffic Control, Signing, & Barricades to FDOT Standards	LS	1	6,500.00	\$ 6,500.00	16,000.00	\$ 16,000.00	68,000.00	\$ 68,000.00	17,855.46	\$ 17,855.46
12	Curb Replacement	LF	75	35.00	\$ 2,625.00	25.00	\$ 1,875.00	68.00	\$ 5,100.00	77.70	\$ 5,827.50
13	Replace Pedestrian Ramp	EA	6	750.00	\$ 4,500.00	1,200.00	\$ 7,200.00	1,035.00	\$ 6,210.00	1,019.49	\$ 6,116.94
14	Asphalt Road Restoration (Base & Resurface)	SY	75	92.00	\$ 6,900.00	240.00	\$ 18,000.00	318.00	\$ 23,850.00	334.74	\$ 25,105.50
15	Asphalt Road Restoration (Mill & Resurface)	SY	305	30.00	\$ 9,150.00	60.00	\$ 18,300.00	69.00	\$ 21,045.00	66.70	\$ 20,343.50
16	Sidewalk Replacement to FDOT Standards	SY	940	50.00	\$ 47,000.00	51.00	\$ 47,940.00	50.00	\$ 47,000.00	54.06	\$ 50,816.40
17	Driveway Restoration To FDOT Stds., Asphalt 9.5" thick	SY	130	99.00	\$ 12,870.00	150.00	\$ 19,500.00	200.00	\$ 26,000.00	182.90	\$ 23,777.00
18	Driveway Restoration To FDOT Stds., Concrete 6" min.	SY	230	55.00	\$ 12,650.00	54.00	\$ 12,420.00	75.00	\$ 17,250.00	80.39	\$ 18,489.70
19	Sodding	SY	800	4.75	\$ 3,800.00	4.00	\$ 3,200.00	5.40	\$ 4,320.00	4.94	\$ 3,952.00
20	Grout & Plug Force Main	CY	25	399.00	\$ 9,975.00	200.00	\$ 5,000.00	480.00	\$ 12,000.00	588.45	\$ 14,711.25
21	30" x 8" Tapping Sleeve & Gate Valve	EA	1	7,500.00	\$ 7,500.00	8,400.00	\$ 8,400.00	18,300.00	\$ 18,300.00	21,208.81	\$ 21,208.81
22	Remove and Reinstall Bench and Trash Can	LS	1	850.00	\$ 850.00	1,000.00	\$ 1,000.00	1,270.00	\$ 1,270.00	4,950.00	\$ 4,950.00
23	Insert 6" Valve near 30" Force Main	LS	1	10,887.00	\$ 10,887.00	15,000.00	\$ 15,000.00	9,665.00	\$ 9,665.00	46,862.44	\$ 46,862.44
24	Mobilization	LS	1	20,643.00	\$ 20,643.00	45,000.00	\$ 45,000.00	75,000.00	\$ 75,000.00	81,904.87	\$ 81,904.87
25	Miscellaneous Work & Clean Up	LS	1	37,789.00	\$ 37,789.00	15,000.00	\$ 15,000.00	129,600.00	\$ 129,600.00	83,122.85	\$ 83,122.85
Base Bid					\$ 389,542.00		\$ 488,685.00		\$ 788,326.50		\$ 768,259.13
26	Contingency (10%)		10%		\$ 38,954.20		\$ 48,868.50		\$ 78,832.65		\$ 76,825.91
Total Bid Price					\$ 428,496.20		\$ 537,553.50		\$ 867,159.15		\$ 845,085.04

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IFB #16-2666DS

Replace approximately 2800 LF of 6" DIP w/8" HDPE/PVC Force Main

Bid "B" 160 Calendar Days

	DESCRIPTION	UNIT S	QTY.	TB Landmark		Douglas N. Higgins		Westra Construction		Woodruff & Sons	
				Unit Price (\$)	Extended Price (\$)	Unit Price (\$)	Extended Price (\$)	Unit Price (\$)	Extended Price (\$)	Unit Price (\$)	Extended Price (\$)
1	8" HDPE (C-906) DR11 Force Main (Directional Bore)	LF	1,025	60.00	\$ 61,500.00	107.00	\$ 109,675.00	NB	NB	128.00	\$ 131,200.00
2	8" PVC DR18 (C-900) Force Main	LF	1,750	39.00	\$ 68,250.00	72.00	\$ 126,000.00	NB	NB	91.49	\$ 160,107.50
3	Connect to Existing Force Main	EA	2	7,000.00	\$ 14,000.00	6,000.00	\$ 12,000.00	NB	NB	15,275.57	\$ 30,551.14
4	DI Fittings, Wastewater	LB	2,170	10.00	\$ 21,700.00	5.00	\$ 10,850.00	NB	NB	9.57	\$ 20,766.90
5	Pipe Adapter, 8"	EA	4	350.00	\$ 1,400.00	1,300.00	\$ 5,200.00	NB	NB	431.35	\$ 1,725.40
6	8" Gate Valve	EA	2	2,000.00	\$ 4,000.00	2,800.00	\$ 5,600.00	NB	NB	2,027.59	\$ 4,055.18
7	ARV Assembly including manhole	EA	1	7,000.00	\$ 7,000.00	6,500.00	\$ 6,500.00	NB	NB	8,764.48	\$ 8,764.48
8	ARV Assembly	EA	2	3,410.00	\$ 6,820.00	2,400.00	\$ 4,800.00	NB	NB	5,520.27	\$ 11,040.54
9	Pipe Restraints, 8"	EA	31	100.00	\$ 3,100.00	100.00	\$ 3,100.00	NB	NB	318.19	\$ 9,863.89
9a.	Pipe Bell Restraints, 8"	EA	15	240.00	\$ 3,600.00	100.00	\$ 1,500.00	NB	NB	393.70	\$ 5,905.50
10	Erosion Control	LS	1	4,533.00	\$ 4,533.00	6,000.00	\$ 6,000.00	NB	NB	6,556.40	\$ 6,556.40
11	Traffic Control, Signing, & Barricades to FDOT Standards	LS	1	6,500.00	\$ 6,500.00	16,000.00	\$ 16,000.00	NB	NB	18,609.93	\$ 18,609.93
12	Curb Replacement	LF	75	35.00	\$ 2,625.00	25.00	\$ 1,875.00	NB	NB	83.80	\$ 6,285.00
13	Replace Pedestrian Ramp	EA	6	750.00	\$ 4,500.00	1,200.00	\$ 7,200.00	NB	NB	1,058.53	\$ 6,351.18
14	Asphalt Road Restoration (Base & Resurface)	SY	75	92.00	\$ 6,900.00	240.00	\$ 18,000.00	NB	NB	343.96	\$ 25,797.00
15	Asphalt Road Restoration (Mill & Resurface)	SY	305	30.00	\$ 9,150.00	60.00	\$ 18,300.00	NB	NB	66.70	\$ 20,343.50
16	Sidewalk Replacement to FDOT Standards	SY	940	50.00	\$ 47,000.00	51.00	\$ 47,940.00	NB	NB	57.16	\$ 53,730.40
17	Driveway Restoration To FDOT Stds., Asphalt 9.5" thick	SY	130	99.00	\$ 12,870.00	150.00	\$ 19,500.00	NB	NB	187.00	\$ 24,310.00
18	Driveway Restoration To FDOT Stds., Concrete 6" min.	SY	230	55.00	\$ 12,650.00	54.00	\$ 12,420.00	NB	NB	84.73	\$ 19,487.90
19	Sodding	SY	800	4.75	\$ 3,800.00	4.00	\$ 3,200.00	NB	NB	5.37	\$ 4,296.00
20	Grout & Plug Force Main	CY	25	399.00	\$ 9,975.00	200.00	\$ 5,000.00	NB	NB	663.29	\$ 16,582.25
21	30" x 8" Tapping Sleeve & Gate Valve	EA	1	7,500.00	\$ 7,500.00	8,400.00	\$ 8,400.00	NB	NB	24,255.35	\$ 24,255.35
22	Remove and Reinstall Bench and Trash Can	LS	1	850.00	\$ 850.00	1,000.00	\$ 1,000.00	NB	NB	4,950.00	\$ 4,950.00
23	Insert 6" Valve near 30" Force Main	LS	1	10,887.00	\$ 10,887.00	15,000.00	\$ 15,000.00	NB	NB	53,940.11	\$ 53,940.11
24	Mobilization	LS	1	20,643.00	\$ 20,643.00	45,000.00	\$ 45,000.00	NB	NB	94,022.08	\$ 94,022.08
25	Miscellaneous Work & Clean Up	LS	1	37,789.00	\$ 37,789.00	15,000.00	\$ 15,000.00	NB	NB	101,016.11	\$ 101,016.11
Base Bid					\$ 389,542.00		\$ 525,060.00		\$ -		\$ 864,513.74
26	Contingency (10%)		10%		\$ 38,954.20		\$ 52,506.00		\$ -		\$ 86,451.37
Total Bid Price					\$ 428,496.20		\$ 577,566.00		\$ -		\$ 950,965.11