

Pembroke Meadows Phase 1  
 Project Number: CIP# 100303 / 5.021.000 (Water Main) & CIP# 100302 / 6.108.000 (Sanitary Sewer)  
 Bid Open 4/29/2021

Item No.	Item Description	Unit	Est. Quantity	RKA&K		Peters & White (Low Bidder)		Trident		Kevcor Contracting		Bridgeman Civil		Tidewater Utility Construction		Gaston Brothers		Inlet Construction Inc.		A&W Contractors		Unit Costs									
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Average Cost	Median Cost	Minimum Cost	Maximum Cost						
<b>Water Main</b>																															
1	Mobilization/Demobilization (up to 6% of subtotal)	LS	1	\$ 236,727.73	\$ 236,727.73	\$ 150,000.00	\$ 150,000.00	\$ 250,000.00	\$ 250,000.00	\$ 293,000.00	\$ 293,000.00	\$ 284,000.00	\$ 284,000.00	\$ 284,997.63	\$ 284,997.63	\$ 85,542.00	\$ 85,542.00	\$ 337,295.44	\$ 337,295.44	\$ 428,730.00	\$ 428,730.00	\$ 264,195.63	\$ 264,195.63	\$ 284,498.82	\$ 284,498.82	\$ 85,542.00	\$ 85,542.00	\$ 428,730.00			
2	V-Box Polyethylene Encasement	LF	15,493	\$ 7,250	\$ 36,992.50	\$ 2,000	\$ 30,986.00	\$ 7,200	\$ 30,986.00	\$ 69,718.50	\$ 69,718.50	\$ 7,200	\$ 30,986.00	\$ 46,479.00	\$ 46,479.00	\$ 3,300	\$ 15,493.00	\$ 3,300	\$ 15,493.00	\$ 6,200	\$ 24,000.00	\$ 11,100	\$ 17,972.30	\$ 4,700	\$ 3,000	\$ 2,000	\$ 2,000	\$ 11,100			
3	Water Main (8-inch DI Class 52)	LF	3,142	\$ 75.00	\$ 235,650.00	\$ 85.00	\$ 267,070.00	\$ 125.00	\$ 392,750.00	\$ 96.00	\$ 301,635.00	\$ 106.00	\$ 333,092.00	\$ 115.00	\$ 360,390.00	\$ 120.00	\$ 377,040.00	\$ 96.90	\$ 304,459.00	\$ 113.81	\$ 357,992.00	\$ 109.91	\$ 332,991.00	\$ 113.81	\$ 357,991.00	\$ 85.00	\$ 267,070.00	\$ 125.00			
4	Water Main (6-inch DI Class 52)	LF	4,099	\$ 87.00	\$ 356,613.00	\$ 90.00	\$ 368,910.00	\$ 120.00	\$ 491,880.00	\$ 94.00	\$ 385,306.00	\$ 150.00	\$ 614,850.00	\$ 120.00	\$ 491,880.00	\$ 110.00	\$ 450,890.00	\$ 115.00	\$ 471,385.00	\$ 124.15	\$ 508,890.85	\$ 115.39	\$ 471,385.00	\$ 124.15	\$ 508,890.85	\$ 90.00	\$ 368,910.00	\$ 120.00	\$ 491,880.00		
5	Water Main (8-inch DI Class 52)	LF	7,059	\$ 96.00	\$ 677,664.00	\$ 100.00	\$ 705,900.00	\$ 135.00	\$ 952,365.00	\$ 107.00	\$ 755,313.00	\$ 180.00	\$ 1,270,620.00	\$ 150.00	\$ 1,058,850.00	\$ 125.00	\$ 882,375.00	\$ 125.00	\$ 882,375.00	\$ 150.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	\$ 1,050.00	
6	Water Main (10-inch DI Class 52)	LF	497	\$ 130.00	\$ 64,610.00	\$ 145.00	\$ 72,065.00	\$ 145.00	\$ 72,065.00	\$ 125.00	\$ 62,125.00	\$ 200.00	\$ 99,400.00	\$ 175.00	\$ 87,075.00	\$ 145.00	\$ 72,065.00	\$ 145.00	\$ 72,065.00	\$ 145.00	\$ 72,065.00	\$ 145.00	\$ 72,065.00	\$ 145.00	\$ 72,065.00	\$ 145.00	\$ 72,065.00	\$ 145.00	\$ 72,065.00	\$ 145.00	\$ 72,065.00
7	Connections to Existing Water Mains	EA	8	\$ 3,500.00	\$ 28,000.00	\$ 3,500.00	\$ 28,000.00	\$ 6,000.00	\$ 48,000.00	\$ 4,800.00	\$ 38,400.00	\$ 6,000.00	\$ 48,000.00	\$ 7,000.00	\$ 56,000.00	\$ 9,000.00	\$ 72,000.00	\$ 10,000.00	\$ 80,000.00	\$ 9,950.00	\$ 79,600.00	\$ 6,511.25	\$ 51,690.00	\$ 6,500.00	\$ 51,600.00	\$ 2,000.00	\$ 16,000.00	\$ 10,000.00	\$ 80,000.00		
8	Fire Hydrant Assembly	EA	17	\$ 5,380.00	\$ 91,460.00	\$ 5,300.00	\$ 90,100.00	\$ 8,500.00	\$ 144,500.00	\$ 6,600.00	\$ 112,200.00	\$ 8,000.00	\$ 136,000.00	\$ 5,500.00	\$ 93,500.00	\$ 6,000.00	\$ 102,000.00	\$ 5,500.00	\$ 93,500.00	\$ 6,000.00	\$ 102,000.00	\$ 6,000.00	\$ 102,000.00	\$ 6,000.00	\$ 102,000.00	\$ 6,000.00	\$ 102,000.00	\$ 6,000.00	\$ 102,000.00	\$ 6,000.00	\$ 102,000.00
9	Gate Valve (6-inch)	EA	10	\$ 1,650.00	\$ 16,500.00	\$ 800.00	\$ 8,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00	\$ 1,200.00	\$ 12,000.00
10	Gate Valve (6-inch)	EA	10	\$ 2,500.00	\$ 25,000.00	\$ 1,000.00	\$ 10,000.00	\$ 1,400.00	\$ 14,000.00	\$ 1,300.00	\$ 13,000.00	\$ 1,500.00	\$ 15,000.00	\$ 1,500.00	\$ 15,000.00	\$ 1,375.00	\$ 13,750.00	\$ 1,375.00	\$ 13,750.00	\$ 1,500.00	\$ 15,000.00	\$ 1,500.00	\$ 15,000.00	\$ 1,500.00	\$ 15,000.00	\$ 1,500.00	\$ 15,000.00	\$ 1,500.00	\$ 15,000.00	\$ 1,500.00	\$ 15,000.00
11	Gate Valve (8-inch)	EA	22	\$ 3,000.00	\$ 66,000.00	\$ 1,500.00	\$ 33,000.00	\$ 2,000.00	\$ 44,000.00	\$ 2,000.00	\$ 44,000.00	\$ 1,800.00	\$ 39,600.00	\$ 2,200.00	\$ 48,400.00	\$ 1,800.00	\$ 39,600.00	\$ 1,800.00	\$ 39,600.00	\$ 2,200.00	\$ 48,400.00	\$ 2,200.00	\$ 48,400.00	\$ 2,200.00	\$ 48,400.00	\$ 2,200.00	\$ 48,400.00	\$ 2,200.00	\$ 48,400.00	\$ 2,200.00	\$ 48,400.00
12	Gate Valve (10-inch)	EA	7	\$ 4,000.00	\$ 28,000.00	\$ 2,000.00	\$ 14,000.00	\$ 3,000.00	\$ 21,000.00	\$ 2,000.00	\$ 14,000.00	\$ 4,000.00	\$ 28,000.00	\$ 3,000.00	\$ 21,000.00	\$ 2,500.00	\$ 17,500.00	\$ 2,500.00	\$ 17,500.00	\$ 3,000.00	\$ 21,000.00	\$ 3,000.00	\$ 21,000.00	\$ 3,000.00	\$ 21,000.00	\$ 3,000.00	\$ 21,000.00	\$ 3,000.00	\$ 21,000.00	\$ 3,000.00	\$ 21,000.00
13	Blow-off Valve (4-inch)	EA	11	\$ 1,800.00	\$ 19,800.00	\$ 2,000.00	\$ 22,000.00	\$ 2,200.00	\$ 24,200.00	\$ 2,400.00	\$ 26,400.00	\$ 2,000.00	\$ 22,000.00	\$ 2,500.00	\$ 27,500.00	\$ 2,500.00	\$ 27,500.00	\$ 2,500.00	\$ 27,500.00	\$ 2,500.00	\$ 27,500.00	\$ 2,500.00	\$ 27,500.00	\$ 2,500.00	\$ 27,500.00	\$ 2,500.00	\$ 27,500.00	\$ 2,500.00	\$ 27,500.00	\$ 2,500.00	\$ 27,500.00
14	Manual Air Vent Assembly	EA	19	\$ 2,100.00	\$ 39,900.00	\$ 2,250.00	\$ 42,750.00	\$ 2,100.00	\$ 39,900.00	\$ 3,800.00	\$ 72,100.00	\$ 2,000.00	\$ 38,000.00	\$ 2,750.00	\$ 52,250.00	\$ 2,250.00	\$ 42,750.00	\$ 2,250.00	\$ 42,750.00	\$ 2,250.00	\$ 42,750.00	\$ 2,250.00	\$ 42,750.00	\$ 2,250.00	\$ 42,750.00	\$ 2,250.00	\$ 42,750.00	\$ 2,250.00	\$ 42,750.00	\$ 2,250.00	\$ 42,750.00
15	Type K Copper Service Lines	EA	280	\$ 600.00	\$ 168,000.00	\$ 1,050.00	\$ 294,000.00	\$ 1,100.00	\$ 308,000.00	\$ 476,000.00	\$ 1,308,000.00	\$ 2,000.00	\$ 560,000.00	\$ 1,700.00	\$ 476,000.00	\$ 3,000.00	\$ 840,000.00	\$ 2,100.00	\$ 588,000.00	\$ 4,300.00	\$ 1,204,000.00	\$ 3,800.00	\$ 1,064,000.00	\$ 2,100.00	\$ 588,000.00	\$ 4,300.00	\$ 1,204,000.00	\$ 3,800.00	\$ 1,064,000.00	\$ 2,100.00	\$ 588,000.00
16	Demolition of Existing Asphalt Concrete Pavement (including subbase)	SY	11,979	\$ 8.50	\$ 101,821.50	\$ 7.00	\$ 83,853.00	\$ 9.00	\$ 107,811.00	\$ 5.50	\$ 65,884.50	\$ 4.00	\$ 47,916.00	\$ 15.00	\$ 179,685.00	\$ 4.00	\$ 47,916.00	\$ 50.00	\$ 598,950.00	\$ 24.70	\$ 295,881.30	\$ 14.90	\$ 176,499.00	\$ 8.00	\$ 65,884.50	\$ 4.00	\$ 47,916.00	\$ 15.00	\$ 179,685.00	\$ 4.00	\$ 47,916.00
17	Pavement Patch (Water Main)	LF	14,797	\$ 45.00	\$ 665,865.00	\$ 15.00	\$ 221,955.00	\$ 52.25	\$ 773,143.25	\$ 30.00	\$ 443,910.00	\$ 35.00	\$ 517,895.00	\$ 69.00	\$ 1,020,999.00	\$ 35.00	\$ 517,895.00	\$ 69.00	\$ 1,020,999.00	\$ 35.00	\$ 517,895.00	\$ 69.00	\$ 1,020,999.00	\$ 35.00	\$ 517,895.00	\$ 69.00	\$ 1,020,999.00	\$ 35.00	\$ 517,895.00	\$ 69.00	\$ 1,020,999.00
18	Abandon 4-inch Pipe with Flowable Fill (Including Valves, and Valve Boxes)	LF	2,232	\$ 6.50	\$ 14,508.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00	\$ 4.00	\$ 8,928.00
19	Abandon 6-inch Pipe with Flowable Fill (Including Valves, and Valve Boxes)	LF	10,187	\$ 8.00	\$ 81,496.00	\$ 2.00	\$ 20,374.00	\$ 4.00	\$ 40,748.00	\$ 10.00	\$ 101,870.00	\$ 4.00	\$ 40,748.00	\$ 5.00	\$ 50,935.00	\$ 5.00	\$ 50,935.00	\$ 5.00	\$ 50,935.00	\$ 7.00	\$ 71,309.00	\$ 7.75	\$ 77.50	\$ 5.00	\$ 40,748.00	\$ 10.00	\$ 101,870.00	\$ 4.00	\$ 40,748.00	\$ 10.00	\$ 101,870.00
20	Abandon 8-inch Pipe with Flowable Fill (Including Valves, and Valve Boxes)	LF	1,155	\$ 11.50	\$ 13,282.50	\$ 6.00	\$ 6,930.00	\$ 11.00	\$ 12,705.00	\$ 11.00	\$ 12,705.00	\$ 4.00	\$ 4,620.00	\$ 7.00	\$ 8,085.00	\$ 5.00	\$ 5,775.00	\$ 20.00	\$ 23,100.00	\$ 11.45	\$ 13,224.75	\$ 9.43	\$ 9.00	\$ 4.00	\$ 4,620.00	\$ 11.00	\$ 12,705.00	\$ 11.00	\$ 12,705.00	\$ 4.00	\$ 4,620.00
21	Abandon 10-inch Pipe with Flowable Fill (Including Valves, and Valve Boxes)	LF	502	\$ 12.50	\$ 6,275.00	\$ 3.00	\$ 1,500.00	\$ 15.00	\$ 7,500.00	\$ 4.00	\$ 2,000.00	\$ 7.00	\$ 3,500.00	\$ 5.00	\$ 3,500.00	\$ 5.00	\$ 3,500.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00	\$ 14,000.00
22	Remove Fire Hydrant	EA	14	\$ 950.00	\$ 13,300.00	\$ 500.00	\$ 7,000.00	\$ 975.00	\$ 13,650.00	\$ 1,200.00	\$ 16,800.00	\$ 600.00	\$ 8,400.00	\$ 1,000.00	\$ 14,000.00	\$ 1,000.00	\$ 14,000.00	\$ 1,000.00	\$ 14,000.00	\$ 1,000.00	\$ 14,000.00	\$ 1,000.00	\$ 14,000.00	\$ 1,000.00	\$ 14,000.00	\$ 1,000.00	\$ 14,000.00	\$ 1,000.00	\$ 14,000.00	\$ 1,000.00	\$ 14,000.00
23	Neoprene Pad	EA	20	\$ 300.00	\$ 6,000.00	\$ 0.25	\$ 5.00	\$ 5.00	\$ 100.00	\$ 2.00	\$ 40.00	\$ 1.00	\$ 20.00	\$ 250.00	\$ 5,000.00	\$ 5.00	\$ 100.00	\$ 250.00	\$ 5,000.00	\$ 5.00	\$ 100.00	\$ 250.00	\$ 5,000.00	\$ 5.00	\$ 100.00	\$ 250.00	\$ 5,000.00	\$ 5.00	\$ 100.00	\$ 250.00	\$ 5,000.00
24	Select Material Used in Trench Backfilling (Min CBR 15)	CY	5,261	\$ 27.00	\$ 142,053.00	\$ 15.00	\$ 78,915.00	\$ 27.00	\$ 142,053.00	\$ 30.00	\$ 157,830.00	\$ 35.00	\$ 184,155.00	\$ 40.00	\$ 211,640.00	\$ 40.00	\$ 211,640.00	\$ 40.00	\$ 211,640.00	\$ 40.00	\$ 211,640.00	\$ 40.00	\$ 211,640.00	\$ 40.00	\$ 211,640.00	\$ 40.00	\$ 211,640.00	\$ 40.00	\$ 211,640.00	\$ 40.00	\$ 211,640.00
25	Sawcut, Remove, Dispose, and Replace Concrete Driveway Pavement	SY	95	\$ 95.00	\$ 9,025.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00	\$ 100.00	\$ 9,500.00
26	Remove, Dispose, and Replace Concrete Sidewalk	SY	4	\$ 200.00	\$ 800.00	\$ 90.00	\$ 360.00	\$ 90.00	\$ 360.00	\$ 90.00	\$ 360.00	\$ 240.00	\$ 960.00	\$ 80.00	\$ 320.00	\$ 80.00	\$ 320.00	\$ 200.00	\$ 800.00	\$ 443.75	\$ 1,773.00	\$ 163.59	\$ 65.00	\$ 260.00	\$ 60.00	\$ 240.00	\$ 90.00	\$ 360.00	\$ 90.00	\$ 360.00	
27	18" Curb and Gutter Replacement Along WM Alignment	LF	159	\$ 60.00	\$ 9,540.00	\$ 40.00	\$ 6,360.00	\$ 55.00	\$ 8,745.00																						

38	4-inch DI Force Main	LF	22	5	95.00	\$	2,099.00	\$	200.00	\$	4,400.00	\$	600.00	\$	13,200.00	\$	380.00	\$	8,360.00	\$	200.00	\$	4,400.00	\$	800.00	\$	17,600.00	\$	295.00	\$	6,490.00	\$	500.00	\$	11,000.00	\$	625.00	\$	13,750.00	\$	450.00	\$	440.00	\$	200.00	\$	800.00		
39	6-inch DI Force Main	LF	606	5	150.00	\$	115,140.00	\$	110.00	\$	66,600.00	\$	128.00	\$	77,568.00	\$	123.00	\$	73,260.00	\$	200.00	\$	123,200.00	\$	145.00	\$	87,870.00	\$	125.00	\$	75,750.00	\$	130.00	\$	66,600.00	\$	218.00	\$	132,108.00	\$	144.63	\$	126.50	\$	110.00	\$	218.00		
40	Manual Air Vent Assembly	EA	1	5	2,100.00	\$	2,100.00	\$	2,500.00	\$	2,500.00	\$	2,800.00	\$	3,200.00	\$	3,600.00	\$	4,000.00	\$	4,400.00	\$	4,800.00	\$	5,200.00	\$	5,600.00	\$	6,000.00	\$	6,400.00	\$	6,800.00	\$	7,200.00	\$	7,600.00	\$	8,000.00	\$	8,400.00	\$	8,800.00	\$	9,200.00	\$	9,600.00		
41	Connect to Existing FM	EA	2	5	4,250.00	\$	8,500.00	\$	15,000.00	\$	30,000.00	\$	2,000.00	\$	9,500.00	\$	20,000.00	\$	15,000.00	\$	4,000.00	\$	10,000.00	\$	5,000.00	\$	10,000.00	\$	15,000.00	\$	20,000.00	\$	25,000.00	\$	30,000.00	\$	35,000.00	\$	40,000.00	\$	45,000.00	\$	50,000.00	\$	55,000.00	\$	60,000.00		
42	Connect to Existing Manhole	EA	1	5	3,350.00	\$	3,350.00	\$	4,000.00	\$	3,300.00	\$	3,300.00	\$	8,300.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00	\$	2,000.00		
43	Demolition of Existing Asphalt Concrete Pavement (Including Subbase)	DY	419	5	2,850	\$	3,558.67	\$	8.75	\$	3,666.25	\$	6.00	\$	2,514.00	\$	5.50	\$	2,304.50	\$	20.00	\$	8,380.00	\$	15.00	\$	2,490.00	\$	5.00	\$	2,095.00	\$	40.00	\$	16,790.00	\$	15.70	\$	6,578.30	\$	14.87	\$	12.23	\$	5.90	\$	40.00		
44	Pavement Patch (Force Main)	LF	628	5	45.00	\$	28,260.00	\$	42.00	\$	26,376.00	\$	40.00	\$	25,170.00	\$	52.25	\$	32,813.00	\$	30.00	\$	18,840.00	\$	35.00	\$	21,980.00	\$	69.00	\$	43,313.00	\$	32.00	\$	20,096.40	\$	63.55	\$	39,906.40	\$	45.48	\$	41.00	\$	30.00	\$	69.00		
45	Abandon 6-inch Pipe with Flowable Fill (Including Valves and Valve Boxes)	LF	584	5	8.00	\$	4,672.00	\$	5.00	\$	2,920.00	\$	4.00	\$	2,336.00	\$	22.00	\$	12,848.00	\$	10.00	\$	5,840.00	\$	5.00	\$	2,920.00	\$	11.00	\$	6,424.00	\$	35.00	\$	20,440.00	\$	5.75	\$	3,358.00	\$	12.22	\$	7.88	\$	4.00	\$	35.00		
46	Select Material Used in Trench Backfilling (Min. CBR 15)	DY	6	5	27.00	\$	158.40	\$	1.00	\$	6.00	\$	468.00	\$	125.00	\$	750.00	\$	30.00	\$	180.00	\$	180.00	\$	750.00	\$	180.00	\$	180.00	\$	750.00	\$	180.00	\$	750.00	\$	180.00	\$	750.00	\$	180.00	\$	750.00	\$	180.00	\$	750.00		
47	Test Pits	EA	2	5	650.00	\$	1,300.00	\$	50.00	\$	100.00	\$	500.00	\$	900.00	\$	1,000.00	\$	1,100.00	\$	1,200.00	\$	1,300.00	\$	1,400.00	\$	1,500.00	\$	1,600.00	\$	1,700.00	\$	1,800.00	\$	1,900.00	\$	2,000.00	\$	2,100.00	\$	2,200.00	\$	2,300.00	\$	2,400.00	\$	2,500.00		
48	12" Curb and Gutter Replacement Along FM Alignment	LF	5	5	55.00	\$	275.00	\$	42.00	\$	210.00	\$	100.00	\$	500.00	\$	107.00	\$	535.00	\$	35.00	\$	175.00	\$	50.00	\$	250.00	\$	60.00	\$	300.00	\$	150.00	\$	750.00	\$	150.00	\$	750.00	\$	150.00	\$	750.00	\$	150.00	\$	750.00		
49	Pump and Haul in PS 347	HR	8	5	1,050.00	\$	8,400.00	\$	800.00	\$	6,400.00	\$	780.00	\$	6,240.00	\$	750.00	\$	6,000.00	\$	400.00	\$	3,200.00	\$	400.00	\$	3,200.00	\$	400.00	\$	3,200.00	\$	400.00	\$	3,200.00	\$	400.00	\$	3,200.00	\$	400.00	\$	3,200.00	\$	400.00	\$	3,200.00		
	<b>Force Main Sub-Total:</b>						<b>\$ 177,844.07</b>				<b>\$ 147,238.25</b>				<b>\$ 139,046.00</b>						<b>\$ 169,886.50</b>																												
	<b>Gravity Sewer</b>																																																
50	8" PVC SDR 26 Gravity Sewer (0'-6")	LF	282	5	110.00	\$	31,020.00	\$	100.00	\$	28,200.00	\$	180.00	\$	56,760.00	\$	180.00	\$	30,480.00	\$	180.00	\$	56,760.00	\$	180.00	\$	56,760.00	\$	200.00	\$	56,400.00	\$	165.00	\$	46,530.00	\$	268.25	\$	75,645.00	\$	172.91	\$	172.50	\$	180.00	\$	268.25		
51	8" PVC SDR 26 Gravity Sewer (0'-12")	LF	221	5	142.00	\$	31,382.00	\$	150.00	\$	33,150.00	\$	225.00	\$	49,725.00	\$	160.00	\$	35,360.00	\$	300.00	\$	66,300.00	\$	325.00	\$	71,875.00	\$	225.00	\$	43,095.00	\$	195.00	\$	28,005.00	\$	360.00	\$	51,600.00	\$	242.51	\$	225.00	\$	360.00	\$	516.00		
52	8" DI Gravity Sewer, Prestecto 401 Lined (0'-12")	LF	30	5	150.00	\$	4,500.00	\$	200.00	\$	6,000.00	\$	800.00	\$	15,000.00	\$	350.00	\$	10,500.00	\$	340.00	\$	10,200.00	\$	750.00	\$	22,500.00	\$	225.00	\$	6,750.00	\$	500.00	\$	15,000.00	\$	404.50	\$	12,135.00	\$	409.06	\$	128.75	\$	200.00	\$	740.00		
53	8" PVC SDR 26 Gravity Sewer Point Repair (0'-6")	LF	60	5	880.00	\$	52,800.00	\$	300.00	\$	18,000.00	\$	800.00	\$	48,000.00	\$	360.00	\$	21,600.00	\$	800.00	\$	48,000.00	\$	350.00	\$	21,000.00	\$	800.00	\$	48,000.00	\$	350.00	\$	21,000.00	\$	800.00	\$	48,000.00	\$	350.00	\$	21,000.00	\$	800.00	\$	48,000.00		
54	8" PVC SDR 26 Gravity Sewer Point Repair (0'-12")	LF	54	5	910.00	\$	49,140.00	\$	450.00	\$	24,300.00	\$	800.00	\$	43,200.00	\$	875.00	\$	47,325.00	\$	1,200.00	\$	60,000.00	\$	475.00	\$	24,500.00	\$	800.00	\$	43,200.00	\$	350.00	\$	18,900.00	\$	800.00	\$	43,200.00	\$	806.48	\$	418.43	\$	200.00	\$	740.00		
55	8" PVC C900 Gravity Sewer Point Repair (12'-15")	LF	10	5	975.00	\$	9,750.00	\$	2,000.00	\$	20,000.00	\$	2,000.00	\$	20,000.00	\$	1,545.00	\$	15,450.00	\$	1,200.00	\$	12,000.00	\$	1,500.00	\$	15,000.00	\$	800.00	\$	8,000.00	\$	9,000.00	\$	9,000.00	\$	9,000.00	\$	3,345.25	\$	33,452.50	\$	1,601.28	\$	1,522.50	\$	800.00	\$	3,345.25
56	8" DI Gravity Sewer, Prestecto 401 Lined, Point Repair (0'-6")	LF	38	5	970.00	\$	36,860.00	\$	400.00	\$	1,600.00	\$	825.00	\$	31,800.00	\$	375.00	\$	14,250.00	\$	800.00	\$	32,000.00	\$	300.00	\$	12,000.00	\$	800.00	\$	32,000.00	\$	300.00	\$	12,000.00	\$	800.00	\$	32,000.00	\$	300.00	\$	12,000.00	\$	800.00	\$	32,000.00		
57	4" PVC SDR 26 Lateral Service Connection	LF	861	5	75.00	\$	64,545.00	\$	80.00	\$	68,880.00	\$	110.00	\$	95,700.00	\$	71.50	\$	61,567.50	\$	100.00	\$	80,000.00	\$	75.00	\$	64,500.00	\$	180.00	\$	126,000.00	\$	80.00	\$	72,000.00	\$	200.00	\$	150,000.00	\$	112.19	\$	95.00	\$	71.50	\$	53.00		
58	4" PVC C900 Lateral Service Connection	LF	30	5	95.00	\$	2,850.00	\$	100.00	\$	3,000.00	\$	60.00	\$	1,800.00	\$	145.00	\$	4,350.00	\$	80.00	\$	2,400.00	\$	150.00	\$	3,600.00	\$	180.00	\$	5,400.00	\$	200.00	\$	6,000.00	\$	2,100.00	\$	6,300.00	\$	1,407.2	\$	1,472.50	\$	60.00	\$	210.75		
59	Service Wye for 4" PVC SDR 26 Lateral Service (R' Main)	EA	18	5	180.00	\$	3,240.00	\$	300.00	\$	1,800.00	\$	130.00	\$	2,340.00	\$	400.00	\$	7,000.00	\$	500.00	\$	2,500.00	\$	800.00	\$	3,400.00	\$	575.00	\$	10,350.00	\$	350.00	\$	1,950.00	\$	3,500.00	\$	4,000.00	\$	4,500.00	\$	5,000.00	\$	5,500.00	\$	6,000.00		
60	Service Wye for 4" PVC C900 Lateral Service (R' Main)	EA	1	5	220.00	\$	2,200.00	\$	300.00	\$	3,000.00	\$	650.00	\$	3,250.00	\$	1,000.00	\$	4,250.00	\$	900.00	\$	3,600.00	\$	500.00	\$	1,500.00	\$	850.00	\$	3,250.00	\$	900.00	\$	3,150.00	\$	3,150.00	\$	3,150.00	\$	3,150.00	\$	3,150.00	\$	3,150.00	\$	3,150.00		
61	Sanitary Manhole (48" diameter)	WF	6	5	980.00	\$	5,880.00	\$	1,000.00	\$	6,000.00	\$	3,600.00	\$	21,600.00	\$	4,210.00	\$	21,600.00	\$	6,000.00	\$	36,000.00	\$	3,600.00	\$	21,600.00	\$	3,600.00	\$	21,600.00	\$	3,600.00	\$	21,600.00	\$	3,600.00	\$	21,600.00	\$	3,600.00	\$	21,600.00	\$	3,600.00	\$	21,600.00		
62	Sanitary Manhole (60" diameter)	WF	13	5	1,265.00	\$	16,445.00	\$	1,400.00	\$	18,200.00	\$	2,500.00	\$	31,500.00	\$	1,700.00	\$	21,700.00	\$	13,000.00	\$	16,300.00	\$	2,500.00	\$	31,500.00	\$	2,500.00	\$	31,500.00	\$	2,500.00	\$	31,500.00	\$	2,500.00	\$	31,500.00	\$	2,500.00	\$							