

Bid Tabulation: Construction of Service Areas 243 & 248 Sanitary Sewer Rehabilitation Phase 1A
February 13, 2019

CIP Number: 6-508, Bid Number: PUCN-19-0059

Bid Item	Item	Quantity	Unit	Engineer's Estimate		Peters and White Construction Company		Tidewater Utility Construction, Inc.		TA Sheets General Contractors, Inc.		Gaston Brothers Utilities, LLC	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization	1	LS	\$315,884.00	\$ 315,884.00	\$180,000.00	\$ 180,000.00	\$300,000.00	\$ 300,000.00	\$300,000.00	\$ 300,000.00	\$442,707.00	\$ 442,707.00
2	Storm Sewer Pipe (15" RCP, Class III)	24	LF	\$ 182.00	\$ 4,368.00	\$ 150.00	\$ 3,600.00	\$ 180.00	\$ 4,320.00	\$ 125.00	\$ 3,000.00	\$ 400.00	\$ 9,600.00
3	Storm Sewer Pipe (18" RCP, Class III)	24	LF	\$ 205.00	\$ 4,920.00	\$ 200.00	\$ 4,800.00	\$ 180.00	\$ 4,320.00	\$ 150.00	\$ 3,600.00	\$ 400.00	\$ 9,600.00
4	Storm Sewer Pipe (36" RCP, Class III)	8	LF	\$ 285.00	\$ 2,280.00	\$ 1,000.00	\$ 8,000.00	\$ 650.00	\$ 5,200.00	\$ 300.00	\$ 2,400.00	\$ 600.00	\$ 4,800.00
5	Crossing of 60" RCP	1	LS	\$ 34,200.00	\$ 34,200.00	\$ 12,500.00	\$ 12,500.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$150,000.00	\$ 150,000.00
6	Offset Existing Pump Station Water Service	80	LF	\$ 25.00	\$ 2,000.00	\$ 65.00	\$ 5,200.00	\$ 70.00	\$ 5,600.00	\$ 100.00	\$ 8,000.00	\$ 50.00	\$ 4,000.00
7	Relocate Existing Water Meter and Service Line	6	EA	\$ 228.00	\$ 1,368.00	\$ 1,000.00	\$ 6,000.00	\$ 1,250.00	\$ 7,500.00	\$ 3,000.00	\$ 18,000.00	\$ 5,000.00	\$ 30,000.00
8	Offset of Existing Watermain (6" DIP)	180	LF	\$ 175.00	\$ 31,500.00	\$ 125.00	\$ 22,500.00	\$ 250.00	\$ 45,000.00	\$ 200.00	\$ 36,000.00	\$ 350.00	\$ 63,000.00
9	Force Main (8" DIP)	48	LF	\$ 150.00	\$ 7,200.00	\$ 200.00	\$ 9,600.00	\$ 235.00	\$ 11,280.00	\$ 200.00	\$ 9,600.00	\$ 350.00	\$ 16,800.00
10	Force Main (12" DIP)	432	LF	\$ 175.00	\$ 75,600.00	\$ 200.00	\$ 86,400.00	\$ 350.00	\$ 151,200.00	\$ 200.00	\$ 86,400.00	\$ 350.00	\$ 151,200.00
11	Gate Valve (8") (For Sewer)	1	EA	\$ 3,500.00	\$ 3,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,150.00	\$ 2,150.00	\$ 2,000.00	\$ 2,000.00	\$ 2,400.00	\$ 2,400.00
12	Manual Air Vent Assembly	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 8,000.00	\$ 2,500.00	\$ 5,000.00	\$ 2,000.00	\$ 4,000.00	\$ 2,500.00	\$ 5,000.00
13	Force Main Tie-ins	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 17,500.00	\$ 17,500.00	\$ 30,000.00	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00	\$150,000.00	\$ 150,000.00
14	Gravity Sewer Pipe (8" PVC SDR 26, 0-6')	2,000	LF	\$ 95.00	\$ 190,000.00	\$ 88.00	\$ 176,000.00	\$ 105.00	\$ 210,000.00	\$ 200.00	\$ 400,000.00	\$ 250.00	\$ 500,000.00
15	Gravity Sewer Pipe (8" PVC SDR 26, 6-12')	4,080	LF	\$ 140.00	\$ 571,200.00	\$ 125.00	\$ 510,000.00	\$ 150.00	\$ 612,000.00	\$ 365.00	\$ 1,489,200.00	\$ 275.00	\$ 1,122,000.00
16	Gravity Sewer Pipe (8" PVC C-900 DR-18, 12-16')	990	LF	\$ 210.00	\$ 207,900.00	\$ 335.00	\$ 331,650.00	\$ 350.00	\$ 346,500.00	\$ 400.00	\$ 396,000.00	\$ 450.00	\$ 445,500.00
17	Gravity Sewer Pipe (10" PVC SDR 26, 6-12')	1,080	LF	\$ 150.00	\$ 162,000.00	\$ 140.00	\$ 151,200.00	\$ 165.00	\$ 178,200.00	\$ 385.00	\$ 415,800.00	\$ 250.00	\$ 270,000.00
18	Gravity Sewer Pipe (12" PVC SDR 26, 6-12')	1,050	LF	\$ 170.00	\$ 178,500.00	\$ 160.00	\$ 168,000.00	\$ 165.00	\$ 173,250.00	\$ 385.00	\$ 404,250.00	\$ 275.00	\$ 288,750.00
19	Gravity Sewer Pipe (12" PVC C-900 DR-18, 12-16')	1,100	LF	\$ 217.00	\$ 238,700.00	\$ 400.00	\$ 440,000.00	\$ 365.00	\$ 401,500.00	\$ 650.00	\$ 715,000.00	\$ 550.00	\$ 605,000.00
20	Gravity Sewer Pipe (12" DI, 12-16')	60	LF	\$ 251.00	\$ 15,060.00	\$ 800.00	\$ 48,000.00	\$ 900.00	\$ 54,000.00	\$ 500.00	\$ 30,000.00	\$ 1,000.00	\$ 60,000.00
21	Service Wyes or Tee (4" PVC) SDR 26	163	EA	\$ 480.00	\$ 78,240.00	\$ 200.00	\$ 32,600.00	\$ 180.00	\$ 29,340.00	\$ 500.00	\$ 81,500.00	\$ 350.00	\$ 57,050.00
22	Service Wyes or Tee (4" PVC) C-900	33	EA	\$ 500.00	\$ 16,500.00	\$ 300.00	\$ 9,900.00	\$ 180.00	\$ 5,940.00	\$ 500.00	\$ 16,500.00	\$ 450.00	\$ 14,850.00
23	Lateral Service Connection (4" PVC) SDR 26	4,263	LF	\$ 91.00	\$ 387,933.00	\$ 80.00	\$ 341,040.00	\$ 65.00	\$ 277,095.00	\$ 85.00	\$ 362,355.00	\$ 200.00	\$ 852,600.00
24	Lateral Service Connection (4" PVC) C-900	780	LF	\$ 97.00	\$ 75,660.00	\$ 125.00	\$ 97,500.00	\$ 80.00	\$ 62,400.00	\$ 95.00	\$ 74,100.00	\$ 250.00	\$ 195,000.00
25	Clean-Out Assembly	196	EA	\$ 399.00	\$ 78,204.00	\$ 250.00	\$ 49,000.00	\$ 1,200.00	\$ 235,200.00	\$ 1,000.00	\$ 196,000.00	\$ 1,000.00	\$ 196,000.00
26	Sanitary Manholes (48" Diameter)	261	VF	\$ 700.00	\$ 182,870.63	\$ 675.00	\$ 176,175.00	\$ 950.00	\$ 247,950.00	\$ 1,000.00	\$ 261,000.00	\$ 1,500.00	\$ 391,500.00
27	Sanitary Manholes (60" Diameter)	225	VF	\$ 1,450.00	\$ 326,086.88	\$ 815.00	\$ 183,375.00	\$ 1,000.00	\$ 225,000.00	\$ 1,200.00	\$ 270,000.00	\$ 2,000.00	\$ 450,000.00
28	Manhole Frames and Covers with Manhole Inserts	54	EA	\$ 975.00	\$ 52,650.00	\$ 1,000.00	\$ 54,000.00	\$ 180.00	\$ 9,720.00	\$ 600.00	\$ 32,400.00	\$ 1,000.00	\$ 54,000.00
29	Inside Drop Connection (6")	7	EA	\$ 1,368.00	\$ 9,576.00	\$ 950.00	\$ 6,650.00	\$ 450.00	\$ 3,150.00	\$ 2,500.00	\$ 17,500.00	\$ 1,000.00	\$ 7,000.00
30	Inside Drop Connection (8")	2	EA	\$ 1,596.00	\$ 3,192.00	\$ 1,200.00	\$ 2,400.00	\$ 900.00	\$ 1,800.00	\$ 3,000.00	\$ 6,000.00	\$ 1,500.00	\$ 3,000.00
31	Curb and Gutter	2,140	LF	\$ 55.00	\$ 117,700.00	\$ 40.00	\$ 85,600.00	\$ 18.00	\$ 38,520.00	\$ 30.00	\$ 64,200.00	\$ 65.00	\$ 139,100.00
32	Concrete Driveway (Replace)	58	SY	\$ 85.00	\$ 4,930.00	\$ 150.00	\$ 8,700.00	\$ 100.00	\$ 5,800.00	\$ 150.00	\$ 8,700.00	\$ 150.00	\$ 8,700.00
33	Remove (Existing Conflict Pipes)	1	EA	\$ 1,368.00	\$ 1,368.00	\$ 500.00	\$ 500.00	\$ 4,400.00	\$ 4,400.00	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00
34	Abandon Pipe (8" Gravity Sewer)	3,197	LF	\$ 11.00	\$ 35,167.00	\$ 7.00	\$ 22,379.00	\$ 35.00	\$ 111,895.00	\$ 10.00	\$ 31,970.00	\$ 10.00	\$ 31,970.00
35	Abandon Pipe (10" Gravity Sewer)	870	LF	\$ 13.00	\$ 11,310.00	\$ 8.00	\$ 6,960.00	\$ 50.00	\$ 43,500.00	\$ 10.00	\$ 8,700.00	\$ 10.00	\$ 8,700.00
36	Abandon Pipe (12" Gravity Sewer)	646	LF	\$ 15.00	\$ 9,690.00	\$ 10.00	\$ 6,460.00	\$ 65.00	\$ 41,990.00	\$ 10.00	\$ 6,460.00	\$ 10.00	\$ 6,460.00
37	Abandon Pipe (8" Force Main)	60	LF	\$ 11.00	\$ 660.00	\$ 7.00	\$ 420.00	\$ 30.00	\$ 1,800.00	\$ 10.00	\$ 600.00	\$ 10.00	\$ 600.00
38	Abandon Pipe (12" Force Main)	220	LF	\$ 15.00	\$ 3,300.00	\$ 12.00	\$ 2,640.00	\$ 35.00	\$ 7,700.00	\$ 10.00	\$ 2,200.00	\$ 10.00	\$ 2,200.00
39	Abandon Valves and Valve Boxes	2	EA	\$ 570.00	\$ 1,140.00	\$ 1,000.00	\$ 2,000.00	\$ 500.00	\$ 1,000.00	\$ 300.00	\$ 600.00	\$ 500.00	\$ 1,000.00
40	Abandon Cleanout (Sanitary Sewer Mainline Cleanout)	7	EA	\$ 570.00	\$ 3,990.00	\$ 500.00	\$ 3,500.00	\$ 400.00	\$ 2,800.00	\$ 200.00	\$ 1,400.00	\$ 250.00	\$ 1,750.00
41	Abandon Manholes	12	EA	\$ 1,368.00	\$ 16,416.00	\$ 1,000.00	\$ 12,000.00	\$ 1,000.00	\$ 12,000.00	\$ 1,500.00	\$ 18,000.00	\$ 1,500.00	\$ 18,000.00
42	Post Installation Clean/TV of New & Replaced Pipelines	10,360	LF	\$ 3.00	\$ 31,080.00	\$ 3.00	\$ 31,080.00	\$ 3.00	\$ 31,080.00	\$ 2.00	\$ 20,720.00	\$ 2.50	\$ 25,900.00
43	Post Installation Clean/TV of Sanitary Sewer Laterals	5,043	LF	\$ 5.00	\$ 25,215.00	\$ 6.00	\$ 30,258.00	\$ 8.00	\$ 40,344.00	\$ 4.00	\$ 20,172.00	\$ 6.00	\$ 30,258.00
44	Type II Field Office (w/DSL Internet Service)	14	MON	\$ 2,280.00	\$ 31,920.00	\$ 1,500.00	\$ 21,000.00	\$ 1,800.00	\$ 25,200.00	\$ 1,500.00	\$ 21,000.00	\$ 2,500.00	\$ 35,000.00
45	Pavement Reconstruction	13,454	SY	\$ 45.00	\$ 605,450.00	\$ 25.00	\$ 336,350.00	\$ 75.00	\$ 1,009,050.00	\$ 65.00	\$ 874,510.00	\$ 35.00	\$ 470,890.00
Subtotal Sewer System Improvements					\$ 4,185,428.50		\$ 3,713,937.00		\$ 5,031,694.00		\$ 6,742,837.00		\$ 7,332,885.00
Water System Improvements													
46	Water Main (4" DI)	189	LF	\$ 60.00	\$ 11,340.00	\$ 100.00	\$ 18,900.00	\$ 90.00	\$ 17,010.00	\$ 90.00	\$ 17,010.00	\$ 150.00	\$ 28,350.00
47	Water Main (6" DI)	781	LF	\$ 70.00	\$ 54,670.00	\$ 130.00	\$ 101,530.00	\$ 95.00	\$ 74,195.00	\$ 100.00	\$ 78,100.00	\$ 200.00	\$ 156,200.00
48	Water Main (8" DI)	40	LF	\$ 140.00	\$ 5,600.00	\$ 125.00	\$ 5,000.00	\$ 325.00	\$ 13,000.00	\$ 120.00	\$ 4,800.00	\$ 400.00	\$ 16,000.00
49	Water Main (12" DI)	64	LF	\$ 160.00	\$ 10,240.00	\$ 200.00	\$ 12,800.00	\$ 375.00	\$ 24,000.00	\$ 200.00	\$ 12,800.00	\$ 550.00	\$ 35,200.00
50	Gave Valve (4") (For Water)	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,300.00	\$ 1,300.00	\$ 900.00	\$ 900.00	\$ 900.00	\$ 900.00
51	Gave Valve (6") (For Water)	20	EA	\$ 2,500.00	\$ 50,000.00	\$ 1,500.00	\$ 30,000.00	\$ 1,500.00	\$ 30,000.00	\$ 1,200.00	\$ 24,000.00	\$ 1,150.00	\$ 23,000.00
52	Gave Valve (8") (For Water)	1	EA	\$ 3,500.00	\$ 3,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,800.00	\$ 1,800.00	\$ 1,650.00	\$ 1,650.00
53	Gave Valve (12") (For Water)	5	EA	\$ 4,500.00	\$ 22,500.00	\$ 3,500.00	\$ 17,500.00	\$ 3,200.00	\$ 16,000.00	\$ 2,500.00	\$ 12,500.00	\$ 3,000.00	\$ 15,000.00
54	Tapping Sleeve/Valve (6" x 4")	1	EA	\$ 5,500.00	\$ 5,500.00	\$ 5,000.00	\$ 5,000.00	\$ 4,700.00	\$ 4,700.00	\$ 5,000.00	\$ 5,000.00	\$ 7,250.00	\$ 7,250.00
55	Tapping Sleeve/Valve (12" x 6")	1	EA	\$ 8,500.00	\$ 8,500.00	\$ 8,500.00	\$ 8,500.00	\$ 7,000.00	\$ 7,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,500.00	\$ 8,500.00
56	Fire Hydrant Assembly	7	EA	\$ 6,500.00	\$ 45,500.00	\$ 4,500.00	\$ 31,500.00	\$ 4,800.00	\$ 33,600.00	\$ 5,000.00	\$ 35,000.00	\$ 4,850.00	\$ 33,950.00
57	Thrust Block Removal	49	CY	\$ 250.00	\$ 12,250.00	\$ 200.00	\$ 9,800.00	\$ 200.00	\$ 9,800.00	\$ 10.00	\$ 490.00	\$ 150.00	\$ 7,350.00
58	Abandon Pipe (4" Water Main)	163	LF	\$ 9.00	\$ 1,467.00	\$ 3.00	\$ 489.00	\$ 12.00	\$ 1,956.00	\$ 8.00	\$ 1,304.00	\$ 10.00	\$ 1,630.00
59	Abandon Pipe (6" Force Main)	470	LF	\$ 10.00	\$ 4,700.00	\$ 4.00	\$ 1,880.00	\$ 13.00	\$ 6,110.00	\$ 8.00	\$ 3,760.00	\$ 12.50	\$ 5,875.00
Subtotal Water System Improvements					\$ 237,267.00		\$ 245,899.00		\$ 240,671.00		\$ 202,464.00		\$ 340,855.00
Shared Water/Sewer System Improvements													
60	Additional Pipe Bedding (VDOT #57 Aggregate)	4,510	LF	\$ 30.00	\$ 135,300.00	\$ 25.00	\$ 112,750.00	\$ 1.00	\$ 4,510.00	\$ 10.00	\$ 45,100.00	\$ 10.00	\$ 45,100.00
61	Select Material (CBR>15, Used In Trench Backfilling)	19,120	CY	\$ 40.00	\$ 764,800.00	\$ 25.00	\$ 478,000.00	\$ 35.00	\$ 669,200.00	\$ 20.00	\$ 382,400.00	\$ 35.00	\$ 669,200.00
62	Pavement Patch (Utility Trenches)	6,900	LF	\$ 35.00	\$ 241,500.00	\$ 58.00	\$ 400,200.00	\$ 55.00	\$ 379,500.00	\$ 30.00	\$ 207,000.00	\$ 95.00	\$ 655,500.00
63	Allaying Dust	150	HRS	\$ 150.00	\$ 22,500.00	\$ 100.00	\$ 15,000.00	\$ 80.00	\$ 12,000.00	\$ 100.00	\$ 15,000.00	\$ 125.00	\$ 18,750.00
Subtotal Water/Sewer System Improvements					\$ 1,164,100.00		\$ 1,005,950.00		\$ 1,065,210.00		\$ 649,500.00		\$ 1,388,550.00
TOTAL ESTIMATE PHASE 1A					\$ 5,580,628.50		\$ 4,965,786.00		\$ 6,337,575.00		\$ 7,594,801.00		\$ 9,062,290.00