

Project Name: Pinetree Pump Station #252 Replacement and North Lynnhaven Road Gravity Sewer Replacement
 Bid Number: PUCN-17-0052
 Bid Date: May 24, 2017

Pinetree Pump Station #252 Engineer's Construction Cost Estimate						T.A. Sheets General Contractors, Inc.		Trident Civil, Inc.		Shaw Construction Corp.		Conquest USA, Inc.		
A. CIP 6-041														
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL ITEM PRICE	UNIT PRICE	TOTAL ITEM PRICE	UNIT PRICE	TOTAL ITEM PRICE	UNIT PRICE	TOTAL ITEM PRICE	UNIT PRICE	TOTAL ITEM PRICE	
1	Mobilization for Pumping Station	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 62,000.00	\$ 62,000.00	\$ 100,000.00	\$ 100,000.00	\$ 77,500.00	\$ 77,500.00	\$ 250,000.00	\$ 250,000.00	
2	New Pumping Station Complete in Place	1	LS	\$ 800,000.00	\$ 800,000.00	\$ 1,476,600.00	\$ 1,476,600.00	\$ 1,504,299.00	\$ 1,504,299.00	\$ 1,322,000.00	\$ 1,322,000.00	\$ 1,363,000.00	\$ 1,363,000.00	
3	Generator Concrete Base	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 1,300.00	\$ 1,300.00	\$ 2,500.00	\$ 2,500.00	\$ 7,000.00	\$ 7,000.00	\$ 3,000.00	\$ 3,000.00	
4	Demolition of Existing Station & Related Items	1	LS	\$ 80,000.00	\$ 80,000.00	\$ 40,000.00	\$ 40,000.00	\$ 56,000.00	\$ 56,000.00	\$ 30,000.00	\$ 30,000.00	\$ 42,000.00	\$ 42,000.00	
5	New Asphalt Drive and Base	300	SY	\$ 46.00	\$ 13,800.00	\$ 68.00	\$ 20,400.00	\$ 58.00	\$ 17,400.00	\$ 70.00	\$ 21,000.00	\$ 74.00	\$ 22,200.00	
6	Bypass Pumping	1	LS	\$ 45,000.00	\$ 45,000.00	\$ 38,000.00	\$ 38,000.00	\$ 7,100.00	\$ 7,100.00	\$ 24,000.00	\$ 24,000.00	\$ 40,500.00	\$ 40,500.00	
7	12" D.I. Gravity Sewer	14	LF	\$ 240.00	\$ 3,360.00	\$ 260.00	\$ 3,640.00	\$ 670.00	\$ 9,380.00	\$ 1,562.00	\$ 21,868.00	\$ 1,000.00	\$ 14,000.00	
8	14" D.I. Gravity Sewer	28	LF	\$ 260.00	\$ 7,280.00	\$ 500.00	\$ 14,000.00	\$ 655.00	\$ 18,340.00	\$ 1,124.00	\$ 31,472.00	\$ 800.00	\$ 22,400.00	
9	60" Dia. Manhole	16	VF	\$ 350.00	\$ 5,600.00	\$ 1,200.00	\$ 19,200.00	\$ 1,200.00	\$ 19,200.00	\$ 1,888.00	\$ 30,208.00	\$ 910.00	\$ 14,560.00	
10	Manhole Frame and Cover	1	EA	\$ 600.00	\$ 600.00	\$ 850.00	\$ 850.00	\$ 750.00	\$ 750.00	\$ 900.00	\$ 900.00	\$ 1,015.00	\$ 1,015.00	
11	Manhole Tie-In	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,300.00	\$ 2,300.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	
12	10" D.I. Force Main	106	LF	\$ 225.00	\$ 23,850.00	\$ 200.00	\$ 21,200.00	\$ 225.00	\$ 23,850.00	\$ 300.00	\$ 31,800.00	\$ 208.00	\$ 22,048.00	
13	Force Main Tie-In	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 3,400.00	\$ 3,400.00	\$ 13,000.00	\$ 13,000.00	\$ 9,000.00	\$ 9,000.00	\$ 6,700.00	\$ 6,700.00	
14	10" Outside Gate Valve and Box	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 11,350.00	\$ 11,350.00	\$ 13,000.00	\$ 13,000.00	\$ 2,500.00	\$ 2,500.00	\$ 4,000.00	\$ 4,000.00	
15	Emergency Conn. Incl. 6" G.V. & Box	1	LS	\$ 8,000.00	\$ 8,000.00	\$ 36.00	\$ 36.00	\$ 8,425.00	\$ 8,425.00	\$ 9,500.00	\$ 9,500.00	\$ 14,000.00	\$ 14,000.00	
16	Select Fill (In addition to that shown)	100	CY	\$ 40.00	\$ 4,000.00	\$ 36.00	\$ 3,600.00	\$ 20.00	\$ 2,000.00	\$ 38.00	\$ 3,800.00	\$ 62.00	\$ 6,200.00	
					TOTAL CIP 6-041	\$ 1,055,490.00	TOTAL CIP 6-041	\$ 1,718,076.00	TOTAL CIP 6-041	\$ 1,797,544.00	TOTAL CIP 6-041	\$ 1,629,048.00	TOTAL CIP 6-041	\$ 1,832,123.00
B. CIP 6-070														
17	Mobilization for Gravity Sewer	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00	\$ 17,500.00	\$ 17,500.00	\$ 29,000.00	\$ 29,000.00	\$ 63,000.00	\$ 63,000.00	
18	12" D.I. Gravity Sewer (12' - 18' Depth)	326	LF	\$ 240.00	\$ 78,240.00	\$ 260.00	\$ 84,760.00	\$ 600.00	\$ 195,600.00	\$ 803.00	\$ 261,778.00	\$ 505.00	\$ 164,630.00	
19	14" D.I. Gravity Sewer (14' - 16' Depth)	32	LF	\$ 260.00	\$ 8,320.00	\$ 500.00	\$ 16,000.00	\$ 400.00	\$ 12,800.00	\$ 1,160.00	\$ 37,120.00	\$ 600.00	\$ 19,200.00	
20	Large Sanitary Sewer Manhole	60	VF	\$ 300.00	\$ 18,000.00	\$ 970.00	\$ 58,200.00	\$ 674.00	\$ 40,440.00	\$ 1,845.00	\$ 110,700.00	\$ 1,200.00	\$ 72,000.00	
21	Watertight Manhole Frame & Cover	4	EA	\$ 1,060.00	\$ 4,240.00	\$ 650.00	\$ 2,600.00	\$ 600.00	\$ 2,400.00	\$ 1,000.00	\$ 4,000.00	\$ 830.00	\$ 3,320.00	
22	Manhole Dust Cover	4	EA	\$ 100.00	\$ 400.00	\$ 200.00	\$ 800.00	\$ 275.00	\$ 1,100.00	\$ 250.00	\$ 1,000.00	\$ 630.00	\$ 2,520.00	
23	Pipe Bedding	358	LF	\$ 13.00	\$ 4,654.00	\$ 12.00	\$ 4,296.00	\$ 25.00	\$ 8,950.00	\$ 38.00	\$ 13,604.00	\$ 19.00	\$ 6,802.00	
24	Coarse Aggregate Fill (per 6" Depth, ordered by inspector)	200	LF	\$ 13.00	\$ 2,600.00	\$ 8.00	\$ 1,600.00	\$ 10.00	\$ 2,000.00	\$ 38.00	\$ 7,600.00	\$ 26.00	\$ 5,200.00	
25	Select Material used in Trench Backfilling	700	CY	\$ 35.00	\$ 24,500.00	\$ 36.00	\$ 25,200.00	\$ 35.00	\$ 24,500.00	\$ 41.00	\$ 28,700.00	\$ 47.00	\$ 32,900.00	
26	Pavement Patching of Utility Trenches	370	LF	\$ 46.00	\$ 17,020.00	\$ 190.00	\$ 70,300.00	\$ 137.00	\$ 50,690.00	\$ 193.00	\$ 71,410.00	\$ 90.00	\$ 33,300.00	
27	Clean, CCTV, and Line Existing 12" Gravity Sewer	144	LF	\$ 100.00	\$ 14,400.00	\$ 115.00	\$ 16,560.00	\$ 100.00	\$ 14,400.00	\$ 60.00	\$ 8,640.00	\$ 110.00	\$ 15,840.00	
28	Post CCTV Gravity Sewer Replacement	353	LF	\$ 10.00	\$ 3,530.00	\$ 5.00	\$ 1,765.00	\$ 6.00	\$ 2,118.00	\$ 5.00	\$ 1,765.00	\$ 5.00	\$ 1,765.00	
29	Removal of Existing Gravity Sewer to include manholes, excavation and select backfill material	351	LF	\$ 72.00	\$ 25,272.00	\$ 100.00	\$ 35,100.00	\$ 30.00	\$ 10,530.00	\$ 180.00	\$ 63,180.00	\$ 130.00	\$ 45,630.00	
					TOTAL CIP 6-070	\$ 211,176.00	TOTAL CIP 6-070	\$ 329,181.00	TOTAL CIP 6-070	\$ 383,028.00	TOTAL CIP 6-070	\$ 638,497.00	TOTAL CIP 6-070	\$ 466,107.00
					TOTAL BASE BID (A+B)	\$ 1,266,666.00	TOTAL BASE BID (A+B)	\$ 2,047,257.00	TOTAL BASE BID (A+B)	\$ 2,180,572.00	TOTAL BASE BID (A+B)	\$ 2,267,545.00	TOTAL BASE BID (A+B)	\$ 2,298,230.00