

**Point O Woods Pump Station #259 and Gravity Sewer Replacement Design**

Bids Opened: 4/7/2021

Bid Item Number	Item	Unit	Quantity	Bidder		Bidder		Bidder		Bidder		Bidder		Extensions			Engineers OPCC	
				Bridgeman Civil		Trident Civil		Conquest USA, Inc.		Kevcor		Tidewater Utility		Min	Max	Avg	Unit Cost	Extension
				Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension	
1	Pump Station and Force Main (Including but not limited to the construction of a cast in place submersible sanitary sewer pump station with brick equipment room, all associated site improvements including new entrances, pavement, storm water improvements and approx. 183 LF of force main.)	LS	1	\$ 1,787,000.00	\$ 1,787,000.00	\$ 1,412,449.63	\$ 1,412,449.63	\$ 1,414,000.00	\$ 1,414,000.00	\$ 2,072,382.47	\$ 2,072,382.47	\$ 1,687,000.00	\$ 1,687,000.00	\$ 1,412,449.63	\$ 2,072,382.47	\$ 1,674,566.42	\$ 1,815,000.00	\$ 1,815,000.00
2	Demolition of Existing Pump Station (Including but not limited to the removal of the existing building and wet / dry pit top slabs, partial removal of pit walls as defined in the plans, filling of the pits, abandonment of the existing gravity sewer and force main on the existing pump station site as denoted in the plans and all associated restorations.)	LS	1	\$ 35,000.00	\$ 35,000.00	\$ 25,000.00	\$ 25,000.00	\$ 35,000.00	\$ 35,000.00	\$ 48,000.00	\$ 48,000.00	\$ 37,500.00	\$ 37,500.00	\$ 25,000.00	\$ 48,000.00	\$ 36,100.00	\$ 85,000.00	\$ 85,000.00
3	Abandonment of Existing 8" Gravity Sewer	LF	162	\$ 8.00	\$ 1,296.00	\$ 15.00	\$ 2,430.00	\$ 15.00	\$ 2,430.00	\$ 16.00	\$ 2,592.00	\$ 20.00	\$ 3,240.00	\$ 1,296.00	\$ 3,240.00	\$ 2,397.60	\$ 20.00	\$ 3,240.00
4	Abandonment of Existing 6" Cast Iron Water Main	LF	475	\$ 8.00	\$ 3,800.00	\$ 10.00	\$ 4,750.00	\$ 10.00	\$ 4,750.00	\$ 14.00	\$ 6,650.00	\$ 20.00	\$ 9,500.00	\$ 3,800.00	\$ 9,500.00	\$ 5,890.00	\$ 20.00	\$ 9,500.00
5	Abandonment of Existing 8" Force Main	LF	650	\$ 8.00	\$ 5,200.00	\$ 10.00	\$ 6,500.00	\$ 11.50	\$ 7,475.00	\$ 27.00	\$ 17,550.00	\$ 20.00	\$ 13,000.00	\$ 5,200.00	\$ 17,550.00	\$ 9,945.00	\$ 20.00	\$ 13,000.00
6	10" (C900) PVC Gravity Sewer	LF	641	\$ 1,168.00	\$ 748,688.00	\$ 1,200.00	\$ 769,200.00	\$ 450.00	\$ 288,450.00	\$ 470.00	\$ 301,270.00	\$ 400.00	\$ 256,400.00	\$ 256,400.00	\$ 769,200.00	\$ 472,801.60	\$ 530.00	\$ 339,730.00
7	6" DIP Water Main	LF	475	\$ 100.00	\$ 47,500.00	\$ 110.00	\$ 52,250.00	\$ 163.00	\$ 77,425.00	\$ 194.00	\$ 92,150.00	\$ 135.00	\$ 64,125.00	\$ 47,500.00	\$ 92,150.00	\$ 66,690.00	\$ 140.00	\$ 66,500.00
8	New Domestic Water Service Connections	EA	9	\$ 750.00	\$ 6,750.00	\$ 3,300.00	\$ 29,700.00	\$ 2,400.00	\$ 21,600.00	\$ 2,740.00	\$ 24,660.00	\$ 2,500.00	\$ 22,500.00	\$ 6,750.00	\$ 29,700.00	\$ 21,042.00	\$ 2,000.00	\$ 18,000.00
9	10" D.I Gravity Sewer	LF	18	\$ 1,400.00	\$ 25,200.00	\$ 2,000.00	\$ 36,000.00	\$ 1,300.00	\$ 23,400.00	\$ 314.00	\$ 5,652.00	\$ 900.00	\$ 16,200.00	\$ 5,652.00	\$ 36,000.00	\$ 21,290.40	\$ 550.00	\$ 9,900.00
10	4" C900 PVC Sewer Lateral	LF	240	\$ 125.00	\$ 30,000.00	\$ 140.00	\$ 33,600.00	\$ 100.00	\$ 24,000.00	\$ 93.00	\$ 22,320.00	\$ 150.00	\$ 36,000.00	\$ 22,320.00	\$ 36,000.00	\$ 29,184.00	\$ 125.00	\$ 30,000.00
11	Sanitary Sewer Cleanout Assembly	EA	9	\$ 600.00	\$ 5,400.00	\$ 3,000.00	\$ 27,000.00	\$ 1,200.00	\$ 10,800.00	\$ 925.00	\$ 8,325.00	\$ 500.00	\$ 4,500.00	\$ 4,500.00	\$ 27,000.00	\$ 11,205.00	\$ 2,500.00	\$ 22,500.00
12	Large Sanitary Sewer Manholes (60")	VLF	62	\$ 900.00	\$ 55,800.00	\$ 1,300.00	\$ 80,600.00	\$ 735.00	\$ 45,570.00	\$ 1,520.00	\$ 94,240.00	\$ 1,200.00	\$ 74,400.00	\$ 45,570.00	\$ 94,240.00	\$ 70,122.00	\$ 1,300.00	\$ 80,600.00
13	Standard Manhole Frame and Cover with Inserts	EA	4	\$ 650.00	\$ 2,600.00	\$ 1,000.00	\$ 4,000.00	\$ 1,100.00	\$ 4,400.00	\$ 1,200.00	\$ 4,800.00	\$ 1,400.00	\$ 5,600.00	\$ 2,600.00	\$ 5,600.00	\$ 4,280.00	\$ 900.00	\$ 3,600.00
14	8" Inside Drop Connection	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 2,490.00	\$ 2,490.00	\$ 2,400.00	\$ 2,400.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 2,378.00	\$ 2,000.00	\$ 2,000.00
15	Sanitary Sewer Manhole Rehabilitation	VLF	13	\$ 475.00	\$ 6,175.00	\$ 475.00	\$ 6,175.00	\$ 390.00	\$ 5,070.00	\$ 750.00	\$ 9,750.00	\$ 575.00	\$ 7,475.00	\$ 5,070.00	\$ 9,750.00	\$ 6,929.00	\$ 125.00	\$ 1,625.00
16	Pipe Connection to Existing Manhole	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 5,300.00	\$ 5,300.00	\$ 10,000.00	\$ 10,000.00	\$ 18,000.00	\$ 18,000.00	\$ 6,500.00	\$ 6,500.00	\$ 3,000.00	\$ 18,000.00	\$ 8,560.00	\$ 3,200.00	\$ 3,200.00
17	New Fire Hydrant Assembly	EA	1	\$ 6,000.00	\$ 6,000.00	\$ 7,300.00	\$ 7,300.00	\$ 6,000.00	\$ 6,000.00	\$ 9,800.00	\$ 9,800.00	\$ 6,500.00	\$ 6,500.00	\$ 6,000.00	\$ 9,800.00	\$ 7,120.00	\$ 2,500.00	\$ 2,500.00
18	Additional Undercut Excavation with Bedding VDOT No. 57	CY	50	\$ 80.00	\$ 4,000.00	\$ 135.00	\$ 6,750.00	\$ 120.00	\$ 6,000.00	\$ 85.00	\$ 4,250.00	\$ 90.00	\$ 4,500.00	\$ 4,000.00	\$ 6,750.00	\$ 5,100.00	\$ 135.00	\$ 6,750.00
19	Select Material Used in Trench Backfilling	CY	1941	\$ 1.00	\$ 1,941.00	\$ 1.00	\$ 1,941.00	\$ 30.00	\$ 58,230.00	\$ 48.00	\$ 93,168.00	\$ 38.00	\$ 73,758.00	\$ 1,941.00	\$ 93,168.00	\$ 45,807.60	\$ 60.00	\$ 116,460.00
20	Pavement Milling Within Great Neck Road	SY	60	\$ 100.00	\$ 6,000.00	\$ 150.00	\$ 9,000.00	\$ 70.00	\$ 4,200.00	\$ 79.00	\$ 4,740.00	\$ 185.00	\$ 11,100.00	\$ 4,200.00	\$ 11,100.00	\$ 7,008.00	\$ 25.00	\$ 1,500.00
21	Asphalt Overlay Within Great Neck Road (1-1/2" SM-9.5A)	SY	60	\$ 100.00	\$ 6,000.00	\$ 120.00	\$ 7,200.00	\$ 52.00	\$ 3,120.00	\$ 55.00	\$ 3,300.00	\$ 250.00	\$ 15,000.00	\$ 3,120.00	\$ 15,000.00	\$ 6,924.00	\$ 125.00	\$ 7,500.00
22	Pavement Removal (West Plantation Road)	SY	1440	\$ 10.00	\$ 14,400.00	\$ 12.00	\$ 17,280.00	\$ 15.00	\$ 21,600.00	\$ 14.00	\$ 20,160.00	\$ 4.00	\$ 5,760.00	\$ 5,760.00	\$ 21,600.00	\$ 15,840.00	\$ 20.00	\$ 28,800.00
23	New Asphalt Pavement Section (West Plantation Road) (1-1/2" SM-9.5A, 3" BM-25.0A and 6" 21-A Stone)	SY	1440	\$ 36.00	\$ 51,840.00	\$ 50.00	\$ 72,000.00	\$ 51.00	\$ 73,440.00	\$ 48.00	\$ 69,120.00	\$ 35.00	\$ 50,400.00	\$ 50,400.00	\$ 73,440.00	\$ 63,360.00	\$ 185.00	\$ 266,400.00
24	Abandon Manhole	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 900.00	\$ 900.00	\$ 2,100.00	\$ 2,100.00	\$ 2,200.00	\$ 2,200.00	\$ 2,250.00	\$ 2,250.00	\$ 900.00	\$ 2,500.00	\$ 1,990.00	\$ 1,000.00	\$ 1,000.00
25	Replace Curb and Gutter	LF	450	\$ 35.00	\$ 15,750.00	\$ 52.00	\$ 23,400.00	\$ 64.00	\$ 28,800.00	\$ 54.00	\$ 24,300.00	\$ 70.00	\$ 31,500.00	\$ 15,750.00	\$ 31,500.00	\$ 24,750.00	\$ 45.00	\$ 20,250.00
26	Post Installation Television of New Pipeline	LF	660	\$ 6.00	\$ 3,960.00	\$ 5.00	\$ 3,300.00	\$ 5.00	\$ 3,300.00	\$ 17.00	\$ 11,220.00	\$ 3.00	\$ 1,980.00	\$ 1,980.00	\$ 11,220.00	\$ 4,752.00	\$ 10.00	\$ 6,600.00
<b>TOTAL</b>				\$ 2,877,800.00	\$ 2,877,800.00	\$ 2,647,025.63	\$ 2,647,025.63	\$ 2,183,650.00	\$ 2,183,650.00	\$ 2,972,999.47	\$ 2,972,999.47	\$ 2,448,688.00	\$ 2,448,688.00	\$ 1,943,158.63	\$ 3,536,170.47	\$ 2,621,280.62	\$ 2,961,155.00	\$ 2,961,155.00

Ranked

4 3 1 5 2

indicates discrepancy with documents provided

Average of Bids \$ 2,626,032.62

Range of Bids Min \$ 2,183,650.00 Max \$ 2,972,999.47

Engineers Opinion of Probable Construction Cost (OPCC) \$ 2,961,155.00