

Pump Station #314 - Diamond Springs Replacement
 Project Number: PUCN-19-0002

Item No.	Item Description	Unit	Ext. Quantity	Engineer's Estimate		SHAW Construction, Corp.		Conquest USA, Inc.		Kevcor Contracting Corp.		TA Sheets General Contractor, Inc.		Tidewater Utility Construction, Inc.		Trident Civil, Inc.		Average Cost	Median Cost	Minimum Cost	Maximum 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				
1	Old Donation Manor Pump Station - Installed, Complete In-Place, and Sitework	1	LS	\$ 1,407,026.50	\$ 1,407,026.50	\$ 1,321,000.00	\$ 1,321,000.00	\$ 1,565,000.00	\$ 1,565,000.00	\$ 1,659,053.00	\$ 1,659,053.00	\$ 2,500,000.00	\$ 2,500,000.00	\$ 1,996,916.55	\$ 1,996,916.55	\$ 1,778,730.00	\$ 1,778,730.00	\$ 1,803,449.93	\$ 1,718,891.50	\$ 1,321,000.00	\$ 2,500,000.00
2	Pavement Milling	850	SY-INCH	\$ 7.00	\$ 5,950.00	\$ 13.29	\$ 11,296.50	\$ 8.00	\$ 6,800.00	\$ 9.25	\$ 7,862.50	\$ 12.00	\$ 10,200.00	\$ 10.00	\$ 8,500.00	\$ 10.00	\$ 8,500.00	\$ 10.42	\$ 10.00	\$ 8.00	\$ 13.29
3	Aggregate Base Course, 21-A	180	TON	\$ 50.00	\$ 9,000.00	\$ 58.69	\$ 10,564.20	\$ 72.00	\$ 12,960.00	\$ 90.00	\$ 16,200.00	\$ 80.00	\$ 14,400.00	\$ 81.25	\$ 14,625.00	\$ 35.00	\$ 6,300.00	\$ 69.49	\$ 76.00	\$ 35.00	\$ 90.00
4	Asphalt Base Course, BM-25	190	TON	\$ 110.00	\$ 20,900.00	\$ 128.52	\$ 24,418.80	\$ 112.00	\$ 21,280.00	\$ 87.00	\$ 16,530.00	\$ 120.00	\$ 22,800.00	\$ 156.25	\$ 29,687.50	\$ 96.00	\$ 18,240.00	\$ 116.63	\$ 116.00	\$ 87.00	\$ 156.25
5	Asphalt Surface Course, SM-9.5	65	TON	\$ 125.00	\$ 8,125.00	\$ 213.40	\$ 13,871.00	\$ 164.00	\$ 10,660.00	\$ 90.00	\$ 5,850.00	\$ 120.00	\$ 7,800.00	\$ 156.25	\$ 10,156.25	\$ 190.00	\$ 12,350.00	\$ 155.61	\$ 160.13	\$ 90.00	\$ 213.40
6	Pavement Cut and Patch	180	SY	\$ 70.00	\$ 12,600.00	\$ 122.58	\$ 22,064.40	\$ 100.00	\$ 18,000.00	\$ 115.00	\$ 20,700.00	\$ 80.00	\$ 14,400.00	\$ 87.50	\$ 15,750.00	\$ 100.00	\$ 18,000.00	\$ 100.85	\$ 100.00	\$ 80.00	\$ 122.58
7	8" Force Main - Class S2 DI Lined with Protecto 401	39	LF	\$ 130.00	\$ 5,070.00	\$ 1,263.78	\$ 49,287.42	\$ 1,015.00	\$ 39,585.00	\$ 393.00	\$ 15,327.00	\$ 200.00	\$ 7,800.00	\$ 500.00	\$ 19,500.00	\$ 370.00	\$ 14,430.00	\$ 623.63	\$ 446.50	\$ 200.00	\$ 1,263.78
8	8" Fittings, Restrained Mechanical Joint	4	EA	\$ 350.00	\$ 1,400.00	\$ 3,131.85	\$ 12,527.40	\$ 935.00	\$ 3,740.00	\$ 2,800.00	\$ 11,200.00	\$ 400.00	\$ 1,600.00	\$ 687.50	\$ 2,750.00	\$ 470.00	\$ 1,880.00	\$ 1,404.06	\$ 811.25	\$ 400.00	\$ 3,131.85
9	Connection to Existing Force Main	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 7,194.70	\$ 7,194.70	\$ 2,700.00	\$ 2,700.00	\$ 5,500.00	\$ 5,500.00	\$ 1,000.00	\$ 1,000.00	\$ 18,750.00	\$ 18,750.00	\$ 15,800.00	\$ 15,800.00	\$ 8,490.78	\$ 6,347.35	\$ 1,000.00	\$ 18,750.00
10	60" Diameter Sanitary Sewer Manhole	28	VL	\$ 600.00	\$ 16,800.00	\$ 2,039.08	\$ 57,094.24	\$ 900.00	\$ 25,200.00	\$ 4,700.00	\$ 131,600.00	\$ 1,000.00	\$ 28,000.00	\$ 1,562.50	\$ 43,750.00	\$ 1,300.00	\$ 36,400.00	\$ 1,916.93	\$ 1,431.25	\$ 900.00	\$ 4,700.00
11	Manhole Frame and Cover	2	EA	\$ 350.00	\$ 700.00	\$ 890.33	\$ 1,780.66	\$ 760.00	\$ 1,520.00	\$ 1,500.00	\$ 3,000.00	\$ 800.00	\$ 1,600.00	\$ 1,000.00	\$ 2,000.00	\$ 845.00	\$ 1,690.00	\$ 965.89	\$ 867.67	\$ 760.00	\$ 1,500.00
12	Rainstopper Manhole Inserts	2	EA	\$ 150.00	\$ 300.00	\$ 589.59	\$ 1,179.18	\$ 640.00	\$ 1,280.00	\$ 470.00	\$ 940.00	\$ 600.00	\$ 1,200.00	\$ 375.00	\$ 750.00	\$ 260.00	\$ 520.00	\$ 489.10	\$ 529.80	\$ 260.00	\$ 640.00
13	Abandon Existing Sanitary Sewer Manhole	16	VL	\$ 150.00	\$ 2,400.00	\$ 611.31	\$ 9,780.96	\$ 375.00	\$ 6,000.00	\$ 275.00	\$ 4,400.00	\$ 200.00	\$ 3,200.00	\$ 187.50	\$ 3,000.00	\$ 71.50	\$ 1,144.00	\$ 286.72	\$ 237.50	\$ 71.50	\$ 611.31
14	Manhole Rehabilitation	13	VL	\$ 500.00	\$ 6,500.00	\$ 763.40	\$ 9,924.20	\$ 490.00	\$ 6,370.00	\$ 1,400.00	\$ 18,200.00	\$ 500.00	\$ 6,500.00	\$ 375.00	\$ 4,875.00	\$ 585.00	\$ 7,605.00	\$ 685.57	\$ 542.50	\$ 375.00	\$ 1,400.00
15	Rebuild Benches & Inverts in Existing Manhole	1	EA	\$ 500.00	\$ 500.00	\$ 1,030.30	\$ 1,030.30	\$ 1,165.00	\$ 1,165.00	\$ 1,400.00	\$ 1,400.00	\$ 800.00	\$ 800.00	\$ 1,562.50	\$ 1,562.50	\$ 1,040.00	\$ 1,040.00	\$ 1,166.30	\$ 1,102.50	\$ 800.00	\$ 1,562.50
16	12" Gravity Sanitary Sewer - C900 DR18 PVC (Green colored)	123	LF	\$ 150.00	\$ 18,450.00	\$ 755.16	\$ 92,884.68	\$ 1,200.00	\$ 147,600.00	\$ 576.00	\$ 70,848.00	\$ 400.00	\$ 49,200.00	\$ 1,250.00	\$ 153,750.00	\$ 650.00	\$ 79,950.00	\$ 805.19	\$ 702.58	\$ 400.00	\$ 1,250.00
17	6" Lateral Sanitary Sewer - C900 DR18 PVC (Green colored)	5	LF	\$ 75.00	\$ 375.00	\$ 314.46	\$ 1,572.30	\$ 550.00	\$ 2,750.00	\$ 250.00	\$ 1,250.00	\$ 200.00	\$ 1,000.00	\$ 281.25	\$ 1,406.25	\$ 182.00	\$ 910.00	\$ 296.29	\$ 265.63	\$ 182.00	\$ 550.00
18	12"x6" C900 DR18 PVC Service Wye	1	EA	\$ 250.00	\$ 250.00	\$ 1,744.09	\$ 1,744.09	\$ 980.00	\$ 980.00	\$ 1,200.00	\$ 1,200.00	\$ 500.00	\$ 500.00	\$ 531.25	\$ 531.25	\$ 520.00	\$ 520.00	\$ 912.56	\$ 755.63	\$ 500.00	\$ 1,744.09
19	Connection to Existing Mainline Gravity Sanitary Sewer	2	EA	\$ 250.00	\$ 500.00	\$ 2,735.37	\$ 5,470.74	\$ 1,620.00	\$ 3,240.00	\$ 9,000.00	\$ 18,000.00	\$ 2,000.00	\$ 4,000.00	\$ 4,375.00	\$ 8,750.00	\$ 9,555.00	\$ 19,110.00	\$ 4,880.90	\$ 3,555.19	\$ 1,620.00	\$ 9,555.00
20	Connection to Existing Lateral Gravity Sanitary Sewer	1	EA	\$ 150.00	\$ 150.00	\$ 3,769.14	\$ 3,769.14	\$ 785.00	\$ 785.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 937.50	\$ 937.50	\$ 312.00	\$ 312.00	\$ 1,550.61	\$ 968.75	\$ 312.00	\$ 3,769.14
21	Abandon Existing Sanitary Sewer with Flowable Fill	467	LF	\$ 4.00	\$ 1,868.00	\$ 40.01	\$ 18,684.67	\$ 18.00	\$ 8,406.00	\$ 17.00	\$ 7,939.00	\$ 15.00	\$ 7,005.00	\$ 18.75	\$ 8,756.25	\$ 32.00	\$ 14,944.00	\$ 23.46	\$ 18.38	\$ 15.00	\$ 40.01
22	Remove Existing Pipe	175	LF	\$ 10.00	\$ 1,750.00	\$ 80.28	\$ 14,049.00	\$ 86.00	\$ 15,050.00	\$ 27.00	\$ 4,725.00	\$ 30.00	\$ 5,250.00	\$ 43.75	\$ 7,656.25	\$ 1.00	\$ 175.00	\$ 44.67	\$ 36.88	\$ 1.00	\$ 86.00
23	Water Service - Type 'K' Copper	2	EA	\$ 1,000.00	\$ 2,000.00	\$ 882.49	\$ 1,764.98	\$ 3,550.00	\$ 7,100.00	\$ 3,500.00	\$ 7,000.00	\$ 2,000.00	\$ 4,000.00	\$ 1,562.50	\$ 3,125.00	\$ 2,470.00	\$ 4,940.00	\$ 2,327.50	\$ 2,235.00	\$ 882.49	\$ 3,550.00
24	Relocate Existing Water Meter and Box	2	EA	\$ 250.00	\$ 500.00	\$ 1,784.10	\$ 3,568.20	\$ 375.00	\$ 750.00	\$ 450.00	\$ 900.00	\$ 200.00	\$ 400.00	\$ 625.00	\$ 1,250.00	\$ 260.00	\$ 520.00	\$ 615.68	\$ 412.50	\$ 200.00	\$ 1,784.10
25	Abandon Existing Water Service	2	EA	\$ 250.00	\$ 500.00	\$ 1,958.43	\$ 3,916.86	\$ 565.00	\$ 1,130.00	\$ 850.00	\$ 1,700.00	\$ 200.00	\$ 400.00	\$ 375.00	\$ 750.00	\$ 1,430.00	\$ 2,860.00	\$ 896.41	\$ 707.50	\$ 200.00	\$ 1,958.43
26	Pipe Bedding - #57 Stone	162	LF	\$ 3.50	\$ 567.00	\$ 61.16	\$ 9,907.92	\$ 35.00	\$ 5,670.00	\$ 12.00	\$ 1,944.00	\$ 15.00	\$ 2,430.00	\$ 25.00	\$ 4,050.00	\$ 16.00	\$ 2,592.00	\$ 27.36	\$ 20.50	\$ 12.00	\$ 61.16
27	Select Material - Granular Fill	420	CY	\$ 30.00	\$ 12,600.00	\$ 39.54	\$ 16,606.80	\$ 35.00	\$ 14,700.00	\$ 73.00	\$ 30,660.00	\$ 30.00	\$ 12,600.00	\$ 43.75	\$ 18,375.00	\$ 24.00	\$ 10,080.00	\$ 40.88	\$ 37.27	\$ 24.00	\$ 73.00
28	Rolled Curb	66	LF	\$ 30.00	\$ 1,980.00	\$ 73.01	\$ 4,818.66	\$ 72.00	\$ 4,752.00	\$ 42.00	\$ 2,772.00	\$ 35.00	\$ 2,310.00	\$ 43.75	\$ 2,887.50	\$ 55.00	\$ 3,630.00	\$ 53.46	\$ 49.58	\$ 35.00	\$ 73.01
29	Concrete Entrance	4	CY	\$ 115.00	\$ 460.00	\$ 6,739.11	\$ 26,956.44	\$ 660.00	\$ 2,640.00	\$ 1,200.00	\$ 4,800.00	\$ 600.00	\$ 2,400.00	\$ 531.25	\$ 2,125.00	\$ 832.00	\$ 3,328.00	\$ 1,760.39	\$ 746.00	\$ 531.25	\$ 6,739.11
30	Right-of-Way Permit	1	EA	\$ 250.00	\$ 250.00	\$ 2,224.46	\$ 2,224.46	\$ 175.00	\$ 175.00	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,566.58	\$ 750.00	\$ 175.00	\$ 5,000.00
	Total			\$ 1,540,471.50	\$ 1,540,471.50	\$ 1,760,952.90	\$ 1,760,952.90	\$ 1,937,988.00	\$ 1,937,988.00	\$ 2,075,000.50	\$ 2,075,000.50	\$ 2,718,795.00	\$ 2,718,795.00	\$ 2,387,422.80	\$ 2,387,422.80	\$ 2,067,000.00	\$ 2,067,000.00				

Denotes line items adjusted based upon unit price bid.