

Fort Norfolk Sanitary Sewer Improvements
Bid Tabulation

Bids Opened: 4/7/09 at 3:00 PM

Red cells indicate the total for that item is different from the submitted bid due to calculation error

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Item No.	Item Description	Quantity	Unit	Eligible/Ineligible	Engineer's Estimate		Total Engineering		Kevcor Contracting		Precon Construction		M&W Construction		Inner-View, LTD.		Tidewater Utility Construction		Peterson & White Construction		Suburban Grading and Utilities		Vico Construction		W.R. Hall, Inc.		Average Unit Price	Min Unit Price	Max Unit Price	
					Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price				Unit Price
Sanitary Sewer																														
1	Clean and Pre-TV Main (8" Sanitary Sewer)	125	LF	E	\$ 5.00	\$ 625.00	\$ 3.30	\$ 412.50	\$ 6.00	\$ 750.00	\$ 5.60	\$ 700.00	\$ 7.00	\$ 875.00	\$ 10.00	\$ 1,250.00	\$ 5.00	\$ 625.00	\$ 35.00	\$ 4,375.00	\$ 5.50	\$ 687.50	\$ 2.70	\$ 337.50	\$ 10.00	\$ 1,250.00	\$ 9.64	\$ 2.70	\$ 35.00	
2	8" PVC Main (SDR 26)	12	LF	E	\$ 135.00	\$ 1,620.00	\$ 139.10	\$ 1,669.20	\$ 186.00	\$ 2,232.00	\$ 122.39	\$ 1,468.68	\$ 54.00	\$ 648.00	\$ 350.00	\$ 4,200.00	\$ 185.00	\$ 2,220.00	\$ 500.00	\$ 6,000.00	\$ 641.85	\$ 7,702.20	\$ 48.00	\$ 576.00	\$ 200.00	\$ 2,400.00	\$ 254.14	\$ 48.00	\$ 641.85	
3	10" PVC (C-900) Main	727	LF	E	\$ 215.00	\$ 156,305.00	\$ 133.64	\$ 97,156.26	\$ 91.00	\$ 66,157.00	\$ 115.90	\$ 84,259.30	\$ 95.00	\$ 69,065.00	\$ 165.00	\$ 119,955.00	\$ 295.00	\$ 214,465.00	\$ 275.00	\$ 199,925.00	\$ 302.34	\$ 219,901.18	\$ 129.00	\$ 93,783.00	\$ 300.00	\$ 218,100.00	\$ 196.47	\$ 91.00	\$ 302.34	
4	16" PVC (C-905) Main	312	LF	E	\$ 175.00	\$ 54,600.00	\$ 108.42	\$ 33,827.04	\$ 110.00	\$ 34,320.00	\$ 127.11	\$ 39,658.32	\$ 120.00	\$ 37,440.00	\$ 254.00	\$ 79,248.00	\$ 395.00	\$ 123,240.00	\$ 400.00	\$ 124,800.00	\$ 229.65	\$ 71,650.80	\$ 155.80	\$ 48,609.60	\$ 380.00	\$ 118,560.00	\$ 241.28	\$ 110.00	\$ 400.00	
5	18" PVC (C-905) Main	88	LF	E	\$ 450.00	\$ 39,600.00	\$ 109.71	\$ 9,654.48	\$ 118.00	\$ 10,384.00	\$ 271.69	\$ 23,908.72	\$ 125.00	\$ 11,000.00	\$ 300.00	\$ 26,400.00	\$ 520.00	\$ 45,760.00	\$ 450.00	\$ 39,600.00	\$ 360.51	\$ 31,724.88	\$ 104.00	\$ 8,152.00	\$ 500.00	\$ 44,000.00	\$ 305.47	\$ 104.00	\$ 520.00	
6	Precast Manhole (6' to 11.99' in Depth, 4' Diameter)	2	EA	E	\$ 7,500.00	\$ 15,000.00	\$ 5,086.16	\$ 10,172.32	\$ 5,400.00	\$ 10,800.00	\$ 5,137.85	\$ 10,275.70	\$ 5,190.00	\$ 10,380.00	\$ 5,500.00	\$ 11,000.00	\$ 8,500.00	\$ 17,000.00	\$ 6,000.00	\$ 12,000.00	\$ 9,633.75	\$ 19,267.50	\$ 4,390.00	\$ 8,780.00	\$ 9,000.00	\$ 18,000.00	\$ 6,527.96	\$ 4,390.00	\$ 9,633.75	
7	Precast Manhole (>= 12' in Depth, 5' Diameter)	3	EA	E	\$ 10,000.00	\$ 30,000.00	\$ 7,648.38	\$ 22,945.14	\$ 6,350.00	\$ 19,050.00	\$ 7,053.71	\$ 21,161.13	\$ 7,050.00	\$ 21,150.00	\$ 8,500.00	\$ 25,500.00	\$ 14,500.00	\$ 43,500.00	\$ 7,500.00	\$ 22,500.00	\$ 11,900.00	\$ 35,700.00	\$ 8,244.00	\$ 24,732.00	\$ 15,000.00	\$ 45,000.00	\$ 9,566.41	\$ 6,350.00	\$ 15,000.00	
8	4" SDR 26 PVC Service Lateral (Public)	100	LF	E	\$ 35.00	\$ 3,500.00	\$ 110.83	\$ 11,083.00	\$ 46.00	\$ 4,600.00	\$ 275.00	\$ 27,500.00	\$ 50.00	\$ 5,000.00	\$ 0.01	\$ 1.00	\$ 38.00	\$ 3,800.00	\$ 75.00	\$ 7,500.00	\$ 66.31	\$ 6,631.00	\$ 31.70	\$ 3,170.00	\$ 70.00	\$ 7,000.00	\$ 72.45	\$ 0.01	\$ 275.00	
9	4" C-900 PVC Service Lateral (Public)	80	LF	E	\$ 45.00	\$ 3,600.00	\$ 95.97	\$ 7,677.60	\$ 49.00	\$ 3,920.00	\$ 400.00	\$ 32,000.00	\$ 60.00	\$ 4,800.00	\$ 149.00	\$ 11,920.00	\$ 100.00	\$ 8,000.00	\$ 100.00	\$ 8,000.00	\$ 70.31	\$ 5,624.80	\$ 46.00	\$ 3,680.00	\$ 75.00	\$ 6,000.00	\$ 116.59	\$ 46.00	\$ 400.00	
10	Flowable Fill	26	CY	E	\$ 300.00	\$ 7,800.00	\$ 122.75	\$ 3,191.50	\$ 270.00	\$ 7,020.00	\$ 294.16	\$ 7,648.16	\$ 390.00	\$ 10,140.00	\$ 250.00	\$ 6,500.00	\$ 150.00	\$ 3,900.00	\$ 195.00	\$ 5,070.00	\$ 370.00	\$ 9,620.00	\$ 272.00	\$ 7,072.00	\$ 200.00	\$ 5,200.00	\$ 265.68	\$ 150.00	\$ 390.00	
11	Manhole Removal	3	EA	E	\$ 1,500.00	\$ 4,500.00	\$ 1,602.54	\$ 4,807.62	\$ 1,650.00	\$ 4,950.00	\$ 1,703.68	\$ 5,111.04	\$ 2,445.00	\$ 7,335.00	\$ 1,250.00	\$ 3,750.00	\$ 300.00	\$ 900.00	\$ 1,500.00	\$ 4,500.00	\$ 568.75	\$ 1,706.25	\$ 452.00	\$ 1,356.00	\$ 700.00	\$ 2,100.00	\$ 1,052.16	\$ 300.00	\$ 2,445.00	
12	Main Line Cleanout Removal	1	EA	E	\$ 500.00	\$ 500.00	\$ 1,151.38	\$ 1,151.38	\$ 250.00	\$ 250.00	\$ 335.64	\$ 335.64	\$ 610.00	\$ 610.00	\$ 500.00	\$ 500.00	\$ 0.01	\$ 0.01	\$ 1,500.00	\$ 1,500.00	\$ 443.75	\$ 443.75	\$ 403.00	\$ 403.00	\$ 500.00	\$ 500.00	\$ 504.71	\$ 0.01	\$ 1,500.00	
Sewer Force Mains																														
13	10" PVC (C-900) Force Main - Open Cut	936	LF	E	\$ 175.00	\$ 163,800.00	\$ 105.99	\$ 99,206.64	\$ 82.00	\$ 76,752.00	\$ 88.60	\$ 82,929.60	\$ 65.00	\$ 60,840.00	\$ 98.00	\$ 91,728.00	\$ 140.00	\$ 131,040.00	\$ 80.00	\$ 74,880.00	\$ 115.57	\$ 108,173.52	\$ 175.00	\$ 163,800.00	\$ 125.00	\$ 117,000.00	\$ 107.69	\$ 65.00	\$ 175.00	
14	10" PVC (C-900) Force Main - HDD	918	LF	E	\$ 125.00	\$ 114,750.00	\$ 144.21	\$ 132,384.78	\$ 104.00	\$ 95,472.00	\$ 116.21	\$ 106,680.78	\$ 202.00	\$ 185,436.00	\$ 110.00	\$ 100,980.00	\$ 105.00	\$ 96,390.00	\$ 121.00	\$ 111,078.00	\$ 105.60	\$ 96,940.80	\$ 211.00	\$ 193,698.00	\$ 110.00	\$ 100,980.00	\$ 131.65	\$ 104.00	\$ 211.00	
15	10" DI Force Main	202	LF	E	\$ 185.00	\$ 37,370.00	\$ 112.49	\$ 22,722.98	\$ 126.00	\$ 25,452.00	\$ 103.35	\$ 20,876.70	\$ 76.50	\$ 15,453.00	\$ 150.00	\$ 30,300.00	\$ 115.00	\$ 23,230.00	\$ 100.00	\$ 20,200.00	\$ 77.08	\$ 15,570.16	\$ 76.90	\$ 15,533.80	\$ 130.00	\$ 26,260.00	\$ 106.09	\$ 76.50	\$ 150.00	
16	24" x 10" Tapping Sleeve and Valve	0	EA	E	\$ 20,000.00	\$ -	\$ 7,514.87	\$ -	\$ 45,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,500.00	\$ -	\$ -	\$ -	\$ 20,000.00	\$ -	\$ -	\$ -	\$ 13,728.00	\$ -	\$ 25,000.00	\$ -	\$ 12,914.22	\$ -	\$ 45,000.00	
17	10" Gate Valve	0	EA	E	\$ 2,500.00	\$ -	\$ 2,322.91	\$ -	\$ 15,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500.00	\$ -	\$ -	\$ -	\$ 5,000.00	\$ -	\$ -	\$ -	\$ 2,212.00	\$ -	\$ 2,500.00	\$ -	\$ 3,134.67	\$ -	\$ 15,000.00	
18	10" Ductile Iron Fittings	24	EA	E	\$ 1,000.00	\$ 24,000.00	\$ 863.19	\$ 20,716.56	\$ 650.00	\$ 15,600.00	\$ 532.52	\$ 12,780.48	\$ 685.00	\$ 16,440.00	\$ 475.00	\$ 11,400.00	\$ 500.00	\$ 12,000.00	\$ 500.00	\$ 12,000.00	\$ 588.75	\$ 14,130.00	\$ 452.00	\$ 10,848.00	\$ 200.00	\$ 4,800.00	\$ 509.25	\$ 200.00	\$ 685.00	
19	Blow-Off Valve	4	EA	E	\$ 2,500.00	\$ 10,000.00	\$ 1,727.88	\$ 6,911.52	\$ 1,650.00	\$ 6,600.00	\$ 1,188.48	\$ 4,753.92	\$ 1,120.00	\$ 4,480.00	\$ 1,250.00	\$ 5,000.00	\$ 1,500.00	\$ 6,000.00	\$ 1,000.00	\$ 4,000.00	\$ 1,258.75	\$ 5,035.00	\$ 1,046.00	\$ 4,184.00	\$ 1,800.00	\$ 7,200.00	\$ 1,312.58	\$ 1,000.00	\$ 1,800.00	
Miscellaneous																														
20	Bore and Jack 24" Casing for Sewer Force Main	150	LF	E	\$ 650.00	\$ 97,500.00	\$ 413.59	\$ 62,038.50	\$ 425.00	\$ 63,750.00	\$ 425.26	\$ 63,789.00	\$ 395.00	\$ 59,250.00	\$ 315.00	\$ 47,250.00	\$ 325.00	\$ 48,750.00	\$ 500.00	\$ 75,000.00	\$ 590.00	\$ 88,500.00	\$ 330.00	\$ 49,500.00	\$ 450.00	\$ 67,500.00	\$ 417.25	\$ 315.00	\$ 590.00	
21	Select Backfill	3,000	CY	E	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00	\$ 28.00	\$ 84,000.00
22	Select Bedding, No. 57 Stone	2,500	Ton	E	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00	\$ 31.00	\$ 77,500.00
23	Undercut and Disposal	500	CY	E	\$ 35.00	\$ 17,500.00	\$ 12.45	\$ 6,225.00	\$ 5.00	\$ 2,500.00	\$ 16.60	\$ 8,300.00	\$ 14.00	\$ 7,000.00	\$ 30.00	\$ 15,000.00	\$ 0.01	\$ 5.00	\$ 3.00	\$ 1,500.00	\$ 3.75	\$ 1,875.00	\$ 15.00	\$ 7,500.00	\$ 25.00	\$ 12,500.00	\$ 12.48	\$ 0.01	\$ 30.00	
24	Backfill with 21A Aggregate	500	Ton	E	\$ 35.00	\$ 17,500.00	\$ 21.94	\$ 10,970.00	\$ 45.00	\$ 22,500.00	\$ 29.18	\$ 14,590.00	\$ 50.00	\$ 25,000.00	\$ 30.00	\$ 15,000.00	\$ 25.00	\$ 12,500.00	\$ 40.00	\$ 20,000.00	\$ 28.75	\$ 14,375.00	\$ 37.20	\$ 18,600.00	\$ 40.00	\$ 20,000.00	\$ 36.13	\$ 25.00	\$ 50.00	
25	Sheeting, Left-in-Place	0	MBF	E	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	\$ -	\$ 393.00	
26	Test Pits (up to 5.99' deep)	5	EA	E	\$ 700.00	\$ 3,500.00	\$ 500.00	\$ 2,500.00	\$ 450.00	\$ 2,250.00	\$ 1,036.30	\$ 5,181.50	\$ 410.00	\$ 2,050.00	\$ 1,250.00	\$ 6,250.00	\$ 300.00	\$ 1,500.00	\$ 1,000.00	\$ 5,000.00	\$ 1,525.00	\$ 7,625.00	\$ 668.00	\$ 3,340.00	\$ 2,000.00	\$ 10,000.00	\$ 959.92	\$ 300.00	\$ 2,000.00	
27	Test Pits (>= 6' deep)	5	EA	E	\$ 1,000.00	\$ 5,000.00	\$ 750.00	\$ 3,750.00	\$ 900.00	\$ 4,500.00	\$ 1,732.15	\$ 8,660.75	\$ 610.00	\$ 3,050.00	\$ 2,000.00	\$ 10,000.00	\$ 400.00	\$ 2,000.00	\$ 1,500.00	\$ 7,500.00	\$ 1,525.00	\$ 7,625.00	\$ 1,215.00	\$ 6,075.00	\$ 4,000.00	\$ 20,000.00	\$ 1,542.46	\$ 400.00	\$ 4,000.00	
28	Neoprene Rubber Pads	10	EA	E	\$ 250.00	\$ 2,500.00	\$ 158.30	\$ 1,583.00	\$ 125.00	\$ 1,250.00	\$ 32.04	\$ 320.40	\$ 485.00	\$ 4,850.00	\$ 250.00	\$ 2,500.00	\$ 0.01	\$ 0.10	\$ 10.00	\$ 100.00	\$ 62.50	\$ 625.00	\$ 275.00	\$ 2,750.00	\$ 300.00	\$ 3,000.00	\$ 171.06	\$ 0.01	\$ 485.00	
29	Trolley Track and Foundation Removal	500	LF	E	\$ 50.00	\$ 25,000.00	\$ 107.23	\$ 53,615.00	\$ 40.00	\$ 20,000.00	\$ 8.30	\$ 4,150.00	\$ 11.50	\$ 5,750.00	\$ 0.01	\$ 5.00	\$ 0.01	\$ 5.00	\$ 10.00	\$ 5,000.00	\$ 1.25	\$ 625.00	\$ 37.30	\$ 18,650.00	\$ 75.00	\$ 37,500.00	\$ 20.37	\$ 0.01	\$ 75.00	
30	Curb/Curb and Gutter	100	LF	E	\$ 30.00	\$ 3,000.00	\$ 16.58	\$ 1,658.00	\$ 38.00	\$ 3,800.00	\$ 22.40	\$ 2,240.00	\$ 30.00	\$ 3,000.00	\$ 35.00															