

ITEM NO.	ITEM DESCRIPTION	UNIT	ELIGIBLE/INELIGIBLE	ELIGIBLE QUANTITY	INELIGIBLE QUANTITY	Engineer's Estimate		M & W		Walter C. Via		Peters & White		W R Hall		Tidewater Utility		PreCon		Toano		Suburban		Inner-View		TA Sheets	
						UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
WATER SYSTEM IMPROVEMENTS																											
16	PVC Water Main	LF	I		1441	\$ 55.00	\$79,255.00	\$ 31.00	\$44,671.00	\$ 20.00	\$28,820.00	\$ 32.00	\$46,112.00	\$ 38.00	\$54,758.00	\$ 35.00	\$50,435.00	\$ 32.00	\$46,112.00	\$ 52.07	\$75,032.87	\$ 50.00	\$72,050.00	\$ 50.00	\$72,050.00	\$ 70.00	\$100,870.00
28	PVC Water Main	LF	I		11347	\$ 62.00	\$703,514.00	\$ 22.00	\$249,634.00	\$ 30.00	\$340,410.00	\$ 40.00	\$453,880.00	\$ 40.00	\$453,880.00	\$ 39.00	\$442,533.00	\$ 35.65	\$404,520.55	\$ 64.86	\$735,966.42	\$ 55.00	\$624,085.00	\$ 60.00	\$680,820.00	\$ 80.00	\$907,760.00
36	Tapping Sleeve and Valve	EA	I		9	\$ 3,712.00	\$33,408.00	\$ 3,920.00	\$35,280.00	\$ 3,000.00	\$27,000.00	\$ 2,600.00	\$23,400.00	\$ 3,300.00	\$29,700.00	\$ 2,500.00	\$22,500.00	\$ 3,730.00	\$33,570.00	\$ 3,255.00	\$29,295.00	\$ 3,512.00	\$31,608.00	\$ 2,250.00	\$20,250.00	\$ 3,500.00	\$31,500.00
48	Tapping Sleeve and Valve	EA	I		2	\$ 4,400.00	\$8,800.00	\$ 5,623.00	\$11,246.00	\$ 4,000.00	\$8,000.00	\$ 3,500.00	\$7,000.00	\$ 3,500.00	\$7,000.00	\$ 4,000.00	\$8,000.00	\$ 4,420.00	\$8,840.00	\$ 4,110.00	\$8,220.00	\$ 3,800.00	\$7,600.00	\$ 3,000.00	\$6,000.00	\$ 4,000.00	\$8,000.00
56	Gate Valve	EA	I		4	\$ 861.00	\$3,444.00	\$ 5,209.00	\$20,836.00	\$ 900.00	\$3,600.00	\$ 800.00	\$3,200.00	\$ 700.00	\$2,800.00	\$ 900.00	\$3,600.00	\$ 705.00	\$2,820.00	\$ 954.00	\$3,816.00	\$ 812.50	\$3,250.00	\$ 900.00	\$3,600.00	\$ 900.00	\$3,600.00
68	Gate Valve	EA	I		45	\$ 950.00	\$42,750.00	\$ 1,405.00	\$63,225.00	\$ 1,500.00	\$67,500.00	\$ 1,000.00	\$45,000.00	\$ 850.00	\$38,250.00	\$ 1,100.00	\$49,500.00	\$ 1,175.00	\$52,875.00	\$ 1,303.00	\$58,635.00	\$ 937.50	\$42,187.50	\$ 1,250.00	\$56,250.00	\$ 1,000.00	\$45,000.00
76	Ductile Iron Fittings	EA	I		12	\$ 188.00	\$2,256.00	\$ 395.00	\$4,740.00	\$ 225.00	\$2,700.00	\$ 175.00	\$2,100.00	\$ 110.00	\$1,320.00	\$ 800.00	\$9,600.00	\$ 182.00	\$2,184.00	\$ 450.00	\$5,400.00	\$ 125.00	\$1,500.00	\$ 130.00	\$1,560.00	\$ 300.00	\$3,600.00
88	Ductile Iron Fittings	EA	I		28	\$ 277.00	\$7,756.00	\$ 566.00	\$15,848.00	\$ 250.00	\$7,000.00	\$ 300.00	\$8,400.00	\$ 175.00	\$1,950.00	\$ 900.00	\$25,200.00	\$ 465.00	\$13,020.00	\$ 500.00	\$14,000.00	\$ 156.25	\$4,375.00	\$ 500.00	\$14,000.00	\$ 400.00	\$11,200.00
9	Fire Hydrant Assembly	EA	I		18	\$ 3,785.00	\$68,130.00	\$ 2,984.00	\$53,712.00	\$ 3,200.00	\$57,600.00	\$ 3,650.00	\$66,700.00	\$ 3,800.00	\$68,400.00	\$ 3,000.00	\$54,000.00	\$ 4,285.00	\$77,130.00	\$ 3,444.00	\$61,992.00	\$ 4,606.25	\$82,912.50	\$ 3,750.00	\$67,500.00	\$ 3,600.00	\$64,800.00
10	2" Air Vent / Blow-Off Valve	EA	I		2	\$ 1,137.00	\$2,274.00	\$ 1,548.00	\$3,096.00	\$ 1,200.00	\$2,400.00	\$ 1,200.00	\$2,400.00	\$ 1,100.00	\$2,200.00	\$ 800.00	\$1,600.00	\$ 1,090.00	\$2,180.00	\$ 1,820.00	\$3,640.00	\$ 1,837.50	\$3,675.00	\$ 1,250.00	\$2,500.00	\$ 2,000.00	\$4,000.00
11	3/4" Corporation Stop	EA	I		397	\$ 210.00	\$83,370.00	\$ 212.00	\$84,164.00	\$ 125.00	\$49,625.00	\$ 175.00	\$69,475.00	\$ 40.00	\$15,880.00	\$ 75.00	\$29,775.00	\$ 964.00	\$382,708.00	\$ 220.00	\$87,340.00	\$ 37.50	\$14,887.50	\$ 35.00	\$13,895.00	\$ 100.00	\$39,700.00
12	3/4" Type K Copper (Public)	LF	I		7398	\$ 25.00	\$184,950.00	\$ 16.00	\$118,368.00	\$ 10.00	\$73,980.00	\$ 28.00	\$207,144.00	\$ 25.00	\$184,950.00	\$ 25.00	\$184,950.00	\$ 1.00	\$7,398.00	\$ 29.75	\$220,090.50	\$ 40.00	\$295,920.00	\$ 50.00	\$369,900.00	\$ 40.00	\$295,920.00
13	Meter Stop	EA	I		397	\$ 122.00	\$48,434.00	\$ 165.00	\$65,505.00	\$ 125.00	\$49,625.00	\$ 175.00	\$69,475.00	\$ 50.00	\$19,850.00	\$ 75.00	\$29,775.00	\$ 58.00	\$23,026.00	\$ 283.50	\$112,549.50	\$ 37.50	\$14,887.50	\$ 50.00	\$19,850.00	\$ 100.00	\$39,700.00
14	3/4" Type K Copper (Private)	LF	I		50	\$ 30.00	\$1,500.00	\$ 132.00	\$6,600.00	\$ 15.00	\$750.00	\$ 50.00	\$2,500.00	\$ 25.00	\$1,250.00	\$ 34.00	\$1,700.00	\$ 19.25	\$962.50	\$ 55.00	\$2,750.00	\$ 70.45	\$3,522.50	\$ 150.00	\$7,500.00	\$ 100.00	\$5,000.00
15	Meter Box	EA	I		26	\$ 112.00	\$2,912.00	\$ 179.00	\$4,654.00	\$ 200.00	\$5,200.00	\$ 75.00	\$1,950.00	\$ 50.00	\$1,500.00	\$ 300.00	\$7,800.00	\$ 250.00	\$6,500.00	\$ 383.00	\$9,958.00	\$ 75.00	\$1,950.00	\$ 100.00	\$2,000.00	\$ 100.00	\$2,000.00
16	Meter Box Relocation	EA	I		4	\$ 190.00	\$760.00	\$ 296.00	\$1,184.00	\$ 200.00	\$800.00	\$ 300.00	\$1,200.00	\$ 350.00	\$1,400.00	\$ 300.00	\$1,200.00	\$ 105.00	\$420.00	\$ 635.00	\$2,540.00	\$ 1,487.50	\$5,950.00	\$ 150.00	\$600.00	\$ 100.00	\$400.00
17	Cut and Cap Existing	EA	I		13	\$ 1,100.00	\$14,300.00	\$ 1,128.00	\$14,664.00	\$ 250.00	\$3,250.00	\$ 800.00	\$10,400.00	\$ 1,500.00	\$19,500.00	\$ 900.00	\$11,700.00	\$ 1,485.00	\$19,305.00	\$ 550.00	\$7,150.00	\$ 800.00	\$10,400.00	\$ 1,500.00	\$19,500.00	\$ 1,200.00	\$15,600.00
18	Valve Abandonment	EA	I		50	\$ 506.00	\$25,300.00	\$ 141.00	\$7,050.00	\$ 200.00	\$10,000.00	\$ 250.00	\$12,500.00	\$ 480.00	\$24,000.00	\$ 200.00	\$10,000.00	\$ 490.00	\$24,500.00	\$ 400.00	\$20,000.00	\$ 312.50	\$15,625.00	\$ 250.00	\$12,500.00	\$ 650.00	\$32,500.00
19	Fire Hydrant Assembly Removal	EA	I		13	\$ 661.00	\$8,593.00	\$ 564.00	\$7,332.00	\$ 500.00	\$6,500.00	\$ 500.00	\$6,500.00	\$ 480.00	\$6,240.00	\$ 400.00	\$5,200.00	\$ 375.00	\$4,875.00	\$ 815.00	\$9,150.00	\$ 762.50	\$9,912.50	\$ 850.00	\$11,050.00	\$ 800.00	\$10,400.00
20	Meter Box Removal	EA	I		4	\$ 109.00	\$436.00	\$ 282.00	\$1,128.00	\$ 100.00	\$400.00	\$ 500.00	\$2,000.00	\$ 100.00	\$400.00	\$ 300.00	\$1,200.00	\$ 100.00	\$400.00	\$ 450.00	\$1,800.00	\$ 312.50	\$1,250.00	\$ 250.00	\$1,000.00	\$ 200.00	\$800.00
SUB-TOTAL WATER SYSTEM IMPROVEMENTS							\$1,322,142.00		\$812,937.00		\$745,160.00		\$1,040,336.00		\$937,978.00		\$950,268.00		\$1,113,346.05		\$1,470,770.29		\$1,247,548.00		\$1,382,275.00		\$1,622,950.00
SEWER SYSTEM IMPROVEMENTS																											
218	PVC Sewer Main	LF	E		5078	\$ 85.00	\$431,630.00	\$ 46.00	\$233,588.00	\$ 100.00	\$507,800.00	\$ 58.00	\$294,524.00	\$ 70.00	\$355,460.00	\$ 70.00	\$355,460.00	\$ 46.75	\$237,396.50	\$ 87.76	\$445,645.28	\$ 90.00	\$457,020.00	\$ 70.00	\$355,460.00	\$ 100.00	\$507,800.00
228	C-900 PVC Sewer Main	LF	E		879	\$ 106.00	\$93,174.00	\$ 54.00	\$47,466.00	\$ 100.00	\$87,900.00	\$ 78.00	\$68,562.00	\$ 80.00	\$70,320.00	\$ 110.00	\$96,690.00	\$ 69.50	\$61,090.50	\$ 90.00	\$79,110.00	\$ 100.00	\$87,900.00	\$ 75.00	\$65,925.00	\$ 105.00	\$92,295.00
238	Ductile Iron Sewer Main	LF	E		295	\$ 103.00	\$30,385.00	\$ 86.00	\$25,370.00	\$ 125.00	\$36,875.00	\$ 93.00	\$27,435.00	\$ 90.00	\$26,550.00	\$ 88.00	\$25,960.00	\$ 85.00	\$25,075.00	\$ 113.85	\$33,585.75	\$ 96.30	\$28,408.50	\$ 125.00	\$36,875.00	\$ 135.00	\$39,825.00
24	12" PVC Sewer Main	LF	E		802	\$ 158.00	\$126,716.00	\$ 62.00	\$49,724.00	\$ 130.00	\$104,260.00	\$ 87.00	\$69,774.00	\$ 125.00	\$100,250.00	\$ 85.00	\$68,170.00	\$ 61.00	\$48,922.00	\$ 74.00	\$59,348.00	\$ 145.84	\$116,963.68	\$ 120.00	\$96,240.00	\$ 120.00	\$96,240.00
25	12" C-900 PVC Sewer Main	LF	E		3467	\$ 120.00	\$416,040.00	\$ 100.00	\$346,700.00	\$ 135.00	\$468,045.00	\$ 110.00	\$381,370.00	\$ 150.00	\$520,050.00	\$ 110.00	\$381,370.00	\$ 100.00	\$346,700.00	\$ 104.25	\$361,434.75	\$ 150.00	\$520,050.00	\$ 200.00	\$693,400.00	\$ 185.00	\$641,395.00
26	18" C-905 PVC Sewer Main	LF	E		989	\$ 216.00	\$213,624.00	\$ 173.00	\$171,097.00	\$ 135.00	\$133,515.00	\$ 189.00	\$186,921.00	\$ 210.00	\$207,690.00	\$ 240.00	\$237,360.00	\$ 160.00	\$158,240.00	\$ 164.71	\$162,898.19	\$ 160.00	\$158,240.00	\$ 407.00	\$402,523.00	\$ 200.00	\$197,800.00
27	Pre-Cast Manhole (0 ft to 5.99 ft)	EA	E		11	\$ 4,537.00	\$49,907.00	\$ 3,365.00	\$37,015.00	\$ 3,500.00	\$38,500.00	\$ 3,500.00	\$38,500.00	\$ 3,450.00	\$38,950.00	\$ 5,000.00	\$50,000.00	\$ 3,650.00	\$40,150.00	\$ 2,626.00	\$28,886.00	\$ 5,171.59	\$56,887.49	\$ 3,500.00	\$38,500.00	\$ 4,500.00	\$49,500.00
28	Pre-Cast Manhole (6 ft to 8.99 ft)	EA	E		15	\$ 7,033.00	\$105,495.00	\$ 4,112.00	\$61,680.00	\$ 4,000.00	\$60,000.00	\$ 7,500.00	\$112,500.00	\$ 3,700.00	\$55,500.00	\$ 8,000.00	\$120,000.00	\$ 4,300.00	\$64,500.00	\$ 3,132.00	\$46,980.00	\$ 5,588.33	\$83,824.95	\$ 5,500.00	\$82,500.00	\$ 6,000.00	\$90,000.00
29	Pre-Cast Manhole (9 ft to 11.99 ft)	EA	E		21	\$ 7,597.00	\$159,537.00	\$ 5,361.00	\$112,581.00	\$ 4,500.00	\$94,500.00	\$ 7,000.00	\$147,000.00	\$ 5,000.00	\$105,000.00	\$ 9,500.00	\$199,500.00	\$ 4,400.00	\$66,000.00	\$ 3,670.00	\$77,070.00	\$ 6,923.81	\$145,400.01	\$ 7,500.00	\$157,500.00	\$ 10,000.00	\$210,000.00
30	Pre-Cast Manhole (> 12 ft)	EA	E		4	\$ 12,763.00	\$51,052.00	\$ 9,118.00	\$36,472.00	\$ 5,000.00	\$20,000.00	\$ 15,000.00	\$60,000.00	\$ 8,000.00	\$32,000.00	\$ 12,000.00	\$48,000.00	\$ 8,075.00	\$32,300.00	\$ 7,500.00	\$30,000.00	\$ 13,812.50	\$55,250.00	\$ 12,500.00	\$50,000.00	\$ 15,000.00	\$60,000.00
31	4" PVC Service Lateral (Public)	LF	E		5522	\$ 50.00	\$276,100.00	\$ 25.00	\$138,050.00	\$ 25.00	\$126,250.00	\$ 35.00	\$193,275.00	\$ 50.00	\$276,100.00	\$ 35.00	\$193,275.00	\$ 84.75	\$467,989.50	\$ 31.00	\$171,182.00	\$ 47.00	\$259,534.00	\$ 55.00	\$303,710.00	\$ 50.00	\$276,100.00
32	4" C-900 PVC Service Lateral (Public)	LF	E		3849	\$ 65.00	\$250,185.00	\$ 32.00	\$123,168.00	\$ 25.00	\$96,225.00	\$ 41.00	\$157,809.00	\$ 55.00	\$211,695.00	\$ 41.00	\$157,809.00	\$ 94.00	\$361,806.00	\$ 29.75	\$114,507.75						