

City of Joliet, IL
Black Road Acres Phase 1 Water Main Improvements

Bid Date/Time: December 14, 2022 at 2:00 PM
Engineer's Job No. 211917.40

No.	Item	QTY	Unit	Engineer's Estimate		Len Cox & Sons Excavating		Construction by Camco, Inc.		Austin Tyler Construction, Inc.		Trine Construction Corp.		P.T. Ferro Construction		Steve Spiess Construction, Inc.	
				Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
PART A - WATER MAIN IMPROVEMENTS																	
1	PRECONSTRUCTION VIDEO RECORDING	1	LSUM	\$ 7,500.00	\$ 7,500.00	\$ 5,000.00	\$ 5,000.00	\$ 31,844.71	\$ 31,844.71	\$ 200,000.00	\$ 200,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1.00	\$ 1.00	\$ 7,875.00	\$ 7,875.00
2	TRAFFIC CONTROL AND PROTECTION	1	LSUM	\$ 30,000.00	\$ 30,000.00	\$ 214,000.00	\$ 214,000.00	\$ 36,773.40	\$ 36,773.40	\$ 255,000.00	\$ 255,000.00	\$ 20,125.00	\$ 20,125.00	\$ 85,000.00	\$ 85,000.00	\$ 129,500.00	\$ 129,500.00
3	GRANULAR TRENCH BACKFILL	10,000	CUYD	\$ 40.00	\$ 400,000.00	\$ 0.01	\$ 100.00	\$ 0.01	\$ 100.00	\$ 0.01	\$ 100.00	\$ 62.22	\$ 622,200.00	\$ 42.00	\$ 420,000.00	\$ 0.01	\$ 100.00
4	DUCTILE IRON PIPE MOBILIZATION	402	FOOT	\$ 5.00	\$ 2,010.00	\$ 3.00	\$ 1,206.00	\$ 1.03	\$ 414.06	\$ 6.00	\$ 2,412.00	\$ 10.05	\$ 4,040.10	\$ 3.00	\$ 1,206.00	\$ 2.00	\$ 804.00
5	WATER MAIN (OPEN CUT), 4-INCH	26	FOOT	\$ 130.00	\$ 3,380.00	\$ 97.00	\$ 2,522.00	\$ 248.22	\$ 6,453.72	\$ 88.00	\$ 2,288.00	\$ 86.80	\$ 2,251.60	\$ 200.00	\$ 5,200.00	\$ 110.00	\$ 2,860.00
6	WATER MAIN (OPEN CUT), 6-INCH	834	FOOT	\$ 120.00	\$ 100,080.00	\$ 80.25	\$ 66,928.50	\$ 153.68	\$ 128,169.12	\$ 78.00	\$ 65,052.00	\$ 88.80	\$ 74,059.20	\$ 105.00	\$ 87,570.00	\$ 129.70	\$ 108,169.80
7	WATER MAIN (OPEN CUT), 8-INCH	10,577	FOOT	\$ 130.00	\$ 1,375,010.00	\$ 90.00	\$ 951,930.00	\$ 113.84	\$ 1,204,085.68	\$ 95.00	\$ 1,004,815.00	\$ 95.25	\$ 1,007,459.25	\$ 110.00	\$ 1,163,470.00	\$ 136.80	\$ 1,446,933.60
8	WATER MAIN (OPEN CUT), 12-INCH	3,369	FOOT	\$ 170.00	\$ 572,730.00	\$ 135.00	\$ 454,815.00	\$ 178.75	\$ 602,208.75	\$ 146.00	\$ 491,874.00	\$ 142.30	\$ 479,408.70	\$ 160.00	\$ 539,040.00	\$ 194.50	\$ 655,270.50
9	CURED-IN-PLACE-PIPE (WATER MAIN REHABILITATION), 6-INCH	257	FOOT	\$ 125.00	\$ 32,125.00	\$ 260.00	\$ 66,820.00	\$ 229.63	\$ 59,014.91	\$ 265.00	\$ 68,105.00	\$ 169.05	\$ 43,445.85	\$ 165.00	\$ 42,405.00	\$ 225.00	\$ 57,825.00
10	MISCELLANEOUS FITTINGS	17,000	POUND	\$ 5.00	\$ 85,000.00	\$ 0.01	\$ 170.00	\$ 0.01	\$ 170.00	\$ 0.01	\$ 170.00	\$ 0.01	\$ 170.00	\$ 0.01	\$ 170.00	\$ 0.01	\$ 170.00
11	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1-INCH	244	EACH	\$ 2,400.00	\$ 585,600.00	\$ 2,080.00	\$ 507,520.00	\$ 2,956.17	\$ 721,305.48	\$ 2,900.00	\$ 707,600.00	\$ 2,842.50	\$ 693,570.00	\$ 3,700.00	\$ 902,800.00	\$ 4,075.00	\$ 994,300.00
12	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1.5-INCH	2	EACH	\$ 3,300.00	\$ 6,600.00	\$ 2,725.00	\$ 5,450.00	\$ 3,584.14	\$ 7,168.28	\$ 4,150.00	\$ 8,300.00	\$ 3,797.50	\$ 7,595.00	\$ 4,500.00	\$ 9,000.00	\$ 5,075.00	\$ 10,150.00
13	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 3-INCH	1	EACH	\$ 4,000.00	\$ 4,000.00	\$ 3,875.00	\$ 3,875.00	\$ 5,779.03	\$ 5,779.03	\$ 9,200.00	\$ 9,200.00	\$ 7,491.50	\$ 7,491.50	\$ 4,500.00	\$ 4,500.00	\$ 8,816.00	\$ 8,816.00
14	WATER SERVICE LINE TYPE K - OPEN CUT, 1-INCH	2,105	FOOT	\$ 35.00	\$ 73,675.00	\$ 50.00	\$ 105,250.00	\$ 43.98	\$ 92,577.90	\$ 52.00	\$ 109,460.00	\$ 14.40	\$ 30,312.00	\$ 45.00	\$ 94,725.00	\$ 8.50	\$ 17,892.50
15	WATER SERVICE LINE TYPE K - OPEN CUT, 1.5-INCH	55	FOOT	\$ 50.00	\$ 2,750.00	\$ 55.00	\$ 3,025.00	\$ 61.66	\$ 3,391.30	\$ 58.00	\$ 3,190.00	\$ 15.80	\$ 869.00	\$ 45.00	\$ 2,475.00	\$ 13.50	\$ 742.50
16	WATER SERVICE LINE TYPE K - OPEN CUT, 3-INCH	25	FOOT	\$ 75.00	\$ 1,875.00	\$ 175.00	\$ 4,375.00	\$ 88.73	\$ 2,218.25	\$ 131.00	\$ 3,275.00	\$ 80.55	\$ 2,013.75	\$ 45.00	\$ 1,125.00	\$ 142.00	\$ 3,550.00
17	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1-INCH	4,645	FOOT	\$ 30.00	\$ 139,350.00	\$ 45.00	\$ 209,025.00	\$ 19.62	\$ 91,134.90	\$ 22.00	\$ 102,190.00	\$ 25.60	\$ 118,912.00	\$ 45.00	\$ 209,025.00	\$ 8.50	\$ 39,482.50
18	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1.5-INCH	35	FOOT	\$ 45.00	\$ 1,575.00	\$ 55.00	\$ 1,925.00	\$ 38.04	\$ 1,331.40	\$ 31.00	\$ 1,085.00	\$ 32.15	\$ 1,125.25	\$ 45.00	\$ 1,575.00	\$ 13.50	\$ 472.50
19	WATER SERVICE CASING PIPE, 2-INCH	340	FOOT	\$ 50.00	\$ 17,000.00	\$ 45.00	\$ 15,300.00	\$ 55.84	\$ 18,985.60	\$ 47.00	\$ 15,980.00	\$ 13.88	\$ 4,719.20	\$ 110.00	\$ 37,400.00	\$ 86.40	\$ 29,376.00
20	CONNECT TO WATER MAIN (NON-PRESSURE), 6-INCH	4	EACH	\$ 3,500.00	\$ 14,000.00	\$ 3,875.00	\$ 15,500.00	\$ 3,010.29	\$ 12,041.16	\$ 5,700.00	\$ 22,800.00	\$ 4,950.00	\$ 19,800.00	\$ 3,200.00	\$ 12,800.00	\$ 10,441.00	\$ 41,764.00
21	CONNECT TO WATER MAIN (NON-PRESSURE), 8-INCH	6	EACH	\$ 4,000.00	\$ 24,000.00	\$ 4,665.00	\$ 27,990.00	\$ 4,013.72	\$ 24,082.32	\$ 5,800.00	\$ 34,800.00	\$ 4,950.00	\$ 29,700.00	\$ 3,400.00	\$ 20,400.00	\$ 10,531.00	\$ 63,186.00
22	CONNECT TO WATER MAIN (NON-PRESSURE), 10-INCH	1	EACH	\$ 4,500.00	\$ 4,500.00	\$ 3,000.00	\$ 3,000.00	\$ 7,561.85	\$ 7,561.85	\$ 6,100.00	\$ 6,100.00	\$ 4,950.00	\$ 4,950.00	\$ 3,800.00	\$ 3,800.00	\$ 10,796.00	\$ 10,796.00
23	GATE VALVE, 4-INCH	1	EACH	\$ 1,800.00	\$ 1,800.00	\$ 1,700.00	\$ 1,700.00	\$ 1,261.60	\$ 1,261.60	\$ 1,700.00	\$ 1,700.00	\$ 4,049.50	\$ 4,049.50	\$ 2,900.00	\$ 2,900.00	\$ 2,002.00	\$ 2,002.00
24	GATE VALVE, 6-INCH	5	EACH	\$ 2,000.00	\$ 10,000.00	\$ 2,100.00	\$ 10,500.00	\$ 737.69	\$ 3,688.45	\$ 2,050.00	\$ 10,250.00	\$ 4,348.35	\$ 21,741.75	\$ 3,300.00	\$ 16,500.00	\$ 2,227.00	\$ 11,135.00
25	GATE VALVE, 8-INCH	31	EACH	\$ 2,300.00	\$ 71,300.00	\$ 2,900.00	\$ 89,900.00	\$ 670.26	\$ 20,778.06	\$ 2,700.00	\$ 83,700.00	\$ 5,029.15	\$ 155,903.65	\$ 3,900.00	\$ 120,900.00	\$ 2,747.00	\$ 85,157.00
26	GATE VALVE, 12-INCH	13	EACH	\$ 4,000.00	\$ 52,000.00	\$ 4,800.00	\$ 62,400.00	\$ 1,002.75	\$ 13,035.75	\$ 4,800.00	\$ 62,400.00	\$ 6,850.75	\$ 89,059.75	\$ 5,600.00	\$ 72,800.00	\$ 4,177.00	\$ 54,301.00
27	VALVE BOX	8	EACH	\$ 400.00	\$ 3,200.00	\$ 600.00	\$ 4,800.00	\$ 432.01	\$ 3,456.08	\$ 350.00	\$ 2,800.00	\$ 585.80	\$ 4,686.40	\$ 345.00	\$ 2,760.00	\$ 459.00	\$ 3,672.00
28	VALVE VAULT, 4-FOOT DIAMETER	29	EACH	\$ 2,500.00	\$ 72,500.00	\$ 2,490.00	\$ 72,210.00	\$ 4,534.12	\$ 131,489.48	\$ 2,900.00	\$ 84,100.00	\$ 4,217.50	\$ 122,307.50	\$ 3,600.00	\$ 104,400.00	\$ 4,815.00	\$ 139,635.00
29	VALVE VAULT, 5-FOOT DIAMETER	13	EACH	\$ 3,000.00	\$ 39,000.00	\$ 3,065.00	\$ 39,845.00	\$ 6,509.63	\$ 84,625.19	\$ 3,650.00	\$ 47,450.00	\$ 4,918.75	\$ 63,943.75	\$ 5,000.00	\$ 65,000.00	\$ 6,210.00	\$ 80,730.00
30	VALVE VAULT (ADDITIONAL DEPTH), 4-FOOT DIAMETER	2	VFT	\$ 200.00	\$ 400.00	\$ 400.00	\$ 800.00	\$ 458.71	\$ 917.42	\$ 119.00	\$ 238.00	\$ 306.95	\$ 613.90	\$ 1.00	\$ 2.00	\$ 944.00	\$ 1,888.00
31	VALVE VAULT (ADDITIONAL DEPTH), 5-FOOT DIAMETER	2	VFT	\$ 240.00	\$ 480.00	\$ 500.00	\$ 1,000.00	\$ 233.84	\$ 467.68	\$ 192.00	\$ 384.00	\$ 372.50	\$ 745.00	\$ 1.00	\$ 2.00	\$ 1,044.00	\$ 2,088.00
32	FIRE HYDRANT	40	EACH	\$ 6,150.00	\$ 246,000.00	\$ 8,365.00	\$ 334,600.00	\$ 6,631.92	\$ 265,276.80	\$ 9,000.00	\$ 360,000.00	\$ 8,052.50	\$ 322,100.00	\$ 9,000.00	\$ 360,000.00	\$ 7,038.00	\$ 281,520.00
33	FIRE HYDRANT BARREL EXTENSION	3	VFT	\$ 750.00	\$ 2,250.00	\$ 1,000.00	\$ 3,000.00	\$ 1,438.10	\$ 4,314.30	\$ 0.01	\$ 0.03	\$ 960.00	\$ 2,880.00	\$ 1.00	\$ 3.00	\$ 1,229.00	\$ 3,687.00
34	LINE STOP, 8-INCH	1	EACH	\$ 6,750.00	\$ 6,750.00	\$ 7,700.00	\$ 7,700.00	\$ 9,575.36	\$ 9,575.36	\$ 4,500.00	\$ 4,500.00	\$ 6,960.00	\$ 6,960.00	\$ 10,000.00	\$ 10,000.00	\$ 9,034.00	\$ 9,034.00
35	LINE STOP, 10-INCH	1	EACH	\$ 7,500.00	\$ 7,500.00	\$ 11,000.00	\$ 11,000.00	\$ 13,266.81	\$ 13,266.81	\$ 5,500.00	\$ 5,500.00	\$ 8,340.00	\$ 8,340.00	\$ 13,000.00	\$ 13,000.00	\$ 10,294.00	\$ 10,294.00
36	RE-USE LINE STOP, 8-INCH	1	EACH	\$ 25,000.00	\$ 25,000.00	\$ 7,700.00	\$ 7,700.00	\$ 9,588.29	\$ 9,588.29	\$ 6,000.00	\$ 6,000.00	\$ 6,960.00	\$ 6,960.00	\$ 10,000.00	\$ 10,000.00	\$ 11,452.00	\$ 11,452.00
37	ABANDONMENT OF EXISTING WATER MAINS AND APPURTENANCES	1	LSUM	\$ 40,000.00	\$ 40,000.00	\$ 64,500.00	\$ 64,500.00	\$ 41,259.62	\$ 41,259.62	\$ 50,000.00	\$ 50,000.00	\$ 30,000.00	\$ 30,000.00	\$ 83,500.00	\$ 83,500.00	\$ 144,600.00	\$ 144,600.00
38	STORM SEWER REMOVAL AND REPLACEMENT, 10-INCH	15	FOOT	\$ 150.00	\$ 2,250.00	\$ 70.00	\$ 1,050.00	\$ 364.65	\$ 5,469.75	\$ 135.00	\$ 2,025.00	\$ 123.60	\$ 1,854.00	\$ 185.00	\$ 2,775.00	\$ 176.00	\$ 2,640.00
39	STORM SEWER REMOVAL AND REPLACEMENT, 12-INCH	117	FOOT	\$ 160.00	\$ 18,720.00	\$ 75.00	\$ 8,775.00	\$ 228.66	\$ 26,753.22	\$ 140.00	\$ 16,380.00	\$ 136.25	\$ 15,941.25	\$ 150.00	\$ 17,550.00	\$ 175.00	\$ 20,475.00

City of Joliet, IL
Black Road Acres Phase 1 Water Main Improvements

Bid Date/Time: December 14, 2022 at 2:00 PM
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No.	Item	QTY	Unit	Engineer's Estimate		Len Cox & Sons Excavating		Construction by Camco, Inc.		Austin Tyler Construction, Inc.		Trine Construction Corp.		P.T. Ferro Construction		Steve Spiess Construction, Inc.	
				Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
PART A - WATER MAIN IMPROVEMENTS																	
40	CASING PIPE (OPEN CUT), 16-INCH	27	FOOT	\$ 170.00	\$ 4,590.00	\$ 195.00	\$ 5,265.00	\$ 162.72	\$ 4,393.44	\$ 170.00	\$ 4,590.00	\$ 181.55	\$ 4,901.85	\$ 375.00	\$ 10,125.00	\$ 192.00	\$ 5,184.00
41	CASING PIPE (TUNNELING UNDER SEWER), 16-INCH	138	FOOT	\$ 170.00	\$ 23,460.00	\$ 500.00	\$ 69,000.00	\$ 327.56	\$ 45,203.28	\$ 400.00	\$ 55,200.00	\$ 344.20	\$ 47,499.60	\$ 600.00	\$ 82,800.00	\$ 373.00	\$ 51,474.00
42	INLET PROTECTION FILTER	143	EACH	\$ 170.00	\$ 24,310.00	\$ 160.00	\$ 22,880.00	\$ 197.46	\$ 28,236.78	\$ 75.00	\$ 10,725.00	\$ 101.70	\$ 14,543.10	\$ 0.01	\$ 1.43	\$ 217.00	\$ 31,031.00
43	TEMPORARY HOT-MIX ASPHALT PAVEMENT	100	SQYD	\$ 50.00	\$ 5,000.00	\$ 50.00	\$ 5,000.00	\$ 49.06	\$ 4,906.00	\$ 55.00	\$ 5,500.00	\$ 37.40	\$ 3,740.00	\$ 42.00	\$ 4,200.00	\$ 52.00	\$ 5,200.00
44	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 2.5-INCH BINDER 1.5-INCH SURFACE	7,000	SQYD	\$ 35.00	\$ 245,000.00	\$ 39.45	\$ 276,150.00	\$ 32.48	\$ 227,360.00	\$ 50.00	\$ 350,000.00	\$ 42.00	\$ 294,000.00	\$ 34.00	\$ 238,000.00	\$ 43.00	\$ 301,000.00
45	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 5-INCH BINDER 2-INCH SURFACE	3,800	SQYD	\$ 60.00	\$ 228,000.00	\$ 61.00	\$ 231,800.00	\$ 39.49	\$ 150,062.00	\$ 81.00	\$ 307,800.00	\$ 68.45	\$ 260,110.00	\$ 62.00	\$ 235,600.00	\$ 62.20	\$ 236,360.00
46	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT, 3-INCH	50	SQYD	\$ 35.00	\$ 1,750.00	\$ 55.00	\$ 2,750.00	\$ 54.04	\$ 2,702.00	\$ 72.00	\$ 3,600.00	\$ 46.00	\$ 2,300.00	\$ 68.00	\$ 3,400.00	\$ 45.00	\$ 2,250.00
47	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 6-INCH	290	SQYD	\$ 80.00	\$ 23,200.00	\$ 105.00	\$ 30,450.00	\$ 120.31	\$ 34,889.90	\$ 110.00	\$ 31,900.00	\$ 102.35	\$ 29,681.50	\$ 115.00	\$ 33,350.00	\$ 110.60	\$ 32,074.00
48	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	2,180	FOOT	\$ 50.00	\$ 109,000.00	\$ 68.00	\$ 148,240.00	\$ 55.37	\$ 120,706.60	\$ 53.00	\$ 115,540.00	\$ 56.35	\$ 122,843.00	\$ 58.00	\$ 126,440.00	\$ 50.60	\$ 110,308.00
49	PCC SIDEWALK REMOVAL AND REPLACEMENT	22,300	SQFT	\$ 10.00	\$ 223,000.00	\$ 15.45	\$ 344,535.00	\$ 11.02	\$ 245,746.00	\$ 11.50	\$ 256,450.00	\$ 15.55	\$ 346,765.00	\$ 15.00	\$ 334,500.00	\$ 13.00	\$ 289,900.00
50	DETECTABLE WARNINGS	110	SQFT	\$ 40.00	\$ 4,400.00	\$ 50.00	\$ 5,500.00	\$ 46.38	\$ 5,101.80	\$ 35.00	\$ 3,850.00	\$ 112.50	\$ 12,375.00	\$ 26.00	\$ 2,860.00	\$ 47.30	\$ 5,203.00
51	PAVEMENT MARKING - LINE, 4-INCH (THERMOPLASTIC)	310	FOOT	\$ 10.00	\$ 3,100.00	\$ 7.00	\$ 2,170.00	\$ 23.23	\$ 7,201.30	\$ 1.33	\$ 412.30	\$ 1.15	\$ 356.50	\$ 1.33	\$ 412.30	\$ 1.60	\$ 496.00
52	PAVEMENT MARKING - LINE, 6-INCH (THERMOPLASTIC)	1,800	FOOT	\$ 20.00	\$ 36,000.00	\$ 7.00	\$ 12,600.00	\$ 3.45	\$ 6,210.00	\$ 2.00	\$ 3,600.00	\$ 2.30	\$ 4,140.00	\$ 2.00	\$ 3,600.00	\$ 3.20	\$ 5,760.00
53	PAVEMENT MARKING - LINE, 24-INCH (THERMOPLASTIC)	160	FOOT	\$ 40.00	\$ 6,400.00	\$ 12.00	\$ 1,920.00	\$ 13.72	\$ 2,195.20	\$ 8.00	\$ 1,280.00	\$ 6.90	\$ 1,104.00	\$ 8.00	\$ 1,280.00	\$ 7.40	\$ 1,184.00
54	PAVEMENT MARKING - LETTERS AND SYMBOLS	180	SQFT	\$ 40.00	\$ 7,200.00	\$ 25.00	\$ 4,500.00	\$ 31.52	\$ 5,673.60	\$ 8.00	\$ 1,440.00	\$ 27.60	\$ 4,968.00	\$ 8.00	\$ 1,440.00	\$ 6.30	\$ 1,134.00
55	RESTORATION OF LAWNS AND PARKWAYS	1,900	SQYD	\$ 20.00	\$ 38,000.00	\$ 13.00	\$ 24,700.00	\$ 12.80	\$ 24,320.00	\$ 10.50	\$ 19,950.00	\$ 12.65	\$ 24,035.00	\$ 12.00	\$ 22,800.00	\$ 12.60	\$ 23,940.00
56	FENCE TO BE REMOVED AND RE-ERECTED	20	FOOT	\$ 25.00	\$ 500.00	\$ 75.00	\$ 1,500.00	\$ 110.74	\$ 2,214.80	\$ 25.00	\$ 500.00	\$ 230.00	\$ 4,600.00	\$ 100.00	\$ 2,000.00	\$ 134.00	\$ 2,680.00
57	REMOVE AND REPLACE DRAIN TILES, 6-INCH THROUGH 12-INCH	340	FOOT	\$ 60.00	\$ 20,400.00	\$ 65.00	\$ 22,100.00	\$ 100.83	\$ 34,282.20	\$ 45.00	\$ 15,300.00	\$ 145.75	\$ 49,555.00	\$ 140.00	\$ 47,600.00	\$ 61.70	\$ 20,978.00
58	ADJUSTING SANITARY SEWER SERVICE LINE	34	EACH	\$ 1,300.00	\$ 44,200.00	\$ 0.01	\$ 0.34	\$ 672.69	\$ 22,871.46	\$ 700.00	\$ 23,800.00	\$ 760.50	\$ 25,857.00	\$ 1,500.00	\$ 51,000.00	\$ 4,196.00	\$ 142,664.00
59	DUST CONTROL	30	DAY	\$ 440.00	\$ 13,200.00	\$ 0.01	\$ 0.30	\$ 847.56	\$ 25,426.80	\$ 100.00	\$ 3,000.00	\$ 747.50	\$ 22,425.00	\$ 500.00	\$ 15,000.00	\$ 840.00	\$ 25,200.00
60	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	174	CUYD	\$ 70.00	\$ 12,180.00	\$ 0.01	\$ 1.74	\$ 56.08	\$ 9,757.92	\$ 0.01	\$ 1.74	\$ 92.00	\$ 16,008.00	\$ 0.01	\$ 1.74	\$ 62.30	\$ 10,840.20
61	SOIL TESTS FOR CONTAMINANTS	10	EACH	\$ 1,250.00	\$ 12,500.00	\$ 0.01	\$ 0.10	\$ 166.71	\$ 1,667.10	\$ 0.01	\$ 0.10	\$ 1,725.00	\$ 17,250.00	\$ 1,750.00	\$ 17,500.00	\$ 412.00	\$ 4,120.00
62	CONTAMINATED WASTE DISPOSAL	174	CUYD	\$ 80.00	\$ 13,920.00	\$ 0.01	\$ 1.74	\$ 59.87	\$ 10,417.38	\$ 0.01	\$ 1.74	\$ 92.00	\$ 16,008.00	\$ 100.00	\$ 17,400.00	\$ 100.00	\$ 17,400.00
63	EXPLORATORY EXCAVATION	10	EACH	\$ 540.00	\$ 5,400.00	\$ 0.01	\$ 0.10	\$ 501.72	\$ 5,017.20	\$ 400.00	\$ 4,000.00	\$ 1,237.50	\$ 12,375.00	\$ 750.00	\$ 7,500.00	\$ 1,264.07	\$ 12,640.70
64	TREE ROOT PRUNING	39	EACH	\$ 200.00	\$ 7,800.00	\$ 125.00	\$ 4,875.00	\$ 129.91	\$ 5,066.49	\$ 125.00	\$ 4,875.00	\$ 143.75	\$ 5,606.25	\$ 110.00	\$ 4,290.00	\$ 132.00	\$ 5,148.00
65	TREE TRIMMING/TREE TRIMMING/TREE TRIMMING	1	LSUM	\$ 7,250.00	\$ 7,250.00	\$ 3,000.00	\$ 3,000.00	\$ 7,794.53	\$ 7,794.53	\$ 2,000.00	\$ 2,000.00	\$ 11,500.00	\$ 11,500.00	\$ 4,500.00	\$ 4,500.00	\$ 7,875.00	\$ 7,875.00
66	TREE REMOVAL AND REPLACEMENT, 6-INCH THROUGH	1	EACH	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 2,213.65	\$ 2,213.65	\$ 2,550.00	\$ 2,550.00	\$ 2,242.50	\$ 2,242.50	\$ 925.00	\$ 925.00	\$ 2,573.00	\$ 2,573.00
67	TREE REMOVAL AND REPLACEMENT, OVER 12 INCH	1	EACH	\$ 2,600.00	\$ 2,600.00	\$ 9,000.00	\$ 9,000.00	\$ 3,782.94	\$ 3,782.94	\$ 4,050.00	\$ 4,050.00	\$ 3,450.00	\$ 3,450.00	\$ 6,000.00	\$ 6,000.00	\$ 4,148.00	\$ 4,148.00
68	WATER SERVICE LOCATE/WATER SERVICE LOCATE	1	LSUM	\$ 5,730.00	\$ 5,730.00	\$ 0.01	\$ 0.01	\$ 5,932.92	\$ 5,932.92	\$ 7,000.00	\$ 7,000.00	\$ 1,725.00	\$ 1,725.00	\$ 1.00	\$ 1.00	\$ 4,665.00	\$ 4,665.00
SUBTOTAL PART A - WATER MAIN IMPROVEMENTS				\$ 5,212,000.00	\$ 4,620,145.83	\$ 4,743,388.97	\$ 5,090,138.91	\$ 5,395,768.15	\$ 5,800,305.47	\$ 5,857,775.80							
TOTALS AS READ												\$ 5,395,759.25					
PART B - LEAD SERVICE LINE IMPROVEMENTS																	
69	PROJECT MANAGEMENT (LEAD SERVICE REPLACEMENT)	12	hour	\$ 150.00	\$ 1,800.00	\$ 0.01	\$ 0.12	\$ 0.01	\$ 0.12	\$ 75.00	\$ 900.00	\$ 300.00	\$ 3,600.00	\$ 100.00	\$ 1,200.00	\$ 216.00	\$ 2,592.00
70	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP (LEAD SERVICE REPLACEMENT), 1-INCH	3	EACH	\$ 2,400.00	\$ 7,200.00	\$ 0.01	\$ 0.03	\$ 7,798.22	\$ 23,394.66	\$ 2,900.00	\$ 8,700.00	\$ 3,224.80	\$ 9,674.40	\$ 7,400.00	\$ 22,200.00	\$ 4,282.00	\$ 12,846.00
71	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP (LEAD SERVICE REPLACEMENT), 1.5-INCH	1	EACH	\$ 3,500.00	\$ 3,500.00	\$ 0.01	\$ 0.01	\$ 8,493.29	\$ 8,493.29	\$ 4,150.00	\$ 4,150.00	\$ 3,746.00	\$ 3,746.00	\$ 9,000.00	\$ 9,000.00	\$ 4,771.00	\$ 4,771.00
72	WATER SERVICE LINE TYPE K - OPEN CUT (LEAD SERVICE REPLACEMENT), 1-INCH	30	FOOT	\$ 50.00	\$ 1,500.00	\$ 0.01	\$ 0.30	\$ 58.06	\$ 1,741.80	\$ 52.00	\$ 1,560.00	\$ 133.30	\$ 3,999.00	\$ 90.00	\$ 2,700.00	\$ 128.20	\$ 3,846.00
73	WATER SERVICE LINE TYPE K - OPEN CUT (LEAD SERVICE REPLACEMENT), 1.5-INCH	10	FOOT	\$ 55.00	\$ 550.00	\$ 0.01	\$ 0.10	\$ 103.70	\$ 1,037.00	\$ 58.00	\$ 580.00	\$ 158.90	\$ 1,589.00	\$ 90.00	\$ 900.00	\$ 133.20	\$ 1,332.00
74	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING (LEAD SERVICE REPLACEMENT), 1-INCH	110	FOOT	\$ 35.00	\$ 3,850.00	\$ 0.01	\$ 1.10	\$ 26.41	\$ 2,905.10	\$ 22.00	\$ 2,420.00	\$ 64.50	\$ 7,095.00	\$ 90.00	\$ 9,900.00	\$ 31.60	\$ 3,476.00
75	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING (LEAD SERVICE REPLACEMENT), 1.5-INCH	30	FOOT	\$ 50.00	\$ 1,500.00	\$ 0.01	\$ 0.30	\$ 44.38	\$ 1,331.40	\$ 31.00	\$ 930.00	\$ 89.50	\$ 2,685.00	\$ 90.00	\$ 2,700.00	\$ 36.60	\$ 1,098.00

