

City of Joliet, IL
 St. Pat's Phase 1B Water Main Improvements
 Bid Date/Time: December 19, 2022 at 2:00 PM
 Engineer's Job No. 211917.40

No.	Item	QTY	Unit	Engineer's Estimate		Construction by Camco, Inc.		Benchmark Construction Co., Inc.		Austin Tyler Construction, Inc.		PT Ferro Construction Company	
				Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
PART A - WATER MAIN IMPROVEMENTS													
1	PRECONSTRUCTION VIDEO RECORDING	1	LSUM	\$ 10,000.00	\$ 10,000.00	\$ 18,535.38	\$ 18,535.38	\$ 4,000.00	\$ 4,000.00	\$ 125,000.00	\$ 125,000.00	\$ 500.00	\$ 500.00
2	TRAFFIC CONTROL AND PROTECTION	1	LSUM	\$ 40,000.00	\$ 40,000.00	\$ 29,742.87	\$ 29,742.87	\$ 25,000.00	\$ 25,000.00	\$ 386,500.00	\$ 386,500.00	\$ 795,000.00	\$ 795,000.00
3	GRANULAR TRENCH BACKFILL	5,300	CUYD	\$ 40.00	\$ 212,000.00	\$ 0.01	\$ 53.00	\$ 10.00	\$ 53,000.00	\$ 0.01	\$ 53.00	\$ 0.01	\$ 53.00
4	DUCTILE IRON PIPE MOBILIZATION	300	FOOT	\$ 5.00	\$ 1,500.00	\$ 0.90	\$ 270.00	\$ 20.00	\$ 6,000.00	\$ 8.00	\$ 2,400.00	\$ 10.00	\$ 3,000.00
5	WATER MAIN (OPEN CUT), 6-INCH	134	FOOT	\$ 110.00	\$ 14,740.00	\$ 151.70	\$ 20,327.80	\$ 125.00	\$ 16,750.00	\$ 112.00	\$ 15,008.00	\$ 135.00	\$ 18,090.00
6	WATER MAIN (OPEN CUT), 8-INCH	8,820	FOOT	\$ 130.00	\$ 1,146,600.00	\$ 126.22	\$ 1,113,260.40	\$ 247.00	\$ 2,178,540.00	\$ 120.00	\$ 1,058,400.00	\$ 145.00	\$ 1,278,900.00
7	WATER MAIN (DIRECTIONALLY DRILLED), 8-INCH	1,046	FOOT	\$ 250.00	\$ 261,500.00	\$ 174.34	\$ 182,359.64	\$ 131.00	\$ 137,026.00	\$ 205.00	\$ 214,430.00	\$ 155.00	\$ 162,130.00
8	MISCELLANEOUS FITTINGS	13,000	POUND	\$ 5.00	\$ 65,000.00	\$ 0.01	\$ 130.00	\$ 0.01	\$ 130.00	\$ 0.01	\$ 130.00	\$ 0.01	\$ 130.00
9	PROJECT MANAGEMENT	48	HOURL	\$ 150.00	\$ 7,200.00	\$ 0.01	\$ 0.48	\$ 95.00	\$ 4,560.00	\$ 100.00	\$ 4,800.00	\$ 100.00	\$ 4,800.00
10	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1-INCH	86	EACH	\$ 3,100.00	\$ 266,600.00	\$ 2,978.27	\$ 256,131.22	\$ 1,965.00	\$ 168,990.00	\$ 3,100.00	\$ 266,600.00	\$ 2,750.00	\$ 236,500.00
11	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1.5-INCH	1	EACH	\$ 4,000.00	\$ 4,000.00	\$ 3,886.52	\$ 3,886.52	\$ 2,515.00	\$ 2,515.00	\$ 4,700.00	\$ 4,700.00	\$ 3,500.00	\$ 3,500.00
12	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 2-INCH	1	EACH	\$ 5,000.00	\$ 5,000.00	\$ 5,973.89	\$ 5,973.89	\$ 2,965.00	\$ 2,965.00	\$ 6,200.00	\$ 6,200.00	\$ 3,800.00	\$ 3,800.00
13	WATER SERVICE LINE TYPE K - OPEN CUT, 1-INCH	305	FOOT	\$ 50.00	\$ 15,250.00	\$ 73.88	\$ 22,533.40	\$ 63.00	\$ 19,215.00	\$ 70.00	\$ 21,350.00	\$ 95.00	\$ 28,975.00
14	WATER SERVICE LINE TYPE K - OPEN CUT, 1.5-INCH	25	FOOT	\$ 55.00	\$ 1,375.00	\$ 50.11	\$ 1,252.75	\$ 80.00	\$ 2,000.00	\$ 71.00	\$ 1,775.00	\$ 150.00	\$ 3,750.00
15	WATER SERVICE LINE TYPE K - OPEN CUT, 2-INCH	25	FOOT	\$ 100.00	\$ 2,500.00	\$ 102.90	\$ 2,572.50	\$ 80.00	\$ 2,000.00	\$ 82.00	\$ 2,050.00	\$ 150.00	\$ 3,750.00
16	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1-INCH	2,265	FOOT	\$ 30.00	\$ 67,950.00	\$ 37.79	\$ 85,594.35	\$ 10.00	\$ 22,650.00	\$ 35.00	\$ 79,275.00	\$ 30.00	\$ 67,950.00
17	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1.5-INCH	30	FOOT	\$ 45.00	\$ 1,350.00	\$ 85.61	\$ 2,568.30	\$ 25.00	\$ 750.00	\$ 44.00	\$ 1,320.00	\$ 40.00	\$ 1,200.00
18	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 2-INCH	30	FOOT	\$ 60.00	\$ 1,800.00	\$ 95.51	\$ 2,865.30	\$ 25.00	\$ 750.00	\$ 55.00	\$ 1,650.00	\$ 50.00	\$ 1,500.00
19	WATER SERVICE LINE TYPE L, 3/4-INCH	25	FOOT	\$ 50.00	\$ 1,250.00	\$ 65.19	\$ 1,629.75	\$ 75.00	\$ 1,875.00	\$ 12.00	\$ 300.00	\$ 60.00	\$ 1,500.00
20	WATER SERVICE LINE TYPE L, 1-INCH	80	FOOT	\$ 55.00	\$ 4,400.00	\$ 69.37	\$ 5,549.60	\$ 75.00	\$ 6,000.00	\$ 16.00	\$ 1,280.00	\$ 60.00	\$ 4,800.00
21	WATER SERVICE LINE TYPE L, 1.5-INCH	10	FOOT	\$ 65.00	\$ 650.00	\$ 75.37	\$ 753.70	\$ 75.00	\$ 750.00	\$ 18.00	\$ 180.00	\$ 60.00	\$ 600.00
22	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - BASEMENT OR CRAWL SPACE	16	EACH	\$ 2,400.00	\$ 38,400.00	\$ 2,231.30	\$ 35,700.80	\$ 5,400.00	\$ 86,400.00	\$ 3,100.00	\$ 49,600.00	\$ 537.00	\$ 8,592.00
23	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - SLAB	2	EACH	\$ 2,600.00	\$ 5,200.00	\$ 2,566.14	\$ 5,132.28	\$ 5,400.00	\$ 10,800.00	\$ 3,100.00	\$ 6,200.00	\$ 537.00	\$ 1,074.00
24	UTILITY LOCATION - PRIVATE PROPERTY	16	EACH	\$ 400.00	\$ 6,400.00	\$ 123.60	\$ 1,977.60	\$ 125.00	\$ 2,000.00	\$ 330.00	\$ 5,280.00	\$ 380.00	\$ 6,080.00
25	WATER METER RELOCATION	16	EACH	\$ 1,000.00	\$ 16,000.00	\$ 190.29	\$ 3,044.64	\$ 6,100.00	\$ 97,600.00	\$ 300.00	\$ 4,800.00	\$ 850.00	\$ 13,600.00
26	WATER METER REPLACEMENT	2	EACH	\$ 1,000.00	\$ 2,000.00	\$ 193.41	\$ 386.82	\$ 6,100.00	\$ 12,200.00	\$ 260.00	\$ 520.00	\$ 850.00	\$ 1,700.00
27	CONNECT TO WATER MAIN (NON-PRESSURE), 4-INCH	1	EACH	\$ 4,000.00	\$ 4,000.00	\$ 3,010.29	\$ 3,010.29	\$ 3,200.00	\$ 3,200.00	\$ 6,050.00	\$ 6,050.00	\$ 3,000.00	\$ 3,000.00
28	CONNECT TO WATER MAIN (NON-PRESSURE), 6-INCH	6	EACH	\$ 4,500.00	\$ 27,000.00	\$ 3,512.01	\$ 21,072.06	\$ 3,400.00	\$ 20,400.00	\$ 6,050.00	\$ 36,300.00	\$ 3,350.00	\$ 20,100.00
29	CONNECT TO WATER MAIN (NON-PRESSURE), 8-INCH	5	EACH	\$ 5,000.00	\$ 25,000.00	\$ 4,013.72	\$ 20,068.60	\$ 3,500.00	\$ 17,500.00	\$ 6,200.00	\$ 31,000.00	\$ 3,500.00	\$ 17,500.00
30	GATE VALVE, 6-INCH	1	EACH	\$ 2,400.00	\$ 2,400.00	\$ 1,988.91	\$ 1,988.91	\$ 2,500.00	\$ 2,500.00	\$ 2,175.00	\$ 2,175.00	\$ 3,000.00	\$ 3,000.00
31	GATE VALVE, 8-INCH	30	EACH	\$ 3,000.00	\$ 90,000.00	\$ 2,353.02	\$ 70,590.60	\$ 3,000.00	\$ 90,000.00	\$ 2,850.00	\$ 85,500.00	\$ 3,400.00	\$ 102,000.00
32	VALVE BOX	3	EACH	\$ 450.00	\$ 1,350.00	\$ 406.93	\$ 1,220.79	\$ 1,000.00	\$ 3,000.00	\$ 325.00	\$ 975.00	\$ 400.00	\$ 1,200.00
33	VALVE VAULT, 4-FOOT DIAMETER	28	EACH	\$ 4,000.00	\$ 112,000.00	\$ 4,495.24	\$ 125,866.72	\$ 3,200.00	\$ 89,600.00	\$ 3,725.00	\$ 104,300.00	\$ 3,100.00	\$ 86,800.00
34	VALVE VAULT (ADDITIONAL DEPTH), 4-FOOT DIAMETER	5	VFT	\$ 325.00	\$ 1,625.00	\$ 361.58	\$ 1,807.90	\$ 500.00	\$ 2,500.00	\$ 125.00	\$ 625.00	\$ 200.00	\$ 1,000.00
35	FIRE HYDRANT	28	EACH	\$ 8,000.00	\$ 224,000.00	\$ 6,172.48	\$ 172,829.44	\$ 7,000.00	\$ 196,000.00	\$ 10,050.00	\$ 281,400.00	\$ 11,000.00	\$ 308,000.00
36	FIRE HYDRANT BARREL EXTENSION	5	VFT	\$ 800.00	\$ 4,000.00	\$ 1,688.96	\$ 8,444.80	\$ 1,000.00	\$ 5,000.00	\$ 1,000.00	\$ 5,000.00	\$ 1,000.00	\$ 5,000.00

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37	ABANDONMENT OF EXISTING WATER MAINS AND APPURTENANCES	1	LSUM	\$ 45,000.00	\$ 45,000.00	\$ 20,008.94	\$ 28,008.94	\$ 31,000.00	\$ 31,000.00	\$ 26,150.00	\$ 26,150.00	\$ 60,000.00	\$ 60,000.00
38	SANITARY SEWER REMOVAL AND REPLACEMENT, 8-INCH	107	FOOT	\$ 160.00	\$ 17,120.00	\$ 335.02	\$ 35,847.14	\$ 171.00	\$ 18,297.00	\$ 150.00	\$ 16,050.00	\$ 180.00	\$ 19,260.00
39	SANITARY SEWER REMOVAL AND REPLACEMENT, 10-INCH	17	FOOT	\$ 200.00	\$ 3,400.00	\$ 850.31	\$ 14,455.27	\$ 400.00	\$ 6,800.00	\$ 300.00	\$ 5,100.00	\$ 375.00	\$ 6,375.00
40	SANITARY SEWER REMOVAL AND REPLACEMENT, 15-INCH	28	FOOT	\$ 230.00	\$ 6,440.00	\$ 721.89	\$ 20,212.92	\$ 400.00	\$ 11,200.00	\$ 335.00	\$ 9,380.00	\$ 350.00	\$ 9,800.00
41	SANITARY SEWER REMOVAL AND REPLACEMENT, 18-INCH	8	FOOT	\$ 250.00	\$ 2,000.00	\$ 1,626.06	\$ 13,008.48	\$ 845.00	\$ 6,760.00	\$ 1,050.00	\$ 8,400.00	\$ 700.00	\$ 5,600.00
42	INLET PROTECTION FILTER	137	EACH	\$ 170.00	\$ 23,290.00	\$ 218.25	\$ 29,900.25	\$ 150.00	\$ 20,550.00	\$ 166.24	\$ 22,774.88	\$ 190.00	\$ 26,030.00
43	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 2.5-INCH BINDER 1.5-INCH SURFACE	4,900	SQYD	\$ 40.00	\$ 196,000.00	\$ 39.29	\$ 192,521.00	\$ 40.50	\$ 198,450.00	\$ 52.00	\$ 254,800.00	\$ 36.25	\$ 177,625.00
44	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 4-INCH BINDER 2-INCH SURFACE	1,100	SQYD	\$ 60.00	\$ 66,000.00	\$ 61.90	\$ 68,090.00	\$ 76.50	\$ 84,150.00	\$ 74.00	\$ 81,400.00	\$ 60.00	\$ 66,000.00
44	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT, 3-INCH	30	SQYD	\$ 55.00	\$ 1,650.00	\$ 110.86	\$ 3,325.80	\$ 60.00	\$ 1,800.00	\$ 80.00	\$ 2,400.00	\$ 100.00	\$ 3,000.00
45	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 6-INCH	50	SQYD	\$ 110.00	\$ 5,500.00	\$ 611.17	\$ 30,558.50	\$ 99.00	\$ 4,950.00	\$ 135.00	\$ 6,750.00	\$ 115.00	\$ 5,750.00
46	GRAVEL DRIVEWAY REMOVAL AND REPLACEMENT	30	SQYD	\$ 30.00	\$ 900.00	\$ 40.68	\$ 1,220.40	\$ 95.00	\$ 2,850.00	\$ 38.00	\$ 1,140.00	\$ 100.00	\$ 3,000.00
47	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	930	FOOT	\$ 55.00	\$ 51,150.00	\$ 53.77	\$ 50,006.10	\$ 48.00	\$ 44,640.00	\$ 62.00	\$ 57,660.00	\$ 55.00	\$ 51,150.00
48	PCC SIDEWALK REMOVAL AND REPLACEMENT	7,000	SOFT	\$ 20.00	\$ 140,000.00	\$ 9.76	\$ 68,320.00	\$ 14.00	\$ 98,000.00	\$ 13.50	\$ 94,500.00	\$ 14.00	\$ 98,000.00
49	DETECTABLE WARNINGS	10	SOFT	\$ 45.00	\$ 450.00	\$ 54.87	\$ 548.70	\$ 38.00	\$ 380.00	\$ 25.00	\$ 250.00	\$ 50.00	\$ 500.00
50	REMOVE AND RESET RETAINING WALL	130	FOOT	\$ 100.00	\$ 13,000.00	\$ 161.89	\$ 21,045.70	\$ 20.00	\$ 2,600.00	\$ 110.00	\$ 14,300.00	\$ 300.00	\$ 39,000.00
51	PAVEMENT MARKING - LINE, 6-INCH (THERMOPLASTIC)	820	FOOT	\$ 20.00	\$ 16,400.00	\$ 3.37	\$ 2,763.40	\$ 6.00	\$ 4,920.00	\$ 2.50	\$ 2,050.00	\$ 2.39	\$ 1,959.80
52	PAVEMENT MARKING - LINE, 12-INCH (THERMOPLASTIC)	30	FOOT	\$ 20.00	\$ 600.00	\$ 16.63	\$ 498.90	\$ 8.00	\$ 240.00	\$ 5.25	\$ 157.50	\$ 5.24	\$ 157.20
53	PAVEMENT MARKING - LINE, 24-INCH (THERMOPLASTIC)	180	FOOT	\$ 40.00	\$ 7,200.00	\$ 24.13	\$ 4,343.40	\$ 20.00	\$ 3,600.00	\$ 10.50	\$ 1,890.00	\$ 10.47	\$ 1,884.60
54	RESTORATION OF LAWNS AND PARKWAYS	600	SQYD	\$ 20.00	\$ 12,000.00	\$ 20.40	\$ 12,240.00	\$ 13.00	\$ 7,800.00	\$ 10.50	\$ 6,300.00	\$ 10.00	\$ 6,000.00
55	LANDSCAPING PROJECT MANAGEMENT	32	HOUR	\$ 130.00	\$ 4,160.00	\$ 93.53	\$ 2,992.96	\$ 85.00	\$ 2,720.00	\$ 100.00	\$ 3,200.00	\$ 100.00	\$ 3,200.00
56	LANDSCAPING RESTORATION ALLOWANCE	16	EACH	\$ 450.00	\$ 7,200.00	\$ 467.67	\$ 7,482.72	\$ 450.00	\$ 7,200.00	\$ 450.00	\$ 7,200.00	\$ 450.00	\$ 7,200.00
57	SHRUB AND BRUSH DISPOSAL	12	EACH	\$ 130.00	\$ 1,560.00	\$ 77.95	\$ 935.40	\$ 50.00	\$ 600.00	\$ 50.00	\$ 600.00	\$ 100.00	\$ 1,200.00
58	FENCE TO BE REMOVED AND RE-ERECTED	40	FOOT	\$ 110.00	\$ 4,400.00	\$ 55.37	\$ 2,214.80	\$ 60.00	\$ 2,400.00	\$ 25.00	\$ 1,000.00	\$ 200.00	\$ 8,000.00
59	CRIMP WATER SERVICE	16	EACH	\$ 360.00	\$ 5,760.00	\$ 203.82	\$ 3,261.12	\$ 1,800.00	\$ 28,800.00	\$ 80.00	\$ 1,280.00	\$ 750.00	\$ 12,000.00
60	REMOVE AND REPLACE DRAIN TILES, 6-INCH THROUGH 12-INCH	220	FOOT	\$ 90.00	\$ 19,800.00	\$ 92.36	\$ 20,319.20	\$ 80.00	\$ 17,600.00	\$ 45.00	\$ 9,900.00	\$ 100.00	\$ 22,000.00
61	ADJUSTING SANITARY SEWER SERVICE LINE	27	EACH	\$ 1,300.00	\$ 35,100.00	\$ 1,504.38	\$ 40,618.26	\$ 3,850.00	\$ 103,950.00	\$ 820.00	\$ 22,140.00	\$ 1,500.00	\$ 40,500.00
62	DUST CONTROL	20	DAY	\$ 525.00	\$ 10,500.00	\$ 847.56	\$ 16,951.20	\$ 1,200.00	\$ 24,000.00	\$ 200.00	\$ 4,000.00	\$ 200.00	\$ 4,000.00
63	REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL	91	CUYD	\$ 70.00	\$ 6,370.00	\$ 55.18	\$ 5,021.38	\$ 90.00	\$ 8,190.00	\$ 0.01	\$ 0.91	\$ 0.01	\$ 0.91
64	SOIL TESTS FOR CONTAMINANTS	10	EACH	\$ 1,250.00	\$ 12,500.00	\$ 166.71	\$ 1,667.10	\$ 1,000.00	\$ 10,000.00	\$ 0.01	\$ 0.10	\$ 2,000.00	\$ 20,000.00
65	CONTAMINATED WASTE DISPOSAL	91	CUYD	\$ 80.00	\$ 7,280.00	\$ 51.96	\$ 4,728.36	\$ 100.00	\$ 9,100.00	\$ 0.01	\$ 0.91	\$ 200.00	\$ 18,200.00
66	EXPLORATORY EXCAVATION	10	EACH	\$ 710.00	\$ 7,100.00	\$ 501.72	\$ 5,017.20	\$ 861.00	\$ 8,610.00	\$ 425.00	\$ 4,250.00	\$ 750.00	\$ 7,500.00
67	ROCK EXCAVATION	2,290	CUYD	\$ 180.00	\$ 412,200.00	\$ 220.88	\$ 505,815.20	\$ 25.00	\$ 57,250.00	\$ 190.00	\$ 435,100.00	\$ 135.00	\$ 309,150.00
68	TREE ROOT PRUNING	25	EACH	\$ 200.00	\$ 5,000.00	\$ 129.91	\$ 3,247.75	\$ 150.00	\$ 3,750.00	\$ 50.00	\$ 1,250.00	\$ 100.00	\$ 2,500.00
69	TREE TRIMMING	1	LSUM	\$ 7,250.00	\$ 7,250.00	\$ 23,383.58	\$ 23,383.58	\$ 15,000.00	\$ 15,000.00	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00
70	TREE REMOVAL AND REPLACEMENT, 6-INCH THROUGH 12-INCH	1	EACH	\$ 2,500.00	\$ 2,500.00	\$ 2,229.23	\$ 2,229.23	\$ 2,000.00	\$ 2,000.00	\$ 2,550.00	\$ 2,550.00	\$ 5,000.00	\$ 5,000.00
71	TREE REMOVAL AND REPLACEMENT, OVER 12 INCH	2	EACH	\$ 4,500.00	\$ 9,000.00	\$ 3,803.73	\$ 7,607.46	\$ 2,000.00	\$ 4,000.00	\$ 4,050.00	\$ 8,100.00	\$ 5,000.00	\$ 10,000.00
72	WATER SERVICE LOCATE	1	LSUM	\$ 5,180.00	\$ 5,180.00	\$ 3,955.28	\$ 3,955.28	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$ 500.00	\$ 500.00
SUBTOTAL PART A - WATER MAIN IMPROVEMENTS:				\$ 3,861,000.00	\$ 3,861,000.00	\$ 3,483,496.20	\$ 3,483,496.20	\$ 4,153,323.00	\$ 4,153,323.00	\$ 3,937,650.30	\$ 3,937,650.30	\$ 4,251,616.51	\$ 4,251,616.51

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PART B - SANITARY SEWER IMPROVEMENTS													
73	GRANULAR TRENCH BACKFILL (SANITARY)	1,100	CUYD	\$ 40.00	\$ 44,000.00	\$ 0.01	\$ 11.00	\$ 10.00	\$ 11,000.00	\$ 0.01	\$ 11.00	\$ 30.00	\$ 33,000.00
74	SANITARY SEWER (OPEN CUT), 8-INCH, PVC, 0 TO 8 FEET DEEP	290	FOOT	\$ 125.00	\$ 36,250.00	\$ 158.97	\$ 46,101.30	\$ 125.00	\$ 36,250.00	\$ 100.00	\$ 29,000.00	\$ 130.00	\$ 37,700.00
75	SANITARY SEWER (OPEN CUT), 8-INCH, PVC, 8 TO 12 FEET DEEP	1,004	FOOT	\$ 140.00	\$ 140,560.00	\$ 188.37	\$ 189,123.48	\$ 125.00	\$ 125,500.00	\$ 130.00	\$ 130,520.00	\$ 155.00	\$ 155,620.00
76	SANITARY SEWER MANHOLE, TYPE A, 4-FOOT DIAMETER, 0 TO 8 FEET DEEP	3	EACH	\$ 8,000.00	\$ 24,000.00	\$ 8,232.89	\$ 24,698.67	\$ 7,600.00	\$ 22,800.00	\$ 5,150.00	\$ 15,450.00	\$ 5,700.00	\$ 17,100.00
77	SANITARY SEWER MANHOLE, TYPE A, 4-FOOT DIAMETER, 8 TO 12 FEET DEEP	5	EACH	\$ 9,000.00	\$ 45,000.00	\$ 9,336.24	\$ 46,681.20	\$ 7,600.00	\$ 38,000.00	\$ 6,500.00	\$ 32,500.00	\$ 7,100.00	\$ 35,500.00
78	CONNECTION TO EXISTING SANITARY SEWER MANHOLE	5	EACH	\$ 5,650.00	\$ 28,250.00	\$ 1,133.34	\$ 5,666.70	\$ 3,000.00	\$ 15,000.00	\$ 3,550.00	\$ 17,750.00	\$ 5,000.00	\$ 25,000.00
79	SANITARY SERVICE LINES, 6-INCH	622	FOOT	\$ 30.00	\$ 18,660.00	\$ 175.61	\$ 109,229.42	\$ 110.00	\$ 68,420.00	\$ 111.00	\$ 69,042.00	\$ 225.00	\$ 139,950.00
80	EXCAVATION AND POINT REPAIR - NO.1	1	LSUM	\$ 15,166.00	\$ 15,166.00	\$ 12,188.72	\$ 12,188.72	\$ 15,000.00	\$ 15,000.00	\$ 16,500.00	\$ 16,500.00	\$ 20,000.00	\$ 20,000.00
81	EXCAVATION AND POINT REPAIR - ADDITIONAL PIPE IN PAVEMENT - 10'	10	FOOT	\$ 400.00	\$ 4,000.00	\$ 236.76	\$ 2,367.60	\$ 300.00	\$ 3,000.00	\$ 140.00	\$ 1,400.00	\$ 250.00	\$ 2,500.00
82	TELEVISIONING OF NEW SEWER FOR FINAL INSPECTION	1,891	FOOT	\$ 4.00	\$ 7,564.00	\$ 5.22	\$ 9,871.02	\$ 4.00	\$ 7,564.00	\$ 6.50	\$ 12,291.50	\$ 10.00	\$ 18,910.00
83	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT, 2.5-INCH BINDER 1.5-INCH SURFACE (SANITARY)	1,000	SQYD	\$ 40.00	\$ 40,000.00	\$ 50.20	\$ 50,200.00	\$ 43.00	\$ 43,000.00	\$ 52.00	\$ 52,000.00	\$ 45.00	\$ 45,000.00
84	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT, 3-INCH (SANITARY)	130	SQYD	\$ 55.00	\$ 7,150.00	\$ 97.26	\$ 12,643.80	\$ 58.00	\$ 7,540.00	\$ 80.00	\$ 10,400.00	\$ 100.00	\$ 13,000.00
85	PCC DRIVEWAY REMOVAL AND REPLACEMENT, 6-INCH (SANITARY)	50	SQYD	\$ 110.00	\$ 5,500.00	\$ 135.82	\$ 6,791.00	\$ 99.00	\$ 4,950.00	\$ 135.00	\$ 6,750.00	\$ 115.00	\$ 5,750.00
86	GRAVEL DRIVEWAY REMOVAL AND REPLACEMENT (SANITARY)	60	SQYD	\$ 30.00	\$ 1,800.00	\$ 32.32	\$ 1,939.20	\$ 97.00	\$ 5,820.00	\$ 38.00	\$ 2,280.00	\$ 100.00	\$ 6,000.00
87	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (SANITARY)	140	FOOT	\$ 55.00	\$ 7,700.00	\$ 56.35	\$ 7,889.00	\$ 48.00	\$ 6,720.00	\$ 62.00	\$ 8,680.00	\$ 55.00	\$ 7,700.00
88	PCC SIDEWALK REMOVAL AND REPLACEMENT (SANITARY)	1,000	SQFT	\$ 20.00	\$ 20,000.00	\$ 12.69	\$ 12,690.00	\$ 14.00	\$ 14,000.00	\$ 13.50	\$ 13,500.00	\$ 14.00	\$ 14,000.00
89	RESTORATION OF LAWNS AND PARKWAYS (SANITARY)	400	SQYD	\$ 20.00	\$ 8,000.00	\$ 25.98	\$ 10,392.00	\$ 13.00	\$ 5,200.00	\$ 10.50	\$ 4,200.00	\$ 12.00	\$ 4,800.00
90	ROCK EXCAVATION (SANITARY)	490	CUYD	\$ 180.00	\$ 88,200.00	\$ 221.53	\$ 108,549.70	\$ 101.00	\$ 49,490.00	\$ 190.00	\$ 93,100.00	\$ 130.00	\$ 63,700.00
91	TREE ROOT PRUNING (SANITARY)	6	EACH	\$ 200.00	\$ 1,200.00	\$ 129.91	\$ 779.46	\$ 150.00	\$ 900.00	\$ 50.00	\$ 300.00	\$ 100.00	\$ 600.00
SUBTOTAL PART B - SANITARY SEWER IMPROVEMENTS:				\$	543,000.00	\$	657,813.27	\$	480,154.00	\$	515,674.50	\$	645,830.00
PART C - LEAD SERVICE LINE IMPROVEMENTS													
92	PROJECT MANAGEMENT (LEAD SERVICE REPLACEMENT)	261	HOURL	\$ 150.00	\$ 39,150.00	\$ 0.01	\$ 2.61	\$ 100.00	\$ 26,100.00	\$ 100.00	\$ 26,100.00	\$ 100.00	\$ 26,100.00
93	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP (LEAD SERVICE REPLACEMENT), 1-INCH	86	EACH	\$ 4,300.00	\$ 369,800.00	\$ 4,561.16	\$ 392,259.76	\$ 1,965.00	\$ 168,990.00	\$ 3,125.00	\$ 268,750.00	\$ 4,750.00	\$ 408,500.00
94	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP (LEAD SERVICE REPLACEMENT), 1.5-INCH	1	EACH	\$ 5,000.00	\$ 5,000.00	\$ 5,143.36	\$ 5,143.36	\$ 2,510.00	\$ 2,510.00	\$ 4,725.00	\$ 4,725.00	\$ 5,500.00	\$ 5,500.00
95	WATER SERVICE LINE TYPE K - OPEN CUT (LEAD SERVICE REPLACEMENT), 1-INCH	305	FOOT	\$ 80.00	\$ 24,400.00	\$ 67.88	\$ 20,703.40	\$ 63.00	\$ 19,215.00	\$ 70.00	\$ 21,350.00	\$ 85.00	\$ 25,925.00
96	WATER SERVICE LINE TYPE K - OPEN CUT (LEAD SERVICE REPLACEMENT), 1.5-INCH	20	FOOT	\$ 90.00	\$ 1,800.00	\$ 84.45	\$ 1,689.00	\$ 80.00	\$ 1,600.00	\$ 71.00	\$ 1,420.00	\$ 90.00	\$ 1,800.00
97	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING (LEAD SERVICE REPLACEMENT), 1-INCH	5,275	FOOT	\$ 40.00	\$ 211,000.00	\$ 34.13	\$ 180,035.75	\$ 9.00	\$ 47,475.00	\$ 35.00	\$ 184,625.00	\$ 28.00	\$ 147,700.00
98	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING (LEAD SERVICE REPLACEMENT), 1.5-INCH	35	FOOT	\$ 50.00	\$ 1,750.00	\$ 41.01	\$ 1,435.35	\$ 25.00	\$ 875.00	\$ 44.00	\$ 1,540.00	\$ 70.00	\$ 2,450.00
99	WATER SERVICE LINE TYPE L (LEAD SERVICE REPLACEMENT), 3/4-INCH	435	FOOT	\$ 50.00	\$ 21,750.00	\$ 79.91	\$ 34,760.85	\$ 50.00	\$ 21,750.00	\$ 12.00	\$ 5,220.00	\$ 60.00	\$ 26,100.00
100	WATER SERVICE LINE TYPE L (LEAD SERVICE REPLACEMENT), 1-INCH	30	FOOT	\$ 54.00	\$ 1,620.00	\$ 61.15	\$ 1,834.50	\$ 50.00	\$ 1,500.00	\$ 16.00	\$ 480.00	\$ 60.00	\$ 1,800.00
101	WATER SERVICE LINE TYPE L (LEAD SERVICE REPLACEMENT), 1.5-INCH	30	FOOT	\$ 65.00	\$ 1,950.00	\$ 86.30	\$ 2,589.00	\$ 50.00	\$ 1,500.00	\$ 18.00	\$ 540.00	\$ 75.00	\$ 2,250.00
102	WATER SERVICE CASING PIPE (LEAD SERVICE REPLACEMENT), 2-INCH	530	FOOT	\$ 55.00	\$ 29,150.00	\$ 2.16	\$ 1,144.80	\$ 10.00	\$ 5,300.00	\$ 50.00	\$ 26,500.00	\$ 100.00	\$ 53,000.00
103	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - BASEMENT OR CRAWL SPACE (LEAD SERVICE REPLACEMENT)	65	EACH	\$ 2,400.00	\$ 156,000.00	\$ 2,508.69	\$ 163,064.85	\$ 2,385.00	\$ 155,025.00	\$ 3,100.00	\$ 201,500.00	\$ 537.00	\$ 34,905.00
104	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - SLAB (LEAD SERVICE REPLACEMENT)	22	EACH	\$ 2,600.00	\$ 57,200.00	\$ 2,443.25	\$ 53,751.50	\$ 2,385.00	\$ 52,470.00	\$ 3,100.00	\$ 68,200.00	\$ 537.00	\$ 11,814.00
105	UTILITY LOCATION - PRIVATE PROPERTY (LEAD SERVICE REPLACEMENT)	87	EACH	\$ 400.00	\$ 34,800.00	\$ 125.02	\$ 10,876.74	\$ 126.00	\$ 10,962.00	\$ 330.00	\$ 28,710.00	\$ 380.00	\$ 33,060.00

City of Joliet, IL
 St. Pat's Phase 1B Water Main Improvements
 Bid Date/Time: December 19, 2022 at 2:00 PM
 Engineer's Job No. 211917.40

No.	Item	QTY	Unit	Engineer's Estimate		Construction by Camco, Inc.		Benchmark Construction Co., Inc.		Austin Tyler Construction, Inc.		PT Ferro Construction Company	
				Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
106	WATER METER RELOCATION (LEAD SERVICE REPLACEMENT)	87	EACH	\$ 1,000.00	\$ 87,000.00	\$ 193.16	\$ 16,804.92	\$ 545.00	\$ 47,415.00	\$ 300.00	\$ 26,100.00	\$ 0.01	\$ 0.87
107	WATER METER REPLACEMENT (LEAD SERVICE REPLACEMENT)	87	EACH	\$ 1,000.00	\$ 87,000.00	\$ 196.28	\$ 17,076.36	\$ 545.00	\$ 47,415.00	\$ 260.00	\$ 22,620.00	\$ 0.01	\$ 0.87
108	LANDSCAPING PROJECT MANAGEMENT (LEAD SERVICE REPLACEMENT)	174	HOURL	\$ 130.00	\$ 22,620.00	\$ 93.53	\$ 16,274.22	\$ 85.00	\$ 14,790.00	\$ 100.00	\$ 17,400.00	\$ 100.00	\$ 17,400.00
109	LANDSCAPING RESTORATION ALLOWANCE (LEAD SERVICE REPLACEMENT)	87	EACH	\$ 450.00	\$ 39,150.00	\$ 467.67	\$ 40,687.29	\$ 450.00	\$ 39,150.00	\$ 450.00	\$ 39,150.00	\$ 450.00	\$ 39,150.00
110	SHRUB AND BRUSH DISPOSAL (LEAD SERVICE REPLACEMENT)	25	EACH	\$ 128.00	\$ 3,200.00	\$ 77.95	\$ 1,948.75	\$ 50.00	\$ 1,250.00	\$ 50.00	\$ 1,250.00	\$ 100.00	\$ 2,500.00
111	HOT-MIX ASPHALT REMOVAL AND REPLACEMENT (LEAD SERVICE REPLACEMENT), 2.5-INCH BINDER 1.5-INCH SURFACE	100	SQYD	\$ 39.00	\$ 3,900.00	\$ 45.83	\$ 4,583.00	\$ 75.00	\$ 7,500.00	\$ 52.00	\$ 5,200.00	\$ 100.00	\$ 10,000.00
112	HOT-MIX ASPHALT DRIVEWAY REMOVAL AND REPLACEMENT LEAD SERVICE REPLACEMENT), 3-INCH	20	SQYD	\$ 70.00	\$ 1,400.00	\$ 164.49	\$ 3,289.80	\$ 70.00	\$ 1,400.00	\$ 104.00	\$ 2,080.00	\$ 100.00	\$ 2,000.00
113	PCC DRIVEWAY REMOVAL AND REPLACEMENT (LEAD SERVICE REPLACEMENT), 6-INCH	60	SQYD	\$ 120.00	\$ 7,200.00	\$ 128.78	\$ 7,726.80	\$ 99.00	\$ 5,940.00	\$ 134.00	\$ 8,040.00	\$ 115.00	\$ 6,900.00
114	GRAVEL DRIVEWAY REMOVAL AND REPLACEMENT	20	SQYD	\$ 28.00	\$ 560.00	\$ 61.03	\$ 1,220.60	\$ 97.00	\$ 1,940.00	\$ 38.00	\$ 760.00	\$ 100.00	\$ 2,000.00
115	CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (LEAD SERVICE REPLACEMENT)	180	FOOT	\$ 70.00	\$ 12,600.00	\$ 104.97	\$ 18,894.60	\$ 48.00	\$ 8,640.00	\$ 62.00	\$ 11,160.00	\$ 55.00	\$ 9,900.00
116	PCC SIDEWALK REMOVAL AND REPLACEMENT (LEAD SERVICE REPLACEMENT)	4,200	SQFT	\$ 20.00	\$ 84,000.00	\$ 13.03	\$ 54,726.00	\$ 14.00	\$ 58,800.00	\$ 13.50	\$ 56,700.00	\$ 14.00	\$ 58,800.00
117	RESTORATION OF LAWNS AND PARKWAYS (LEAD SERVICE REPLACEMENT)	400	SQYD	\$ 20.00	\$ 8,000.00	\$ 25.98	\$ 10,392.00	\$ 13.00	\$ 5,200.00	\$ 10.50	\$ 4,200.00	\$ 12.00	\$ 4,800.00
SUBTOTAL PART C - LSL REPLACEMENTS:				\$	1,312,000.00	\$	1,062,915.81	\$	754,712.00	\$	1,034,320.00	\$	934,355.74
TOTAL AMOUNT OF BID (PARTS A, B, AND C):				\$	5,716,000.00	\$	5,204,225.28	\$	5,388,189.00	\$	5,487,644.80	\$	5,831,802.25