

City of Joliet, Illinois
 Essington ComEd Crossing Water Main Improvements
 Contract No. 2616-0222
 Bid Date/Time: January 20, 2022 @ 10:00 AM
 Engineer's Job No. 210039.40

		Engineer's Estimate		PT Ferro Construction		Construction by Camco		Swallow Construction		Steve Spiess Construction		Len Cox & Sons Excavating		Brandt Excavating, Inc.		Austin Tyler Construction				
No.	Item	QTY	Unit	Unit Price	Total Price	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total			
1	PRECONSTRUCTION VIDEO RECORDING	1	LSUM	\$ 5,000.00	\$ 5,000.00	\$ 0.01	\$ 0.01	\$ 4,751.63	\$ 4,751.63	\$ 1,115.00	\$ 1,115.00	\$ 1,155.00	\$ 1,155.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 28,404.00	\$ 28,404.00	
2	TRAFFIC CONTROL AND PROTECTION (SPECIAL)	1	LSUM	\$ 70,000.00	\$ 70,000.00	\$ 20,500.00	\$ 20,500.00	\$ 17,979.57	\$ 17,979.57	\$ 115,000.00	\$ 115,000.00	\$ 9,350.00	\$ 9,350.00	\$ 55,000.00	\$ 55,000.00	\$ 225,000.00	\$ 225,000.00	\$ 28,000.00	\$ 28,000.00	
3	GRANULAR TRENCH BACKFILL	2,100	CUYD	\$ 63,000.00	\$ 132,300.00	\$ 0.01	\$ 21.00	\$ 0.01	\$ 21.00	\$ 0.01	\$ 21.00	\$ 0.01	\$ 21.00	\$ 0.01	\$ 21.00	\$ 0.01	\$ 21.00	\$ 0.01	\$ 21.00	\$ 21.00
4	DUCTILE IRON WATER MAIN (OPEN CUT), 4-INCH	40	FOOT	\$ 3,200.00	\$ 128,000.00	\$ 120.00	\$ 4,800.00	\$ 124.00	\$ 4,960.00	\$ 120.00	\$ 4,800.00	\$ 102.00	\$ 4,080.00	\$ 115.00	\$ 4,600.00	\$ 150.00	\$ 6,000.00	\$ 115.00	\$ 4,600.00	\$ 4,600.00
5	DUCTILE IRON WATER MAIN (OPEN CUT), 6-INCH	100	FOOT	\$ 8,500.00	\$ 850,000.00	\$ 120.00	\$ 12,000.00	\$ 140.36	\$ 14,036.00	\$ 75.00	\$ 7,500.00	\$ 107.00	\$ 10,700.00	\$ 83.00	\$ 8,300.00	\$ 150.00	\$ 15,000.00	\$ 110.00	\$ 11,000.00	\$ 11,000.00
6	DUCTILE IRON WATER MAIN (OPEN CUT), 8-INCH	140	FOOT	\$ 13,300.00	\$ 1,862,000.00	\$ 225.00	\$ 31,500.00	\$ 282.65	\$ 39,571.00	\$ 155.00	\$ 21,700.00	\$ 117.00	\$ 16,380.00	\$ 150.00	\$ 21,000.00	\$ 150.00	\$ 21,000.00	\$ 180.00	\$ 25,200.00	\$ 25,200.00
7	DUCTILE IRON WATER MAIN (OPEN CUT), 12-INCH	3,100	FOOT	\$ 372,000.00	\$ 1,165,200.00	\$ 160.00	\$ 496,000.00	\$ 173.15	\$ 536,765.00	\$ 125.00	\$ 387,500.00	\$ 163.00	\$ 505,300.00	\$ 119.55	\$ 370,605.00	\$ 182.00	\$ 564,200.00	\$ 204.00	\$ 632,400.00	\$ 632,400.00
8	HDPE WATER MAIN (DIRECTIONALLY DRILLED), 12-INCH	103	FOOT	\$ 17,510.00	\$ 1,803,530.00	\$ 400.00	\$ 41,200.00	\$ 242.32	\$ 24,958.96	\$ 260.00	\$ 26,780.00	\$ 462.00	\$ 47,586.00	\$ 500.00	\$ 51,500.00	\$ 350.00	\$ 36,050.00	\$ 400.00	\$ 41,200.00	\$ 41,200.00
9	WATER MAIN (IN JACKED CASING), 12-INCH D.I. WATER MAIN IN 36-INCH CASING	160	FOOT	\$ 80,000.00	\$ 12,800,000.00	\$ 1,000.00	\$ 160,000.00	\$ 1,015.98	\$ 162,556.80	\$ 1,100.00	\$ 176,000.00	\$ 877.00	\$ 140,320.00	\$ 1,000.00	\$ 160,000.00	\$ 1,100.00	\$ 176,000.00	\$ 1,580.00	\$ 252,800.00	\$ 252,800.00
10	MISCELLANEOUS FITTINGS	5,000	POUND	\$ 25,000.00	\$ 125,000.00	\$ 0.01	\$ 50.00	\$ 0.01	\$ 50.00	\$ 0.10	\$ 500.00	\$ 0.01	\$ 50.00	\$ 0.01	\$ 50.00	\$ 0.01	\$ 50.00	\$ 0.01	\$ 50.00	\$ 50.00
11	PROJECT MANAGEMENT	6	HOURLY	\$ 750.00	\$ 4,500.00	\$ 120.00	\$ 720.00	\$ 0.01	\$ 0.06	\$ 25.00	\$ 150.00	\$ 168.00	\$ 1,008.00	\$ 150.00	\$ 900.00	\$ 200.00	\$ 1,200.00	\$ 100.00	\$ 600.00	\$ 600.00
12	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1-INCH	7	EACH	\$ 12,600.00	\$ 88,200.00	\$ 1,400.00	\$ 9,800.00	\$ 1,823.83	\$ 12,766.81	\$ 5,500.00	\$ 38,500.00	\$ 1,629.00	\$ 11,403.00	\$ 2,000.00	\$ 14,000.00	\$ 2,500.00	\$ 17,500.00	\$ 2,700.00	\$ 18,900.00	
13	WATER SERVICE CONNECTION TO WATER MAIN AND CURB STOP, 1.5-INCH	2	EACH	\$ 5,000.00	\$ 10,000.00	\$ 2,200.00	\$ 4,400.00	\$ 2,613.67	\$ 5,227.34	\$ 6,950.00	\$ 13,900.00	\$ 2,224.00	\$ 4,448.00	\$ 2,500.00	\$ 5,000.00	\$ 5,500.00	\$ 11,000.00	\$ 4,300.00	\$ 8,600.00	
14	WATER SERVICE LINE TYPE K - OPEN CUT, 1-INCH	40	FOOT	\$ 1,400.00	\$ 56,000.00	\$ 74.00	\$ 2,960.00	\$ 57.79	\$ 2,311.60	\$ 1.00	\$ 40.00	\$ 101.00	\$ 4,040.00	\$ 46.00	\$ 1,840.00	\$ 50.00	\$ 2,000.00	\$ 11.00	\$ 440.00	
15	WATER SERVICE LINE TYPE K - OPEN CUT, 1.5-INCH	30	FOOT	\$ 1,050.00	\$ 31,500.00	\$ 80.00	\$ 2,400.00	\$ 63.99	\$ 1,919.70	\$ 1.00	\$ 30.00	\$ 105.00	\$ 3,150.00	\$ 55.00	\$ 1,650.00	\$ 60.00	\$ 1,800.00	\$ 17.00	\$ 510.00	
16	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1-INCH	280	FOOT	\$ 11,200.00	\$ 3,136,000.00	\$ 29.00	\$ 8,120.00	\$ 22.06	\$ 6,176.80	\$ 1.00	\$ 280.00	\$ 89.00	\$ 24,920.00	\$ 47.00	\$ 13,160.00	\$ 50.00	\$ 14,000.00	\$ 11.00	\$ 3,080.00	
17	WATER SERVICE LINE TYPE K - DIRECTIONAL DRILLING, 1.5-INCH	90	FOOT	\$ 3,600.00	\$ 324,000.00	\$ 34.00	\$ 3,060.00	\$ 29.12	\$ 2,620.80	\$ 1.00	\$ 90.00	\$ 94.00	\$ 8,460.00	\$ 55.00	\$ 4,950.00	\$ 60.00	\$ 5,400.00	\$ 17.00	\$ 1,530.00	
18	WATER SERVICE LINE TYPE L, 1-INCH	70	FOOT	\$ 2,450.00	\$ 171,500.00	\$ 60.00	\$ 4,200.00	\$ 11.31	\$ 791.70	\$ 1.00	\$ 70.00	\$ 9.00	\$ 630.00	\$ 80.00	\$ 5,600.00	\$ 0.01	\$ 0.70	\$ 17.00	\$ 1,190.00	
19	WATER SERVICE LINE TYPE L, 1.5-INCH	70	FOOT	\$ 2,800.00	\$ 196,000.00	\$ 80.00	\$ 5,600.00	\$ 17.71	\$ 1,239.70	\$ 1.00	\$ 70.00	\$ 13.90	\$ 973.00	\$ 85.00	\$ 5,950.00	\$ 0.01	\$ 0.70	\$ 19.00	\$ 1,330.00	
20	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - BASEMENT OR CRAWL	1	EACH	\$ 2,100.00	\$ 2,100.00	\$ 875.00	\$ 875.00	\$ 1,306.30	\$ 1,306.30	\$ 1,500.00	\$ 1,500.00	\$ 3,486.00	\$ 3,486.00	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,200.00	\$ 2,200.00	
21	WATER SERVICE CONNECTION ON PRIVATE PROPERTY - SLAB	1	EACH	\$ 2,600.00	\$ 2,600.00	\$ 875.00	\$ 875.00	\$ 1,357.22	\$ 1,357.22	\$ 1,500.00	\$ 1,500.00	\$ 5,930.00	\$ 5,930.00	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,200.00	\$ 2,200.00	
22	UTILITY LOCATION - PRIVATE PROPERTY	1	EACH	\$ 350.00	\$ 350.00	\$ 350.00	\$ 350.00	\$ 0.01	\$ 0.01	\$ 10.00	\$ 10.00	\$ 336.00	\$ 336.00	\$ 450.00	\$ 450.00	\$ 500.00	\$ 500.00	\$ 150.00	\$ 150.00	
23	WATER METER RELOCATION	1	EACH	\$ 1,000.00	\$ 1,000.00	\$ 1,200.00	\$ 1,200.00	\$ 208.42	\$ 208.42	\$ 500.00	\$ 500.00	\$ 2,241.00	\$ 2,241.00	\$ 1,200.00	\$ 1,200.00	\$ 500.00	\$ 500.00	\$ 290.00	\$ 290.00	
24	WATER METER REPLACEMENT	1	EACH	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 208.42	\$ 208.42	\$ 500.00	\$ 500.00	\$ 2,241.00	\$ 2,241.00	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00	\$ 290.00	\$ 290.00	
25	CONNECT TO WATER MAIN (NON-PRESSURE), 4-INCH	1	EACH	\$ 2,000.00	\$ 2,000.00	\$ 9,000.00	\$ 9,000.00	\$ 377.96	\$ 377.96	\$ 6,250.00	\$ 6,250.00	\$ 5,290.00	\$ 5,290.00	\$ 2,600.00	\$ 2,600.00	\$ 4,000.00	\$ 4,000.00	\$ 4,300.00	\$ 4,300.00	
26	CONNECT TO WATER MAIN (NON-PRESSURE), 8-INCH	4	EACH	\$ 16,000.00	\$ 64,000.00	\$ 3,800.00	\$ 15,200.00	\$ 755.91	\$ 3,023.64	\$ 7,300.00	\$ 29,200.00	\$ 5,450.00	\$ 21,800.00	\$ 3,600.00	\$ 14,400.00	\$ 4,500.00	\$ 18,000.00	\$ 5,850.00	\$ 23,400.00	
27	CONNECT TO WATER MAIN (NON-PRESSURE), 12-INCH	1	EACH	\$ 6,000.00	\$ 6,000.00	\$ 4,800.00	\$ 4,800.00	\$ 755.91	\$ 755.91	\$ 7,650.00	\$ 7,650.00	\$ 5,780.00	\$ 5,780.00	\$ 2,750.00	\$ 2,750.00	\$ 6,000.00	\$ 6,000.00	\$ 7,650.00	\$ 7,650.00	
28	CONNECT TO WATER MAIN (PRESSURE), 12-INCH X 12-INCH	1	EACH	\$ 10,000.00	\$ 10,000.00	\$ 7,950.00	\$ 7,950.00	\$ 7,985.12	\$ 7,985.12	\$ 13,000.00	\$ 13,000.00	\$ 10,260.00	\$ 10,260.00	\$ 9,000.00	\$ 9,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,700.00	\$ 15,700.00	
29	GATE VALVE, 4-INCH	1	EACH	\$ 1,200.00	\$ 1,200.00	\$ 1,800.00	\$ 1,800.00	\$ 1,050.52	\$ 1,050.52	\$ 2,500.00	\$ 2,500.00	\$ 1,792.00	\$ 1,792.00	\$ 1,150.00	\$ 1,150.00	\$ 2,200.00	\$ 2,200.00	\$ 1,650.00	\$ 1,650.00	
30	GATE VALVE, 8-INCH	3	EACH	\$ 5,400.00	\$ 16,200.00	\$ 2,500.00	\$ 7,500.00	\$ 1,931.54	\$ 5,794.62	\$ 3,500.00	\$ 10,500.00	\$ 2,307.00	\$ 6,921.00	\$ 2,050.00	\$ 6,150.00	\$ 2,500.00	\$ 7,500.00	\$ 2,600.00	\$ 7,800.00	
31	GATE VALVE, 12-INCH	7	EACH	\$ 21,000.00	\$ 147,000.00	\$ 3,700.00	\$ 25,900.00	\$ 3,634.21	\$ 25,439.47	\$ 4,750.00	\$ 33,250.00	\$ 3,466.00	\$ 24,262.00	\$ 3,450.00	\$ 24,150.00	\$ 3,800.00	\$ 26,600.00	\$ 4,530.00	\$ 31,710.00	
32	VALVE BOX	10	EACH	\$ 300.00	\$ 3,000.00	\$ 100.00	\$ 1,000.00	\$ 253.71	\$ 2,537.10	\$ 300.00	\$ 3,000.00	\$ 416.00	\$ 4,160.00	\$ 650.00	\$ 6,500.00	\$ 400.00	\$ 4,000.00	\$ 325.00	\$ 3,250.00	
33	VALVE VAULT, 4-FOOT DIAMETER	1	EACH	\$ 2,000.00	\$ 2,000.00	\$ 3,400.00	\$ 3,400.00	\$ 3,110.43	\$ 3,110.43	\$ 1,500.00	\$ 1,500.00	\$ 4,286.00	\$ 4,286.00	\$ 2,100.00	\$ 2,100.00	\$ 2,000.00	\$ 2,000.00	\$ 2,780.00	\$ 2,780.00	
34	VALVE VAULT, 5-FOOT DIAMETER	1	EACH	\$ 2,500.00	\$ 2,500.00	\$ 3,800.00	\$ 3,800.00	\$ 3,830.38	\$ 3,830.38	\$ 2,050.00	\$ 2,050.00	\$ 4,706.00	\$ 4,706.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 3,100.00	\$ 3,100.00	
35	VALVE VAULT (ADDITIONAL DEPTH), 4-FOOT DIAMETER	5	VFT	\$ 800.00	\$ 4,000.00	\$ 100.00	\$ 500.00	\$ 310.68	\$ 1,553.40	\$ 50.00	\$ 250.00	\$ 827.00	\$ 4,135.00	\$ 155.00	\$ 775.00	\$ 100.00	\$ 500.00	\$ 104.00	\$ 520.00	
36	VALVE VAULT (ADDITIONAL DEPTH), 5-FOOT DIAMETER	5	VFT	\$ 900.00	\$ 4,500.00	\$ 100.00	\$ 500.00	\$ 246.64	\$ 1,233.20	\$ 50.00	\$ 250.00	\$ 859.00	\$ 4,295.00	\$ 165.00	\$ 825.00	\$ 100.00	\$ 500.00	\$ 167.00	\$ 835.00	
37	FIRE HYDRANT	8	EACH	\$ 36,000.00	\$ 288,000.00	\$ 6,500.00	\$ 52,000.00	\$ 5,375.01	\$ 43,000.08	\$ 9,500.00	\$ 76,000.00	\$ 5,090.00	\$ 40,720.00	\$ 6,233.00	\$ 49,864.00	\$ 7,000.00	\$ 56,000.00	\$ 8,670.00	\$ 70,960.00	
38	FIRE HYDRANT BARREL EXTENSION	5	VFT	\$ 3,375.00	\$ 16,875.00	\$ 500.00	\$ 2,500.00	\$ 1,256.37	\$ 6,281.85	\$ 200.00	\$ 1,000.00	\$ 965.00	\$ 4,825.00	\$ 1,000.00	\$ 5,000.00	\$ 600.00	\$ 3,000.00	\$ 1,950.00	\$ 5,250.00	
39	LINE STOP, 4-INCH	1	EACH	\$ 4,500.00	\$ 4,500.00	\$ 1,000.00	\$ 1,000.00	\$ 5,297.25	\$ 5,297.25	\$ 1,800.00	\$ 1,800.00	\$ 6,770.00	\$ 6,770.00	\$ 5,900.00	\$ 5,900.00	\$ 5,400.00	\$ 5,400.00	\$ 3,000.00	\$ 3,000.00	
40	LINE STOP, 6-INCH	1	EACH	\$ 5,000.00	\$ 5,000.00	\$ 6,500.00	\$ 6,500.00	\$ 0.01	\$ 0.01	\$ 2,200.00	\$ 2,200.00	\$ 7,250.00	\$ 7,250.00	\$ 7,150.00	\$ 7,150.00	\$ 5,400.00	\$ 5,400.00	\$ 3,350.00	\$ 3,350.00	
41	LINE STOP, 8-INCH	1	EACH	\$ 6,000.00	\$ 6,000.00	\$ 10,000.00	\$ 10,000.00	\$ 0.01	\$ 0.01	\$ 3,000.00	\$ 3,000.00	\$ 7,670.00	\$ 7,670.00	\$ 8,000.00	\$ 8,000.00	\$ 5,700.00	\$ 5,700.00	\$ 3,500.00	\$ 3,500.00	
42	LINE STOP, 12-INCH	1	EACH	\$ 8,500.00	\$ 8,500.00	\$ 12,500.00	\$ 12,500.00	\$ 0.01	\$ 0.01	\$ 4,000.00	\$ 4,000.00	\$ 9,350.00	\$ 9,350.00	\$ 15,000.00	\$ 15,000.00	\$ 9,500.00	\$ 9,500.00	\$ 4,500.00	\$ 4,500.00	
43	ABANDONMENT OF EXISTING WATER MAINS AND APPURTENANCES	1	LSUM	\$ 30,000.00	\$ 30,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,385.60	\$ 5,385.60											