



City of Dubuque, Iowa

Bid Tabulation

Project Name: LOWER BEE BRANCH SECURITY NETWORK IMPROVEMENTS			Bid Date 19-Dec-19		Engineer's Estimate		Utility Service Contractors		Price Industrial Electric, Inc.		McDermott Excavating		Tschiggfrie Excavating Co.	
LINE NO.	REFERENCE NUMBER	BID ITEM DESCRIPTION	PLAN QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE
Division 8010 - Traffic Signals & Lighting														
1	11020-108-A-0	Mobilization	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 28,000.00	\$ 28,000.00	\$ 22,400.00	\$ 22,400.00	\$ 9,900.00	\$ 9,900.00
2		2" Water Service Connections	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 16,973.00	\$ 16,973.00	\$ 8,500.00	\$ 8,500.00	\$ 21,875.00	\$ 21,875.00	\$ 12,500.00	\$ 12,500.00
3		RP Backflow Valve Assembly w/heated Enclosure	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 15,420.90	\$ 15,420.90	\$ 3,000.00	\$ 3,000.00	\$ 16,420.00	\$ 16,420.00	\$ 13,300.00	\$ 13,300.00
4		Irrigation Controller	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 4,500.00	\$ 4,500.00	\$ 3,500.00	\$ 3,500.00	\$ 5,875.00	\$ 5,875.00	\$ 6,100.00	\$ 6,100.00
5		GFI Irrigation Receptacle	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 345.00	\$ 345.00	\$ 250.00	\$ 250.00	\$ 205.00	\$ 205.00	\$ 710.00	\$ 710.00
6	9010-108-B-0	Seeding, Fertilizing, and Mulching - Type 1	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 6,810.00	\$ 6,810.00	\$ 1,000.00	\$ 1,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,600.00	\$ 5,600.00
7	8010-108-A-1	Handhole, PC, Round, 24-24	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 600.00	\$ 600.00	\$ 1,100.00	\$ 1,100.00	\$ 1,970.00	\$ 1,970.00	\$ 2,700.00	\$ 2,700.00
8	8010-108-A.2	Handhole, Composite, 11"x18"x18"	5	EA	\$ 700.00	\$ 3,500.00	\$ 249.75	\$ 1,248.75	\$ 700.00	\$ 3,500.00	\$ 1,015.00	\$ 5,075.00	\$ 2,300.00	\$ 11,500.00
9	8010-108-A.2	Handhole, Composite, 30"x48"x24"	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,179.75	\$ 1,179.75	\$ 1,350.00	\$ 1,350.00	\$ 1,620.00	\$ 1,620.00	\$ 3,100.00	\$ 3,100.00
10	8010-108-B-1	Conduit, Trenchless, HDPE, 2"	4720	LF	\$ 12.00	\$ 56,640.00	\$ 4.01	\$ 18,927.20	\$ 10.75	\$ 50,740.00	\$ 10.15	\$ 47,908.00	\$ 12.00	\$ 56,640.00
11	8010-108-B-1	Conduit, Trenched, PVC Sch. 40, 4"	40	LF	\$ 18.00	\$ 720.00	\$ 22.50	\$ 900.00	\$ 22.50	\$ 900.00	\$ 100.00	\$ 4,000.00	\$ 15.00	\$ 600.00
12	8010-108-B-1	Conduit, Trenchless, PVC Sch. 40, 3/4"	115	LF	\$ 8.00	\$ 920.00	\$ 10.50	\$ 1,207.50	\$ 10.50	\$ 1,207.50	\$ 12.00	\$ 1,380.00	\$ 12.00	\$ 1,380.00
13	8010-108-B-1	Conduit, Trenchless, PVC Sch. 40, 2"	400	LF	\$ 14.00	\$ 5,600.00	\$ 6.00	\$ 2,400.00	\$ 21.00	\$ 8,400.00	\$ 13.00	\$ 5,200.00	\$ 13.00	\$ 5,200.00
14	8010-108-B-1	Conduit, Trenchless, 7-Way FuturePath	2465	LF	\$ 12.00	\$ 29,580.00	\$ 5.69	\$ 14,025.85	\$ 13.25	\$ 32,661.25	\$ 11.60	\$ 28,594.00	\$ 17.00	\$ 41,905.00
15	8010-108-B-3	Conduit, Innerduct, 7-Way FuturePath	1030	LF	\$ 4.00	\$ 4,120.00	\$ 5.61	\$ 5,778.30	\$ 6.25	\$ 6,437.50	\$ 6.60	\$ 6,798.00	\$ 5.90	\$ 6,077.00
16	8010-108-B-3	Conduit, Innerduct, 16/12mm MicroDuct	1310	LF	\$ 2.00	\$ 2,620.00	\$ 3.96	\$ 5,187.60	\$ 4.00	\$ 5,240.00	\$ 6.30	\$ 8,253.00	\$ 4.60	\$ 6,026.00
17	8010-108-B-3	Conduit, Innerduct, 12.7/10mm MicroDuct	2620	LF	\$ 2.00	\$ 5,240.00	\$ 0.89	\$ 2,331.80	\$ 2.00	\$ 5,240.00	\$ 3.30	\$ 8,646.00	\$ 4.60	\$ 12,052.00
18	8010-108-B-3	Conduit, Innerduct, 10/8mm MicroDuct	2620	LF	\$ 2.00	\$ 5,240.00	\$ 1.28	\$ 3,353.60	\$ 2.25	\$ 5,895.00	\$ 3.50	\$ 9,170.00	\$ 4.60	\$ 12,052.00
19	8010-108-C-0	Wiring and Cable, 14 AWG XHHW-2	100	LF	\$ 0.80	\$ 80.00	\$ 4.93	\$ 493.00	\$ 1.10	\$ 110.00	\$ 1.30	\$ 130.00	\$ 0.92	\$ 92.00
20	8010-108-C-0	Wiring and Cable, 12 AWG XHHW-2	375	LF	\$ 1.00	\$ 375.00	\$ 2.60	\$ 975.00	\$ 1.10	\$ 412.50	\$ 1.00	\$ 375.00	\$ 0.10	\$ 37.50
21	8010-108-C-0	Wiring and Cable, 10 AWG XHHW-2	360	LF	\$ 1.50	\$ 540.00	\$ 2.28	\$ 820.80	\$ 1.20	\$ 432.00	\$ 1.00	\$ 360.00	\$ 1.20	\$ 432.00
22	8010-108-C-0	Wiring and Cable, 3 AWG XHHW-2	900	LF	\$ 3.00	\$ 2,700.00	\$ 3.21	\$ 2,889.00	\$ 1.63	\$ 1,467.00	\$ 2.30	\$ 2,070.00	\$ 2.50	\$ 2,250.00
23	8010-108-C-0	Wiring and Cable, CAT6	5610	LF	\$ 2.50	\$ 14,025.00	\$ 2.88	\$ 16,156.80	\$ 1.35	\$ 7,573.50	\$ 1.65	\$ 9,256.50	\$ 3.20	\$ 17,952.00
24	8010-108-C-0	Wiring and Cable, Fiber-Optic, 12 Strand	2965	LF	\$ 1.00	\$ 2,965.00	\$ 1.20	\$ 3,558.00	\$ 1.00	\$ 2,965.00	\$ 1.85	\$ 5,485.25	\$ 2.10	\$ 6,226.50
25	8010-108-C-0	Wiring and Cable, Fiber-Optic, 144 Strand	2590	LF	\$ 4.00	\$ 10,360.00	\$ 2.03	\$ 5,257.70	\$ 1.00	\$ 2,590.00	\$ 2.00	\$ 5,180.00	\$ 2.20	\$ 5,698.00
26	8010-108-C-0	Wiring and Cable, Fiber-Optic, 24 Strand Pre-Terminated Pigtail	50	LF	\$ 12.00	\$ 600.00	\$ 10.00	\$ 500.00	\$ 1.00	\$ 50.00	\$ 11.00	\$ 550.00	\$ 20.00	\$ 1,000.00
27	8010-108-C-0	Wiring and Cable, Fiber-Optic, Splice Capsule	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 714.45	\$ 714.45	\$ 650.00	\$ 650.00	\$ 1,780.00	\$ 1,780.00	\$ 100.00	\$ 100.00
28	8010-108-C-0	Wiring and Cable, Fiber-Optic, Fusion Splicing & Terminations	372	EA	\$ 25.00	\$ 9,300.00	\$ 68.10	\$ 25,333.20	\$ 25.00	\$ 9,300.00	\$ 44.00	\$ 16,368.00	\$ 51.00	\$ 18,972.00
29	8010-108-C-0	Wiring and Cable, Fiber-Optic, Testing	180	EA	\$ 13.00	\$ 2,340.00	\$ 41.67	\$ 7,500.60	\$ 20.00	\$ 3,600.00	\$ 14.00	\$ 2,520.00	\$ 14.00	\$ 2,520.00
30	8010-108-F.1	Fiber Optic Vault Precast Concrete, Cone	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 1,800.00	\$ 3,600.00	\$ 1,900.00	\$ 3,800.00	\$ 2,950.00	\$ 5,900.00	\$ 4,100.00	\$ 8,200.00
31		Emergency Phone Pedestal	1	EA	\$ 9,000.00	\$ 9,000.00	\$ 8,626.40	\$ 8,626.40	\$ 10,800.00	\$ 10,800.00	\$ 9,200.00	\$ 9,200.00	\$ 16,900.00	\$ 16,900.00
32		Fixed Position Camera	6	EA	\$ 2,250.00	\$ 13,500.00	\$ 1,782.80	\$ 10,696.80	\$ 2,734.39	\$ 16,406.34	\$ 2,730.00	\$ 16,380.00	\$ 4,500.00	\$ 27,000.00
33		Pan, Tilt, Zoom Camera	3	EA	\$ 2,500.00	\$ 7,500.00	\$ 3,233.58	\$ 9,700.74	\$ 4,411.00	\$ 13,233.00	\$ 4,350.00	\$ 13,050.00	\$ 7,500.00	\$ 22,500.00
34		Panoramic Camera	12	EA	\$ 3,000.00	\$ 36,000.00	\$ 1,531.10	\$ 18,373.20	\$ 2,349.81	\$ 28,197.72	\$ 2,305.00	\$ 27,660.00	\$ 4,500.00	\$ 54,000.00
35		Network Extender Transmitter (Single Camera)	4	EA	\$ 150.00	\$ 600.00	\$ 429.55	\$ 1,718.20	\$ 1,483.16	\$ 5,932.64	\$ 1,045.00	\$ 4,180.00	\$ 1,800.00	\$ 7,200.00
36	8010-108-H-0	Side Mount City Surveillance Cabinet	2	EA	\$ 8,000.00	\$ 16,000.00	\$ 6,232.00	\$ 12,464.00	\$ 8,143.03	\$ 16,286.06	\$ 16,100.00	\$ 32,200.00	\$ 18,000.00	\$ 36,000.00
37	8010-108-H-0	Milbank City Pad Mount Surveillance Cabinet & Foundation	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 8,621.86	\$ 8,621.86	\$ 11,940.86	\$ 11,940.86	\$ 18,970.00	\$ 18,970.00	\$ 19,300.00	\$ 19,300.00
38	8010-108-N-1	Removal, Existing Handhole	1	EA	\$ 500.00	\$ 500.00	\$ 225.00	\$ 225.00	\$ 625.00	\$ 625.00	\$ 400.00	\$ 400.00	\$ 170.00	\$ 170.00
Total Est.						\$ 303,265.00	Total Bid	\$ 259,414.00	Total Bid	\$ 303,292.87	Total Bid	\$ 372,403.75	Total Bid	\$ 453,892.00
% Over / Under (-)								-14.46%		0.01%		22.80%		49.67%
Contract Award Amount:						\$ 303,265.00		\$ 259,414.00		\$ 303,292.87		\$ 372,403.75		\$ 453,892.00



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LINE NO.	REFERENCE NUMBER	BID ITEM DESCRIPTION	PLAN QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL PRICE	BID UNIT PRICE	TOTAL PRICE
Division 8010 - Traffic Signals & Lighting								
1	11020-108-A-0	Mobilization	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 31,500.00	\$ 31,500.00
2		2" Water Service Connections	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 10,850.00	\$ 10,850.00
3		RP Backflow Valve Assembly w/heated Enclosure	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 8,785.00	\$ 8,785.00
4		Irrigation Controller	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00
5		GFI Irrigation Receptacle	1	EA	\$ 1,000.00	\$ 1,000.00	\$ 2,200.00	\$ 2,200.00
6	9010-108-B-0	Seeding, Fertilizing, and Mulching - Type 1	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 10,500.00	\$ 10,500.00
7	8010-108-A-1	Handhole, PC, Round, 24-24	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,800.00	\$ 1,800.00
8	8010-108-A.2	Handhole, Composite, 11"x18"x18"	5	EA	\$ 700.00	\$ 3,500.00	\$ 850.00	\$ 4,250.00
9	8010-108-A.2	Handhole, Composite, 30"x48"x24"	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,800.00	\$ 1,800.00
10	8010-108-B-1	Conduit, Trenchless, HDPE, 2"	4720	LF	\$ 12.00	\$ 56,640.00	\$ 22.00	\$ 103,840.00
11	8010-108-B-1	Conduit, Trenched, PVC Sch. 40, 4"	40	LF	\$ 18.00	\$ 720.00	\$ 51.00	\$ 2,040.00
12	8010-108-B-1	Conduit, Trenchless, PVC Sch. 40, 3/4"	115	LF	\$ 8.00	\$ 920.00	\$ 32.00	\$ 3,680.00
13	8010-108-B-1	Conduit, Trenchless, PVC Sch. 40, 2"	400	LF	\$ 14.00	\$ 5,600.00	\$ 25.00	\$ 10,000.00
14	8010-108-B-1	Conduit, Trenchless, 7-Way FuturePath	2465	LF	\$ 12.00	\$ 29,580.00	\$ 28.00	\$ 69,020.00
15	8010-108-B-3	Conduit, Innerduct, 7-Way FuturePath	1030	LF	\$ 4.00	\$ 4,120.00	\$ 7.25	\$ 7,467.50
16	8010-108-B-3	Conduit, Innerduct, 16/12mm MicroDuct	1310	LF	\$ 2.00	\$ 2,620.00	\$ 7.00	\$ 9,170.00
17	8010-108-B-3	Conduit, Innerduct, 12.7/10mm MicroDuct	2620	LF	\$ 2.00	\$ 5,240.00	\$ 3.50	\$ 9,170.00
18	8010-108-B-3	Conduit, Innerduct, 10/8mm MicroDuct	2620	LF	\$ 2.00	\$ 5,240.00	\$ 3.75	\$ 9,825.00
19	8010-108-C-0	Wiring and Cable, 14 AWG XHHW-2	100	LF	\$ 0.80	\$ 80.00	\$ 3.75	\$ 375.00
20	8010-108-C-0	Wiring and Cable, 12 AWG XHHW-2	375	LF	\$ 1.00	\$ 375.00	\$ 1.50	\$ 562.50
21	8010-108-C-0	Wiring and Cable, 10 AWG XHHW-2	360	LF	\$ 1.50	\$ 540.00	\$ 1.65	\$ 594.00
22	8010-108-C-0	Wiring and Cable, 3 AWG XHHW-2	900	LF	\$ 3.00	\$ 2,700.00	\$ 2.85	\$ 2,565.00
23	8010-108-C-0	Wiring and Cable, CAT6	5610	LF	\$ 2.50	\$ 14,025.00	\$ 1.65	\$ 9,256.50
24	8010-108-C-0	Wiring and Cable, Fiber-Optic, 12 Strand	2965	LF	\$ 1.00	\$ 2,965.00	\$ 2.00	\$ 5,930.00
25	8010-108-C-0	Wiring and Cable, Fiber-Optic, 144 Strand	2590	LF	\$ 4.00	\$ 10,360.00	\$ 2.25	\$ 5,827.50
26	8010-108-C-0	Wiring and Cable, Fiber-Optic, 24 Strand Pre-Terminated Pigtail	50	LF	\$ 12.00	\$ 600.00	\$ 17.25	\$ 862.50
27	8010-108-C-0	Wiring and Cable, Fiber-Optic, Splice Capsule	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 2,200.00	\$ 2,200.00
28	8010-108-C-0	Wiring and Cable, Fiber-Optic, Fusion Splicing & Terminations	372	EA	\$ 25.00	\$ 9,300.00	\$ 45.00	\$ 16,740.00
29	8010-108-C-0	Wiring and Cable, Fiber-Optic, Testing	180	EA	\$ 13.00	\$ 2,340.00	\$ 17.25	\$ 3,105.00
30	8010-108-F.1	Fiber Optic Vault Precast Concrete, Cone	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 3,200.00	\$ 6,400.00
31		Emergency Phone Pedestal	1	EA	\$ 9,000.00	\$ 9,000.00	\$ 12,250.00	\$ 12,250.00
32		Fixed Position Camera	6	EA	\$ 2,250.00	\$ 13,500.00	\$ 3,325.00	\$ 19,950.00
33		Pan, Tilt, Zoom Camera	3	EA	\$ 2,500.00	\$ 7,500.00	\$ 5,200.00	\$ 15,600.00
34		Panoramic Camera	12	EA	\$ 3,000.00	\$ 36,000.00	\$ 2,500.00	\$ 30,000.00
35		Network Extender Transmitter (Single Camera)	4	EA	\$ 150.00	\$ 600.00	\$ 1,200.00	\$ 4,800.00
36	8010-108-H-0	Side Mount City Surveillance Cabinet	2	EA	\$ 8,000.00	\$ 16,000.00	\$ 18,500.00	\$ 37,000.00
37	8010-108-H-0	Milbank City Pad Mount Surveillance Cabinet & Foundation	1	EA	\$ 10,000.00	\$ 10,000.00	\$ 21,000.00	\$ 21,000.00
38	8010-108-N-1	Removal, Existing Handhole	1	EA	\$ 500.00	\$ 500.00	\$ 1,250.00	\$ 1,250.00
Total Est.						\$ 303,265.00	Total Bid	\$ 499,665.50
% Over / Under (-)								64.76%
Contract Award Amount:						\$ 303,265.00		\$ 499,665.50