



# CITY OF AURORA ILLINOIS

MONTGOMERY-MEADOWBROOK-W. WHITE EAGLE  
TRAFFIC SIGNAL INSTALLATION

Bids Received 5/15/19 at 2 p.m.

No.	CODE NUMBER	PAY ITEM DESCRIPTION	UNIT	QUANTITY	ENGINEERS ESTIMATE		H&H Electric Company 2830 Commerce St, Franklin Park, IL 60131		Virgil Cook & Son, Inc 199 North 8th St. PO Box 805 DeKalb, 60115		Meade, Inc 625 Willowbrook Center Pkwy Willowbrook, IL 60527	
					UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT
1	80500020	SERVICE INSTALLATION - POLE MOUNTED	EACH	1	\$ 2,000.00	\$ 2,000.00	\$ 1,911.10	\$ 1,911.10	\$ 1,580.00	\$ 1,580.00	\$ 2,433.06	\$ 2,433.06
2	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	209	\$ 25.00	\$ 5,225.00	\$ 11.30	\$ 2,361.70	\$ 22.95	\$ 4,796.55	\$ 17.70	\$ 3,699.30
3	81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	25	\$ 45.00	\$ 1,125.00	\$ 40.20	\$ 1,005.00	\$ 36.00	\$ 900.00	\$ 144.96	\$ 3,624.00
4	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	262	\$ 55.00	\$ 14,410.00	\$ 45.20	\$ 11,842.40	\$ 48.40	\$ 12,680.80	\$ 58.04	\$ 15,206.48
5	81400730	HANDHOLE, COMPOSITE CONCRETE	EACH	1	\$ 1,500.00	\$ 1,500.00	\$ 1,558.40	\$ 1,558.40	\$ 1,120.00	\$ 1,120.00	\$ 1,622.56	\$ 1,622.56
6	81400100	HANDHOLE	EACH	4	\$ 2,000.00	\$ 8,000.00	\$ 1,229.10	\$ 4,916.40	\$ 1,620.00	\$ 6,480.00	\$ 2,145.56	\$ 8,582.24
7	81400300	DOUBLE HANDHOLE	EACH	1	\$ 4,000.00	\$ 4,000.00	\$ 3,112.20	\$ 3,112.20	\$ 2,310.00	\$ 2,310.00	\$ 4,002.06	\$ 4,002.06
8	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	\$ 2,000.00	\$ 2,000.00	\$ 1,266.10	\$ 1,266.10	\$ 1,600.00	\$ 1,600.00	\$ 1,309.06	\$ 1,309.06
9	85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1	\$ 30,000.00	\$ 30,000.00	\$ 18,259.80	\$ 18,259.80	\$ 23,300.00	\$ 23,300.00	\$ 16,616.01	\$ 16,616.01
10	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	1917	\$ 1.50	\$ 2,875.50	\$ 0.10	\$ 191.70	\$ 0.45	\$ 862.65	\$ 3.04	\$ 5,827.68
11	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1387	\$ 2.00	\$ 2,774.00	\$ 0.70	\$ 970.90	\$ 1.12	\$ 1,553.44	\$ 3.10	\$ 4,299.70
12	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1443	\$ 2.25	\$ 3,246.75	\$ 0.80	\$ 1,154.40	\$ 1.25	\$ 1,803.75	\$ 3.21	\$ 4,632.03
13	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1550	\$ 2.50	\$ 3,875.00	\$ 1.00	\$ 1,550.00	\$ 1.39	\$ 2,154.50	\$ 3.44	\$ 5,332.00
14	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1431	\$ 2.75	\$ 3,935.25	\$ 1.20	\$ 1,717.20	\$ 1.54	\$ 2,203.74	\$ 3.67	\$ 5,251.77
15	8731805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	154.5	\$ 3.00	\$ 463.50	\$ 1.80	\$ 278.10	\$ 2.60	\$ 401.70	\$ 4.02	\$ 621.09
16	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTER, NO. 6 1C	FOOT	571	\$ 2.50	\$ 1,427.50	\$ 1.20	\$ 685.20	\$ 2.10	\$ 1,199.10	\$ 3.73	\$ 2,129.83
17	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT	EACH	4	\$ 1,250.00	\$ 5,000.00	\$ 1,028.70	\$ 4,114.80	\$ 1,100.00	\$ 4,400.00	\$ 1,369.81	\$ 5,479.24
18	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 22 FT	EACH	1	\$ 8,000.00	\$ 8,000.00	\$ 8,363.00	\$ 8,363.00	\$ 9,200.00	\$ 9,200.00	\$ 7,500.00	\$ 7,500.00
19	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT	EACH	2	\$ 10,000.00	\$ 20,000.00	\$ 8,821.60	\$ 17,643.20	\$ 9,600.00	\$ 19,200.00	\$ 8,000.00	\$ 16,000.00
20	87700190	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT	EACH	1	\$ 15,000.00	\$ 15,000.00	\$ 10,801.50	\$ 10,801.50	\$ 12,500.00	\$ 12,500.00	\$ 12,000.00	\$ 12,000.00
21	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	16	\$ 300.00	\$ 4,800.00	\$ 204.90	\$ 3,278.40	\$ 215.00	\$ 3,440.00	\$ 337.81	\$ 5,404.96
22	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	4	\$ 600.00	\$ 2,400.00	\$ 514.10	\$ 2,056.40	\$ 460.00	\$ 1,840.00	\$ 639.56	\$ 2,558.24
23	87800415	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	40.5	\$ 300.00	\$ 12,150.00	\$ 159.20	\$ 6,447.60	\$ 220.00	\$ 8,910.00	\$ 251.25	\$ 10,175.63
24	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13.5	\$ 350.00	\$ 4,725.00	\$ 214.20	\$ 2,891.70	\$ 315.00	\$ 4,252.50	\$ 274.25	\$ 3,702.38
25	87900200	DRILL EXISTING HANDHOLE	EACH	1	\$ 300.00	\$ 300.00	\$ 316.50	\$ 316.50	\$ 265.00	\$ 265.00	\$ 263.06	\$ 263.06
26	88030050	SIGNAL HEAD, LED, 1 FACE, 3 SECTION, BRACKET MOUNTED	EACH	4	\$ 600.00	\$ 2,400.00	\$ 431.30	\$ 1,725.20	\$ 570.00	\$ 2,280.00	\$ 559.59	\$ 2,238.36
27	88030020	SIGNAL HEAD, LED, 1-FACE, 3 SECTION, MAST-ARM MOUNTED	EACH	4	\$ 800.00	\$ 3,200.00	\$ 500.90	\$ 2,003.60	\$ 650.00	\$ 2,600.00	\$ 634.34	\$ 2,537.36
28	88030100	SIGNAL HEAD, LED, 1-FACE, 5 SECTION, BRACKET MOUNTED	EACH	4	\$ 1,200.00	\$ 4,800.00	\$ 556.30	\$ 2,225.20	\$ 830.00	\$ 3,320.00	\$ 879.91	\$ 3,519.64
29	88030110	SIGNAL HEAD, LED, 1-FACE, 5 SECTION, MAST-ARM MOUNTED	EACH	4	\$ 1,400.00	\$ 5,600.00	\$ 619.90	\$ 2,479.60	\$ 920.00	\$ 3,680.00	\$ 887.96	\$ 3,551.84
30	88102717	PEDESTRAIN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	\$ 750.00	\$ 6,000.00	\$ 461.40	\$ 3,691.20	\$ 605.00	\$ 4,840.00	\$ 488.46	\$ 3,907.68
31	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	8	\$ 200.00	\$ 1,600.00	\$ 172.30	\$ 1,378.40	\$ 290.00	\$ 2,320.00	\$ 211.84	\$ 1,694.72
32	88700200	LIGHT DETECTOR (INCLUDE CONFIRMATION BEACON)	EACH	2	\$ 1,200.00	\$ 2,400.00	\$ 1,103.90	\$ 2,207.80	\$ 1,170.00	\$ 2,340.00	\$ 1,108.31	\$ 2,216.62
33	88700300	LIGHT DETECTOR AMPLIFIER	EACH	1	\$ 3,000.00	\$ 3,000.00	\$ 4,143.80	\$ 4,143.80	\$ 4,300.00	\$ 4,300.00	\$ 4,065.31	\$ 4,065.31
34	8880100	PEDESTRIAN PUSH BUTTON	EACH	8	\$ 450.00	\$ 3,600.00	\$ 230.90	\$ 1,847.20	\$ 315.00	\$ 2,520.00	\$ 414.86	\$ 3,318.88
35	X0326266	ETHERNET SWITCH	EACH	2	\$ 3,500.00	\$ 7,000.00	\$ 1,600.90	\$ 3,201.80	\$ 3,200.00	\$ 6,400.00	\$ 3,488.56	\$ 6,977.12
36	X1400127	CAT. 6 ETHERNET CABLE	FOOT	158	\$ 3.00	\$ 474.00	\$ 1.00	\$ 158.00	\$ 2.00	\$ 316.00	\$ 4.31	\$ 680.98
37	X8710031	FIBER OPTIC CABLE, MICRO, 36 FIBERS, SINGLE MODE	FOOT	1943	\$ 3.00	\$ 5,829.00	\$ 1.90	\$ 3,691.70	\$ 2.15	\$ 4,177.45	\$ 5.98	\$ 11,619.14
					PAGE TOTAL		\$ 307,806.50	\$ 137,447.20	\$ 168,047.18	\$ 194,600.02		



# CITY OF AURORA ILLINOIS

MONTGOMERY-MEADOWBROOK-W. WHITE EAGLE  
TRAFFIC SIGNAL INSTALLATION

Bids Received 5/15/19 at 2 p.m.

					ENGINEERS ESTIMATE		H&H Electric Company 2830 Commerce St, Franklin Park, IL 60131		Virgil Cook & Son, Inc 199 North 8th St. PO Box 805 DeKalb, 60115		Meade, Inc 625 Willowbrook Center Pkwy Willowbrook, IL 60527		
No.	CODE NUMBER	PAY ITEM DESCRIPTION	UNIT	QUANTITY	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT	
38	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1	\$ 7,000.00	\$ 7,000.00	\$ 6,021.40	\$ 6,021.40	\$ 7,100.00	\$ 7,100.00	\$ 5,987.06	\$ 5,987.06	
39	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	317	\$ 3.00	\$ 951.00	\$ 1.00	\$ 317.00	\$ 1.35	\$ 427.95	\$ 3.08	\$ 976.36	
40	XX007251	INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA	EACH	1	\$ 7,000.00	\$ 7,000.00	\$ 5,870.70	\$ 5,870.70	\$ 8,950.00	\$ 8,950.00	\$ 6,291.06	\$ 6,291.06	
41	XX007993	CENTRALIZED SYSTEM FIELD INTEGRATION / SETUP	LSUM	1	\$ 25,000.00	\$ 25,000.00	\$ 4,635.00	\$ 4,635.00	\$ 7,430.00	\$ 7,430.00	\$ 1,726.56	\$ 1,726.56	
42	81028750	UNDERGROUND CONDUIT, COILABLE NONMETALIC CONDUIT (HDPE, SCH. 40), 2" DIA	FOOT	1486	\$ 20.00	\$ 29,720.00	\$ 6.50	\$ 9,659.00	\$ 14.60	\$ 21,695.60	\$ 9.04	\$ 13,433.44	
43	X0326885	VIDEO DETECTION SYSTEM	EACH	1	\$ 33,000.00	\$ 33,000.00	\$ 6,816.80	\$ 6,816.80	\$ 31,650.00	\$ 31,650.00	\$ 21,435.56	\$ 21,435.56	
44	***	COMBINATION PCC CURB AND GUTTER REMOVAL & REPLACEMENT	LF	65	\$ 100.00	\$ 6,500.00	\$ 80.30	\$ 5,219.50	\$ 78.00	\$ 5,070.00	\$ 59.31	\$ 3,855.15	
45	***	PCC SIDEWALK REMOVAL & REPLACEMENT, 5"	SF	650	\$ 13.00	\$ 8,450.00	\$ 12.40	\$ 8,060.00	\$ 13.50	\$ 8,775.00	\$ 27.81	\$ 18,076.50	
46	***	PCC SIDEWALK, 5"	SF	490	\$ 10.00	\$ 4,900.00	\$ 10.90	\$ 5,341.00	\$ 10.80	\$ 5,292.00	\$ 22.56	\$ 11,054.40	
47	***	PCC CURB AND GUTTER, SPECIAL	LF	127	\$ 35.00	\$ 4,445.00	\$ 49.40	\$ 6,273.80	\$ 49.00	\$ 6,223.00	\$ 43.56	\$ 5,532.12	
48	***	DETECTABLE WARNINGS	SF	64	\$ 30.00	\$ 1,920.00	\$ 37.10	\$ 2,374.40	\$ 38.00	\$ 2,432.00	\$ 27.81	\$ 1,779.84	
49	78000200	THERMOPLASTIC PAVEMENT MARKINGS, 4" (YELLOW)	FT	700	\$ 2.00	\$ 1,400.00	\$ 1.70	\$ 1,190.00	\$ 1.75	\$ 1,225.00	\$ 3.08	\$ 2,156.00	
50	78000400	THERMOPLASTIC PAVEMENT MARKINGS, 6" (WHITE)	FT	400	\$ 3.00	\$ 1,200.00	\$ 2.60	\$ 1,040.00	\$ 2.85	\$ 1,140.00	\$ 3.92	\$ 1,568.00	
51	78000200	THERMOPLASTIC PAVEMENT MARKINGS, 4" (WHITE)	FT	350	\$ 2.00	\$ 700.00	\$ 1.70	\$ 595.00	\$ 1.75	\$ 612.50	\$ 3.08	\$ 1,078.00	
52	78000650	THERMOPLASTIC PAVEMENT MARKINGS, 24" (WHITE)	FT	130	\$ 12.00	\$ 1,560.00	\$ 10.30	\$ 1,339.00	\$ 6.10	\$ 793.00	\$ 6.55	\$ 851.50	
53	78000100	THERMOPLASTIC PAVEMENT MARKINGS - LETTERS AND SYMBOLS	SF	250	\$ 10.00	\$ 2,500.00	\$ 5.20	\$ 1,300.00	\$ 6.10	\$ 1,525.00	\$ 6.55	\$ 1,637.50	
54	***	THERMOPLASTIC PAVEMENT MARKINGS - GRIND /REMOVAL	SF	275	\$ 3.00	\$ 825.00	\$ 1.70	\$ 467.50	\$ 2.80	\$ 770.00	\$ 3.87	\$ 1,064.25	
55	72800100	TELESCOPING STEEL SIGN SUPPORT	FT	45	\$ 30.00	\$ 1,350.00	\$ 26.70	\$ 1,201.50	\$ 38.00	\$ 1,710.00	\$ 43.39	\$ 1,952.55	
56	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EA	1	\$ 200.00	\$ 200.00	\$ 283.50	\$ 283.50	\$ 395.00	\$ 395.00	\$ 161.06	\$ 161.06	
57	72000100	SIGN PANEL - TYPE 1	SF	48.5	\$ 28.00	\$ 1,358.00	\$ 30.10	\$ 1,459.85	\$ 33.00	\$ 1,600.50	\$ 41.09	\$ 1,992.87	
58	72000200	SIGN PANEL - TYPE 2	SF	40	\$ 40.00	\$ 1,600.00	\$ 34.00	\$ 1,360.00	\$ 38.00	\$ 1,520.00	\$ 56.46	\$ 2,258.40	
59	72400500	RELOCATE SIGN PANEL ASSEMBLY -TYPE A	EA	1	\$ 300.00	\$ 300.00	\$ 211.00	\$ 211.00	\$ 180.00	\$ 180.00	\$ 263.06	\$ 263.06	
60	72400310	REMOVE SIGN PANEL - TYPE 1	SF	12.5	\$ 100.00	\$ 1,250.00	\$ 4.20	\$ 52.50	\$ 23.00	\$ 287.50	\$ 263.06	\$ 3,288.25	
61	***	ITEMS ORDERED BY ENGINEER	ALLOWANCE	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	
62	***	TRAFFIC CONTROL AND PROTECTION	LSUM	1	\$ 20,000.00	\$ 20,000.00	\$ 45,183.20	\$ 45,183.20	\$ 8,800.00	\$ 8,800.00	\$ 2,626.56	\$ 2,626.56	
<b>Page 2 Total =</b>							<b>\$ 183,129.00</b>		<b>\$ 136,271.65</b>		<b>\$ 145,604.05</b>		<b>\$ 131,046.05</b>
<b>Page 1 Total =</b>							<b>\$ 307,806.50</b>		<b>\$ 137,447.20</b>		<b>\$ 168,047.18</b>		<b>\$ 194,600.02</b>
<b>Bidder's Total Proposal for Making Entire Improvements =</b>							<b>\$ 388,264.50</b>		<b>\$ 273,718.85</b>		<b>\$ 313,651.23</b>		<b>\$ 325,646.07</b>