



# City of Kettering

## Bid Tabulation

02-005D Traffic Signals PH 3 PID 105950

**Description** 5107-77750

### Bid Summary

Engineer's Estimate	\$1,630,515.00	Displayed
(1) Capital Electric Line Builders, Inc.	\$2,152,653.66	Displayed

### Bid Tabulations

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
<b>Section: 1 - MOT</b>							
0010	614-1001	LUMP SUM	1.000	\$84,000.000	\$84,000.00	\$100,818.300	\$100,818.30
MAINTAINING TRAFFIC, AS PER PLAN							
1 item	<b>Section Totals:</b>				<b>\$84,000.00</b>		<b>\$100,818.30</b>

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
<b>Section: 2 - Conduits (Bored or Trenched)</b>							
0020	625-4000	FOOT	660.000	\$18.000	\$11,880.00	\$26.910	\$17,760.60
TRENCH							
0030	625-3524	FOOT	9,405.000	\$12.000	\$112,860.00	\$18.290	\$172,017.45
CONDUIT, JACKED OR DRILLED, 725.052, 2", AS PER PLAN							
0040	625-3530	FOOT	135.000	\$24.000	\$3,240.00	\$50.240	\$6,782.40
CONDUIT, JACKED OR DRILLED, 725.052, 3", AS PER PLAN							
0050	625-3561	FOOT	475.000	\$20.000	\$9,500.00	\$39.720	\$18,867.00
CONDUIT, JACKED OR DRILLED, 725.052, 2-2", AS PER PLAN							
0055	625-3575	FOOT	270.000	\$40.000	\$10,800.00	\$68.190	\$18,411.30
CONDUIT, JACKED OR DRILLED, 725.052, 1-2" AND 2-3", AS PER PLAN							
0060	625-3555	FOOT	300.000	\$41.000	\$12,300.00	\$45.320	\$13,596.00
CONDUIT, JACKED OR DRILLED, 725.052, 1-2" AND 1-3", AS PER PLAN							
0070	625-3565	FOOT	355.000	\$41.000	\$14,555.00	\$54.760	\$19,439.80
CONDUIT, JACKED OR DRILLED, 725.052, 2-3", AS PER PLAN							
0080	625-3121	FOOT	450.000	\$20.000	\$9,000.00	\$27.780	\$12,501.00
CONDUIT RIGID METAL, 2", 725.04, AS PER PLAN							
0090	625-3131	EACH	175.000	\$29.000	\$5,075.00	\$46.290	\$8,100.75
CONDUIT RIGID METAL, 3", 725.04, AS PER PLAN							
0100	625-3125	FOOT	45.000	\$30.000	\$1,350.00	\$49.860	\$2,243.70
CONDUIT RIGID METAL, 2-2", 725.04, AS PER PLAN							
0110	625-3132	EACH	48.000	\$35.000	\$1,680.00	\$84.100	\$4,036.80

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
RISER, RIGID METAL, WITH WEATHERHEAD, 2"							
0120	632-1820	EACH	16.000	\$450.000	\$7,200.00	\$613.670	\$9,818.72
CONDUIT RISER, 2", AS PER PLAN							
12 items			<b>Section Totals:</b>		<b>\$199,440.00</b>		<b>\$303,575.52</b>
<b>Section: 3 - Pullboxes</b>							
0150	625-5181	EACH	6.000	\$750.000	\$4,500.00	\$1,116.000	\$6,696.00
PULLBOX, 725.08, 18" x 18", AS PER PLAN							
0155	625-5241	EACH	37.000	\$825.000	\$30,525.00	\$1,227.500	\$45,417.50
PULLBOX, 725.08, 24" x 24", AS PER PLAN							
0160	625-5361	EACH	10.000	\$1,000.000	\$10,000.00	\$1,785.170	\$17,851.70
PULLBOX, 725.07, 24" x 36", AS PER PLAN							
0170	625-5483	EACH	6.000	\$1,400.000	\$8,400.00	\$2,119.840	\$12,719.04
PULLBOX, 725.07, 30" x 48" x 36", AS PER PLAN							
0180	625-5901	EACH	22.000	\$450.000	\$9,900.00	\$463.390	\$10,194.58
PULLBOX, REMOVE & BACK-FILL WITH APPROVED MATERIAL							
5 items			<b>Section Totals:</b>		<b>\$63,325.00</b>		<b>\$92,878.82</b>
<b>Section: 4 - Poles &amp; Foundations</b>							
0190	632-0010	EACH	6.000	\$5,000.000	\$30,000.00	\$9,770.470	\$58,622.82
REMOVAL OF TRAFFIC SIGNAL INSTALLATION							
0200	632-1810	EACH	25.000	\$1,000.000	\$25,000.00	\$1,060.420	\$26,510.50
PEDESTAL FOUNDATION							
0210	632-1841	EACH	18.000	\$525.000	\$9,450.00	\$698.320	\$12,569.76

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
PEDESTAL, 8' , TRANSFORMER BASE, AS PER PLAN							
0220	632-1842	EACH	7.000	\$560.000	\$3,920.00	\$653.720	\$4,576.04
PEDESTAL, 5', TRANSFORMER BASE, AS PER PLAN							
0230	632-1410	EACH	19.000	\$5,000.000	\$95,000.00	\$7,586.010	\$144,134.19
SIGNAL SUPPORT FOUNDATION							
0240	632-1321	EACH	2.000	\$12,500.000	\$25,000.00	\$18,512.010	\$37,024.02
COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN No. 12, AS PER PLAN							
0250	632-1240	EACH	2.000	\$13,000.000	\$26,000.00	\$22,895.410	\$45,790.82
SIGNAL SUPPORT, TYPE TC-81.22, DESIGN No. 14, AS PER PLAN							
0270	632-1322	EACH	6.000	\$10,000.000	\$60,000.00	\$16,381.250	\$98,287.50
COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN No. 4, AS PER PLAN							
0300	632-1352	EACH	1.000	\$20,000.000	\$20,000.00	\$39,201.840	\$39,201.84
COMBINATION SIGNAL SUPPORT, TYPE TC-12.31, DESIGN No. 10, TYPE TC-81.22, DESIGN No. 14 AND DESIGN No. 12, AS PER PLAN							
0310	632-1230	EACH	2.000	\$15,000.000	\$30,000.00	\$16,384.260	\$32,768.52
SIGNAL SUPPORT, TYPE TC-81.22, DESIGN No. 12, AS PER PLAN							
0330	632-1235	EACH	1.000	\$15,500.000	\$15,500.00	\$20,931.900	\$20,931.90
SIGNAL SUPPORT, TYPE TC-81.22, DESIGN No. 13, AS PER PLAN							
0340	632-1345	EACH	1.000	\$19,000.000	\$19,000.00	\$35,011.670	\$35,011.67
COMBINATION SIGNAL SUPPORT, TYPE TC-12.31, DESIGN No. 10, TYPE TC-81.22, DESIGN No. 12 AND DESIGN No. 12, AS PER PLAN							
0350	632-1348	EACH	1.000	\$21,000.000	\$21,000.00	\$37,079.990	\$37,079.99
COMBINATION SIGNAL SUPPORT, TYPE TC-12.31, DESIGN No. 10, TYPE TC-81.22, DESIGN No. 13 AND DESIGN No. 12, AS PER PLAN							
0360	632-1330	EACH	1.000	\$18,000.000	\$18,000.00	\$34,115.210	\$34,115.21

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
SIGNAL SUPPORT, TYPE TC-12.31, DESIGN No. 10, TYPE TC-81.22, DESIGN No. 12 AND DESIGN No. 12, AS PER PLAN							
0370	632-1334	EACH	1.000	\$19,000.000	\$19,000.00	\$40,049.240	\$40,049.24
SIGNAL SUPPORT, TYPE TC-12.31, DESIGN No. 10, TYPE TC-81.22, DESIGN No. 13 AND DESIGN No. 13, AS PER PLAN							
0380	632-1320	EACH	1.000	\$12,000.000	\$12,000.00	\$14,132.630	\$14,132.63
COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN No. 2, AS PER PLAN							
0390	632-1200	EACH	5.000	\$450.000	\$2,250.00	\$564.520	\$2,822.60
MASTARM WIND DAMPERS							
17 items	<b>Section Totals:</b>			<b>\$431,120.00</b>		<b>\$683,629.25</b>	
<b>Section: 5 - Cabling</b>							
0400	625-2900	EACH	12.000	\$80.000	\$960.00	\$94.840	\$1,138.08
CABLE SPLICING KIT							
0410	632-5020	FOOT	645.000	\$2.000	\$1,290.00	\$3.130	\$2,018.85
LOOP DETECTOR LEAD IN CABLE, 2 CONDUCTOR, NO.14 AWG, SHIELDED							
0420	632-5061	FOOT	510.000	\$3.000	\$1,530.00	\$9.890	\$5,043.90
POWER CABLE, 3-CONDUCTOR, #6 AWG							
0430	632-5031	FOOT	1,905.000	\$4.000	\$7,620.00	\$3.290	\$6,267.45
POWER CABLE, 3-CONDUCTOR, #10 AWG							
0440	804-0006	FOOT	1,270.000	\$4.000	\$5,080.00	\$3.580	\$4,546.60
CAT6 CABLE							
0450	625-8001	EACH	6.000	\$2,000.000	\$12,000.00	\$2,008.670	\$12,052.02
POWER SERVICE, AS PER PLAN							
0460	632-5030	FOOT	4,995.000	\$2.000	\$9,990.00	\$3.150	\$15,734.25

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
SIGNAL CABLE, 3-CONDUCTOR, NO.14 AWG							
0470	632-5050	FOOT	10,510.000	\$3.000	\$31,530.00	\$3.440	\$36,154.40
SIGNAL CABLE, 5-CONDUCTOR, NO.14 AWG							
0480	632-5070	FOOT	765.000	\$4.000	\$3,060.00	\$4.180	\$3,197.70
SIGNAL CABLE, 7-CONDUCTOR, NO.14 AWG							
9 items	<b>Section Totals:</b>				<b>\$73,060.00</b>		<b>\$86,153.25</b>
<b>Section: 6 - Fiber Optic</b>							
0490	804-0007	EACH	6.000	\$950.000	\$5,700.00	\$1,004.840	\$6,029.04
FIBER OPTIC TESTING							
0500	804-0002	EACH	6.000	\$250.000	\$1,500.00	\$245.630	\$1,473.78
FAN-OUT KIT, 6 FIBER							
0510	804-1001	FOOT	3,460.000	\$3.250	\$11,245.00	\$3.250	\$11,245.00
DROP CABLE,6 FIBER, AS PER PLAN							
0520	804-1003	EACH	13.000	\$850.000	\$11,050.00	\$1,897.510	\$24,667.63
FUSION SPLICE, AS PER PLAN							
0530	804-1004	EACH	72.000	\$90.000	\$6,480.00	\$66.960	\$4,821.12
FIBER OPTIC CONNECTOR							
0540	804-0008	FOOT	14,835.000	\$5.000	\$74,175.00	\$7.220	\$107,108.70
INTERCONNECT CABLE, MISC.: FIBER OPTIC 72SM/1211, AS PER PLAN							
0550	804-1002	EACH	6.000	\$550.000	\$3,300.00	\$993.020	\$5,958.12
FIBER TERMINATION PANEL, 12 FIBER							
7 items	<b>Section Totals:</b>				<b>\$113,450.00</b>		<b>\$161,303.39</b>

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
<b>Section: 7 - Controller Cabinet</b>							
0560	632-6401	EACH	2.000	\$275.000	\$550.00	\$455.000	\$910.00
LOOP DETECTOR UNIT DELAY AND EXTEND TYPE, AS PER PLAN							
0580	633-1300	EACH	6.000	\$2,000.000	\$12,000.00	\$2,344.510	\$14,067.06
CABINET FOUNDATION							
0590	633-1606	FOOT	600.000	\$2.500	\$1,500.00	\$3.420	\$2,052.00
CONTROLLER ITEM, MISC.: ETHERNET DROP CABLE							
0600	633-1500	EACH	6.000	\$5,000.000	\$30,000.00	\$6,328.800	\$37,972.80
UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT							
0610	633-1604	EACH	1.000	\$15,000.000	\$15,000.00	\$14,769.290	\$14,769.29
CONTROLLER ITEM, MISC: MODIFY VIDEO MONITORING EQUIPMENT							
0620	633-1400	EACH	6.000	\$950.000	\$5,700.00	\$1,004.840	\$6,029.04
CONTROLLER WORK PAD							
0630	809-1111	EACH	6.000	\$5,000.000	\$30,000.00	\$7,462.250	\$44,773.50
ATC CONTROLLER, AS PER PLAN							
0640	633-1602	EACH	6.000	\$17.000	\$102.00	\$36.840	\$221.04
CONTROLLER ITEM, MISC.: 10/100/1000 ETHERNET PATCH CORD							
0650	633-1107	EACH	6.000	\$12,500.000	\$75,000.00	\$14,779.330	\$88,675.98
CABINET, TYPE TS2, AS PER PLAN							
9 items	<b>Section Totals:</b>			<b>\$169,852.00</b>		<b>\$209,470.71</b>	
<b>Section: 8 - Fixtures</b>							
0660	625-6501	EACH	12.000	\$400.000	\$4,800.00	\$507.490	\$6,089.88

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
LUMINAIRE, CONVENTIONAL, SOLID STATE, (LED), AS PER PLAN							
0670	625-7000	EACH	65.000	\$250.000	\$16,250.00	\$306.790	\$19,941.35
GROUND ROD							
0680	632-6070	EACH	46.000	\$20.000	\$920.00	\$16.740	\$770.04
COVERING OF VEHICULAR SIGNAL HEAD							
0690	632-6170	EACH	38.000	\$20.000	\$760.00	\$16.740	\$636.12
COVERING OF PEDESTRIAN SIGNAL HEAD							
0710	632-6205	EACH	36.000	\$1,100.000	\$39,600.00	\$1,261.730	\$45,422.28
PEDESTRIAN PUSHBUTTON APS, AS PER PLAN							
0720	632-9053	EACH	17.000	\$230.000	\$3,910.00	\$206.440	\$3,509.48
PEDESTRIAN SIGNAL HEAD HANGER ASSEMBLY (18"), AS PER PLAN							
0730	632-9055	SET	17.000	\$350.000	\$5,950.00	\$206.440	\$3,509.48
PEDESTRIAN SIGNAL HEAD HANGER ASSEMBLY (PEDESTAL), AS PER PLAN							
0750	632-6011	EACH	42.000	\$800.000	\$33,600.00	\$891.470	\$37,441.74
VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, AS PER PLAN							
0770	632-6021	EACH	4.000	\$1,200.000	\$4,800.00	\$1,377.690	\$5,510.76
VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, AS PER PLAN							
0780	632-9041	EACH	6.000	\$8,000.000	\$48,000.00	\$5,799.170	\$34,795.02
SIGNALIZATION, MISC.: SURVEILLANCE CAMERA AND HARDWARE							
0790	632-9043	EACH	20.000	\$6,250.000	\$125,000.00	\$6,228.450	\$124,569.00
SIGNALIZATION, MISC.: VIDEO DETECTION SYSTEM							
0800	630-1031	EACH	1.000	\$3,500.000	\$3,500.00	\$3,774.940	\$3,774.94



Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
LED BLANK-OUT SIGN, AS PER PLAN							
0810	630-1032	EACH	4.000	\$850.000	\$3,400.00	\$1,673.170	\$6,692.68
SIGNING, MISC.: BICYCLE ILLUMINATED SIGN							
0815	632-9056	EACH	38.000	\$450.000	\$17,100.00	\$529.880	\$20,135.44
PEDESTRIAN SIGNAL HEAD, LED, COUNT-DOWN, TYPE A2, AS PER PLAN							
14 items	<b>Section Totals:</b>			<b>\$307,590.00</b>		<b>\$312,798.21</b>	
<b>Section: 9 - Loops</b>							
0820	632-6300	EACH	3.000	\$1,200.000	\$3,600.00	\$1,601.700	\$4,805.10
DETECTOR LOOP							
1 item	<b>Section Totals:</b>			<b>\$3,600.00</b>		<b>\$4,805.10</b>	
<b>Section: 10 - Signs</b>							
0830	630-1020	EACH	98.000	\$350.000	\$34,300.00	\$325.580	\$31,906.84
SIGN HANGER ASSEMBLY, MAST ARM							
0840	630-1041	SF	269.500	\$30.000	\$8,085.00	\$32.340	\$8,715.63
SIGN ERECTED, FLAT SHEET, AS PER PLAN							
2 items	<b>Section Totals:</b>			<b>\$42,385.00</b>		<b>\$40,622.47</b>	
<b>Section: 11 - Concrete Curb Ramps and Pavement Markings</b>							
0880	202-2100	FOOT	301.000	\$14.000	\$4,214.00	\$16.730	\$5,035.73
CONCRETE CURB AND GUTTER REMOVED							
0890	202-3102	SF	42.500	\$12.000	\$510.00	\$5.580	\$237.15
CONCRETE TRAFFIC ISLAND REMOVED							
0910	202-3020	SF	2,945.000	\$5.000	\$14,725.00	\$5.580	\$16,433.10

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
CONCRETE FLATWORK REMOVED (9" & UNDER)							
0920	608A-1050	SF	1,231.000	\$11.500	\$14,156.50	\$13.380	\$16,470.78
4" CONCRETE SIDEWALK, INCLUDING RETORATION							
0930	608A-3001	SF	1,800.000	\$13.500	\$24,300.00	\$16.730	\$30,114.00
6" CONCRETE CURB RAMP, AS PER PLAN							
0940	608A-3060	SF	165.000	\$15.000	\$2,475.00	\$20.070	\$3,311.55
8" CONCRETE CURB RAMP							
0950	608A-3083	SF	200.000	\$45.000	\$9,000.00	\$50.180	\$10,036.00
DETECTABLE WARNING, AS PER PLAN							
0960	609-1090	FOOT	301.000	\$40.000	\$12,040.00	\$50.180	\$15,104.18
CONCRETE CURB AND GUTTER, INCLUDING ASPHALT RESTORATION							
0970	609-3002	SF	42.500	\$15.000	\$637.50	\$27.880	\$1,184.90
CONCRETE TRAFFIC ISLAND							
0990	644-2100	FOOT	12.000	\$85.000	\$1,020.00	\$33.450	\$401.40
STOP LINE, 24"							
1000	642-1600	EACH	1.000	\$750.000	\$750.00	\$783.850	\$783.85
BIKE LANE SYMBOL MARKING							
1060	646-6000	SF	240.000	\$27.000	\$6,480.00	\$20.100	\$4,824.00
PAVEMENT MARKINGS, MISC.: GREEN COLORED PAVEMENT TREATMENT FOR BIKE LANES							
12 items	<b>Section Totals:</b>			<b>\$90,308.00</b>		<b>\$103,936.64</b>	
<b>Section: 12 - Contingencies</b>							
1010	625-4010	FOOT	495.000	\$75.000	\$37,125.00	\$72.560	\$35,917.20

Line Number	Item ID	Unit	Quantity	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.	
				Unit Price	Extension	Unit Price	Extension
TRENCH IN PAVED AREA, TYPE B							
1020	SPEC-0201	HOUR	60.000	\$220.000	\$13,200.00	\$245.630	\$14,737.80
POT- HOLING (CONTINGENCY)							
1030	201-1000	LUMP SUM	1.000	\$560.000	\$560.00	\$557.500	\$557.50
CLEARING AND GRUBBING INCLUDING TREE/STUMP REMOVAL (<12")							
1040	611-2820	EACH	2.000	\$750.000	\$1,500.00	\$724.750	\$1,449.50
MANHOLE ADJUSTED TO GRADE, TYPE 2							
4 items	<b>Section Totals:</b>			<b>\$52,385.00</b>		<b>\$52,662.00</b>	
93 items	<b>Totals:</b>			<b>\$1,630,515.00</b>		<b>\$2,152,653.66</b>	