



# City of Kettering

## Bid Tabulations

### 02-005B PID 90812

**Description:** MOT - Citywide Signal Upgrade

Line Number	Item	Unit	Qty	Engineer's Estimate		(1) Capital Electric Line Builders, Inc.		(2) BANSAL CONSTRUCCION, INC	
				Price	Extension	Price	Extension	Price	Extension
<b>Section 1: Curb Ramps</b>									
0010	608A-3083	SF	880.00	\$50.000	\$44,000.00	\$39.780	\$35,006.40	\$26.000	\$22,880.00
	DETECTABLE WARNING, AS PER PLAN								
0020	202-3000	SF	16,200.00	\$3.000	\$48,600.00	\$3.320	\$53,784.00	\$2.500	\$40,500.00
	CONCRETE FLATWORK REMOVED (6" & UNDER)								
0021	202-2100	FOOT	3,300.00	\$20.000	\$66,000.00	\$13.260	\$43,758.00	\$18.000	\$59,400.00
	CONCRETE CURB AND GUTTER REMOVED								
0030	608A-3000	SF	9,900.00	\$10.000	\$99,000.00	\$11.050	\$109,395.00	\$16.000	\$158,400.00
	6" CONCRETE CURB RAMP								
0031	608A-1050	SF	5,400.00	\$5.000	\$27,000.00	\$5.530	\$29,862.00	\$16.000	\$86,400.00
	4" CONCRETE SIDEWALK, INCLUDING RESTORATION								
0032	609-1052	FOOT	3,300.00	\$30.000	\$99,000.00	\$30.940	\$102,102.00	\$42.000	\$138,600.00
	CONCRETE CURB AND GUTTER, INCLUDING ASPHALT RESTORATION								
<b>Section 2: Mantaining Traffic</b>									
0310	614-1001	LS	1.00	\$50,000.000	\$50,000.00	\$41,530.320	\$41,530.32	\$34,000.000	\$34,000.00
	MAINTAINING TRAFFIC, AS PER PLAN								
<b>Section 3: Conduits (Bored or Trenched)</b>									

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0050	625-4000	FOOT	1,500.00	\$25.000	\$37,500.00	\$7.400	\$11,100.00	\$6.500	\$9,750.00
	TRENCH								
0060	625-4010	FOOT	55.00	\$12.000	\$660.00	\$21.300	\$1,171.50	\$63.000	\$3,465.00
	TRENCH IN PAVED AREA, TYPE B								
0070	625-3524	FOOT	21,233.00	\$20.000	\$424,660.00	\$14.700	\$312,125.10	\$20.000	\$424,660.00
	CONDUIT JACKED OF DRILLED, 725.052, 2", AS PER PLAN								
0080	625-3561	FOOT	90.00	\$35.000	\$3,150.00	\$22.430	\$2,018.70	\$30.000	\$2,700.00
	CONDUIT, JACKED OR DRILLED, 725.052, 2-2", AS PER PLAN								
0090	625-3571	FOOT	380.00	\$40.000	\$15,200.00	\$41.120	\$15,625.60	\$45.000	\$17,100.00
	CONDUIT, JACKED OR DRILLED, 725.052, 2-2" & 1-3", AS PER PLAN								
0091	625-3530	FOOT	100.00	\$35.000	\$3,500.00	\$20.120	\$2,012.00	\$23.000	\$2,300.00
	CONDUIT, JACKED OR DRILLED, 725.052, 3", AS PER PLAN								
0450	625-3121	FOOT	835.00	\$10.000	\$8,350.00	\$7.350	\$6,137.25	\$5.500	\$4,592.50
	CONDUIT RIGID METAL, 2", 725.04, AS PER PLAN								
0451	625-3132	EACH	4.00	\$200.000	\$800.00	\$378.460	\$1,513.84	\$450.000	\$1,800.00
	RISER, RIGID METAL, WITH WEATHERHEAD, 2"								
<b>Section 4: Pullboxes</b>									
0100	625-5241	EACH	58.00	\$800.000	\$46,400.00	\$779.030	\$45,183.74	\$630.000	\$36,540.00
	PULLBOX, 725.08, 24" x 24", AS PER PLAN								
0110	625-5361	EACH	13.00	\$1,200.000	\$15,600.00	\$972.400	\$12,641.20	\$870.000	\$11,310.00
	PULLBOX, 725.07, 24" x 36", AS PER PLAN								
<b>Section 5: Signing</b>									
0120	630-1030	EACH	18.00	\$5,000.000	\$90,000.00	\$4,114.470	\$74,060.46	\$4,300.000	\$77,400.00
	SIGNING,MISC.: SCHOOL SPEED LIMIT ASSEMBLY WITH CHANGEABLE MESSAGE SIGN								
<b>Section 6: Traffic Signal Equipment</b>									
0130	632-6300	EACH	59.00	\$1,000.000	\$59,000.00	\$944.780	\$55,742.02	\$940.000	\$55,460.00
	DETECTOR LOOP								
0140	632-6401	EACH	13.00	\$400.000	\$5,200.00	\$1,154.560	\$15,009.28	\$890.000	\$11,570.00
	LOOP DETECTOR UNIT DELAY AND EXTEND TYPE, AS PER PLAN								

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<b>0150</b>	632-9051	EACH	154.00	\$130.000	\$20,020.00	\$210.690	\$32,446.26	\$330.000	\$50,820.00
SIGNALIZATION, MISC.: 12" LED PEDESTRIAN COUNTDOWN TYPE A2 RETROFIT									
<b>0360</b>	632-9041	EACH	21.00	\$24,000.000	\$504,000.00	\$19,497.730	\$409,452.33	\$18,250.000	\$383,250.00
SIGNALIZATION, MISC.: SURVEILANCE CAMERA AND HARDWARE									
<b>0410</b>	632-9121	EACH	1.00	\$3,000.000	\$3,000.00	\$5,717.270	\$5,717.27	\$5,540.000	\$5,540.00
SIGNALIZATION MISC.: CAMERA POLE REMOVE AND REPLACE									
<b>0460</b>	632-5020	FOOT	6,415.00	\$2.000	\$12,830.00	\$2.820	\$18,090.30	\$1.600	\$10,264.00
LOOP DETECTOR LEAD IN CABLE, 2 CONDUCTOR, NO.14 AWG, SHIELDED									
<b>0531</b>	632-9240	EACH	6.00	\$300.000	\$1,800.00	\$1,790.100	\$10,740.60	\$2,890.000	\$17,340.00
SIGNALIZATION MISC.: MODIFICATION OF EXISTING POLE FOUNDATION									
<b>Section 7: Traffic Signal Controllers</b>									
<b>0160</b>	633-1102	EACH	75.00	\$4,000.000	\$300,000.00	\$1,906.130	\$142,959.75	\$1,590.000	\$119,250.00
CONTROLLER UNIT, TYPE TS2/A2, AS PER PLAN									
<b>0170</b>	633-1600	LS	1.00	\$10,000.000	\$10,000.00	\$36,465.000	\$36,465.00	\$50,000.000	\$50,000.00
SYSTEM ANALYSIS, AS PER PLAN									
<b>0180</b>	633-1500	EACH	58.00	\$4,400.000	\$255,200.00	\$4,215.020	\$244,471.16	\$4,680.000	\$271,440.00
UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN									
<b>0190</b>	633-1601	EACH	75.00	\$1,000.000	\$75,000.00	\$1,517.990	\$113,849.25	\$1,740.000	\$130,500.00
CONTROLLER ITEM, MISC.: 10/100/1000 ETHERNET SWITCH									
<b>0200</b>	633-1602	EACH	375.00	\$150.000	\$56,250.00	\$13.260	\$4,972.50	\$25.000	\$9,375.00
CONTROLLER ITEM, MISC.:10/100/1000 ETHERNET PATCH CORD									
<b>0210</b>	633-1603	LS	1.00	\$300,000.000	\$300,000.00	\$67,957.500	\$67,957.50	\$75,000.000	\$75,000.00
CONTROLLER ITEM, MISC.: CENTRAL SYSTEM SOFTWARE									
<b>0220</b>	633-1604	LS	1.00	\$40,000.000	\$40,000.00	\$25,691.250	\$25,691.25	\$20,000.000	\$20,000.00
CONTROLLER ITEM, MISC.: MODIFY VIDEO MONITORING EQUIPMENT									
<b>0230</b>	633-1605	EACH	2.00	\$2,000.000	\$4,000.00	\$3,149.250	\$6,298.50	\$4,450.000	\$8,900.00
CONTROLLER ITEM, MISC.: LAPTOP COMPUTER INTERFACE UNIT									
<b>0240</b>	633-1301	EACH	1.00	\$4,000.000	\$4,000.00	\$1,900.600	\$1,900.60	\$640.000	\$640.00
CABINET FOUNDATION MODIFICATION									
<b>0250</b>	633-1103	EACH	1.00	\$12,000.000	\$12,000.00	\$7,867.600	\$7,867.60	\$7,660.000	\$7,660.00
CABINET, TS2, WITHOUT CONTROLLER, AS PER PLAN									

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<b>0510</b>	633-1606	FOOT	885.00	\$5.000	\$4,425.00	\$6.330	\$5,602.05	\$1.450	\$1,283.25
	CONTROLLER ITEM, MISC.: ETHERNET DROP CABLE								
<b>Section 8: Fiber Optic</b>									
<b>0260</b>	804-0001	FOOT	22,183.00	\$5.000	\$110,915.00	\$4.660	\$103,372.78	\$3.200	\$70,985.60
	FIBER OPTIC CABLE, 24SM/24MM								
<b>0270</b>	804-0005	FOOT	3,685.00	\$8.000	\$29,480.00	\$7.270	\$26,789.95	\$4.750	\$17,503.75
	FIBER OPTIC CABLE, 48SM/48MM								
<b>0280</b>	804-0002	EACH	2.00	\$130.000	\$260.00	\$74.590	\$149.18	\$55.000	\$110.00
	FAN-OUT KIT, 6 FIBER								
<b>0290</b>	804-1001	FOOT	255.00	\$3.000	\$765.00	\$6.990	\$1,782.45	\$4.500	\$1,147.50
	DROP CABLE, 6 FIBER, AS PER PLAN								
<b>0311</b>	804-1003	EACH	23.00	\$2,000.000	\$46,000.00	\$640.900	\$14,740.70	\$675.000	\$15,525.00
	FUSION SPLICE, AS PER PLAN								
<b>0330</b>	804-1005	EACH	2.00	\$2,000.000	\$4,000.00	\$762.450	\$1,524.90	\$675.000	\$1,350.00
	FIBER OPTIC, MISC.: WALL MOUNT INTERCONNECT CENTER								
<b>0340</b>	804-1008	EACH	19.00	\$50.000	\$950.00	\$546.980	\$10,392.62	\$125.000	\$2,375.00
	SLACK INSTALLATION								
<b>0350</b>	804-1007	EACH	10.00	\$200.000	\$2,000.00	\$906.100	\$9,061.00	\$484.720	\$4,847.20
	SPLICE ENCLOSURE								
<b>0370</b>	804-1006	EACH	6.00	\$300.000	\$1,800.00	\$407.470	\$2,444.82	\$435.000	\$2,610.00
	FIBER OPTIC MISC.: MULTI MODE MEDIA CONVERTER								
<b>0430</b>	804-1004	EACH	12.00	\$90.000	\$1,080.00	\$42.820	\$513.84	\$600.000	\$7,200.00
	FIBER OPTIC CONNECTOR								
<b>0440</b>	804-0102	EACH	2.00	\$2,000.000	\$4,000.00	\$7,055.430	\$14,110.86	\$27,000.000	\$54,000.00
	FIBER OPTIC MISC.: BUILDING ENTRANCE								
<b>0520</b>	804-0103	LS	1.00	\$300.000	\$300.00	\$950.300	\$950.30	\$750.000	\$750.00
	FIBER OPTIC MISC.: REROUTING EXISTING CABLING								
<b>0521</b>	804-1002	EACH	35.00	\$300.000	\$10,500.00	\$267.960	\$9,378.60	\$225.000	\$7,875.00
	FIBER TERMINATION PANEL, 12 FIBER								
<b>0532</b>	804-1012	EACH	2.00	\$200.000	\$400.00	\$234.810	\$469.62	\$175.000	\$350.00
	FIBER TERMINATION PANEL, 6 FIBER								

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<b>Section 9: Special</b>									
<b>0300</b>	613-1007	CY	80.00	\$95.000	\$7,600.00	\$146.410	\$11,712.80	\$66.500	\$5,320.00
	LOW STRENGHT MORTAR BACKFILL, LSM 100 (CONTINGENCY)								
<b>0380</b>	SPEC-0201	HR	80.00	\$200.000	\$16,000.00	\$221.000	\$17,680.00	\$250.000	\$20,000.00
	POT- HOLING (CONTINGENCY)								
<b>0480</b>	SPEC-0301	CY	6.00	\$300.000	\$1,800.00	\$110.500	\$663.00	\$395.000	\$2,370.00
	WORK INVOLVING SOLID WASTE (CONTINGENCY)								
<b>0540</b>	SPEC-0211	LS	4.00	\$500.000	\$2,000.00	\$475.150	\$1,900.60	\$3,650.000	\$14,600.00
	LASHING								
<b>(54 Items)</b>			<b>Totals:</b>		<b>\$2,985,995.00</b>		<b>\$2,331,898.35</b>		<b>\$2,589,008.80</b>