

MILL LEVY PACKAGE 6 - TRAFFIC SIGNAL UPGRADE

For Advertisement - 6/15/17

ITEM DESCRIPTION		UNIT	UNIT COST	APPROX.	ESTIMATED	Dynalectric Travelers Casualty & Surety		Sturgeon Electric Company, Inc. Liberty Mutual Insurance Co.	
				QUANTITY	COST				
A.	BID ITEMS								
202-00190	REMOVAL OF CONCRETE MEDIAN COVER MATERIAL	SY	\$30.00	58	\$1,740	39.69	2,302.02	50.00	2,900.00
202-00200	REMOVAL OF SIDEWALK	SY	\$30.00	251	\$7,530	22.97	5,765.47	44.00	11,044.00
202-00203	REMOVAL OF CURB AND GUTTER	LF	\$14.00	242	\$3,388	8.65	2,093.30	19.00	4,598.00
202-00206	REMOVAL OF CONCRETE CURB RAMP	SY	\$32.00	347	\$11,104	28.45	9,872.15	42.00	14,574.00
202-00210	REMOVAL OF CONCRETE PAVEMENT	SY	\$37.00	140	\$5,180	29.63	4,148.20	42.00	5,880.00
202-00220	REMOVAL OF ASPHALT MAT	SY	\$35.00	132	\$4,620	35.92	4,741.44	44.00	5,808.00
202-00250	REMOVAL OF PAVEMENT MARKING	SF	\$3.00	2,150	\$6,450	1.93	4,149.50	3.50	7,525.00
202-00810	REMOVAL OF GROUND SIGN	EA	\$65.00	7	\$455	176.28	1,233.96	165.00	1,155.00
202-00828	REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	LS	\$70,000.00	1	\$70,000	74,991.61	74,991.61	29,600.00	29,600.00
203-01597	POTHOLING	EACH	\$250.00	140	\$35,000	249.21	34,889.40	340.00	47,600.00
208-00035	AGGREGATE BAG	LF	\$20.00	250	\$5,000	19.33	4,832.50	40.00	10,000.00
208-00045	CONCRETE WASHOUT STRUCTURE	EACH	\$5,000.00	2	\$10,000	813.62	1,627.24	2,200.00	4,400.00
208-00053	STORM DRAIN INLET PROTECTION (TYPE I)	EACH	\$500.00	11	\$5,500	439.35	4,832.85	400.00	4,400.00
208-00205	EROSION CONTROL SUPERVISOR	HOUR	\$250.00	200	\$50,000	147.89	29,578.00	100.00	20,000.00
210-004XX	RESET 5GHz RADIO	EA	\$2,600.00	1	\$2,600	2,175.14	2,175.14	785.00	785.00
210-00473	REMOVE AND RELOCATE CCTV AND WIRING	LS	\$5,730.00	1	\$5,730	4,488.62	4,488.62	1,120.00	1,120.00
210-00815	RESET SIGN PANEL	EA	\$155.00	1	\$155	301.78	301.78	190.00	190.00
210-00XXX	RESET BENCH	EA	\$500.00	1	\$500	634.75	634.75	275.00	275.00
212-00100	TREE RETENTION AND PROTECTION	LS	\$56,000.00	1	\$56,000	39,682.94	39,682.94	15,500.00	15,500.00
403-00720	HOT MIX ASPHALT (PATCHING) (ASPHALT)	TON	\$300.00	20	\$6,000	571.64	11,432.80	345.00	6,900.00
412-01100	CONCRETE PAVEMENT (11 INCH)	SY	\$150.00	169	\$25,350	88.10	14,888.90	140.00	23,660.00
503-00036	DRILLED CAISSON (36 INCH)	LF	\$500.00	157	\$78,500	550.63	86,448.91	420.00	65,940.00
503-00037	VACUUMED CAISSON (36 INCH)	LF	\$750.00	157	\$117,750	537.11	84,326.27	560.00	87,920.00
608-00000	CONCRETE SIDEWALK	SY	\$80.00	406	\$32,480	78.91	32,037.46	89.00	36,134.00
608-00010	CONCRETE CURB RAMP	SY	\$135.00	379	\$51,165	168.76	63,960.04	145.00	54,955.00
609-20010	6" CURB HEAD	LF	\$20.00	225	\$4,500	47.99	10,797.75	37.00	8,325.00
609-20100	CURB HEAD (0"-12" VARIABLE HEIGHT)	LF	\$20.00	53	\$1,060	92.30	4,891.90	40.00	2,120.00
609-21020	6" CURB AND GUTTER - 2' CATCH PAN	LF	\$40.00	188	\$7,520	41.24	7,753.12	34.00	6,392.00
609-21021	4" MOUNTABLE CURB	LF	\$40.00	15	\$600	49.36	740.40	80.00	1,200.00
610-00055	MEDIAN COVER MATERIAL (STONE)	SF	\$18.00	263	\$4,734	15.47	4,068.61	61.00	16,043.00
613-00206	2 INCH ELECTRICAL CONDUIT (BORED)	LF	\$33.00	1,500	\$49,500	37.36	56,040.00	31.00	46,500.00

613-00306	3 INCH ELECTRICAL CONDUIT (BORED)	LF	\$35.00	2,885	\$100,975	40.59	117,102.15	31.00	89,435.00
613-10000	WIRING	LS	\$70,000.00	1	\$70,000	109,754.83	109,754.83	54,775.00	54,775.00
613-1300X	LUMINAIRE LED (55 WATT)	EA	\$900.00	23	\$20,700	994.67	22,877.41	820.00	18,860.00
613-8013X	ELECTRIC METER PEDESTAL CABINET	EA	\$3,500.00	7	\$24,500	4,221.89	29,553.23	4,440.00	31,080.00
614-00011	SIGN PANEL (CLASS I)	SF	\$50.00	194	\$9,700	40.79	7,913.26	40.00	7,760.00
614-00035	SIGN PANEL (SPECIAL)	SF	\$55.00	319	\$17,545	28.12	8,970.28	46.00	14,674.00
614-00216	STEEL SIGN POST (2X2 INCH TUBING)	LF	\$24.00	11	\$264	34.65	381.15	21.00	231.00
614-70150	PEDESTRIAN SIGNAL FACE (16) (COUNTDOWN)	EA	\$700.00	42	\$29,400	874.60	36,733.20	695.00	29,190.00
614-70336	TRAFFIC SIGNAL FACE (12-12-12)	EA	\$1,000.00	83	\$83,000	1,046.99	86,900.17	1,030.00	85,490.00
614-72855	TRAFFIC SIGNAL CONTROLLER & CABINET (INSTALL ONLY)	EA	\$5,000.00	7	\$35,000	3,842.10	26,894.70	4,475.00	31,325.00
614-72860	PEDESTRIAN PUSH BUTTON	EA	\$450.00	24	\$10,800	521.09	12,506.16	365.00	8,760.00
614-72866	EMERGENCY VEHICLE TRAFFIC SIGNAL PRIORITY CONTROL SYSTEM	EA	\$7,800.00	5	\$39,000	9,012.68	45,063.40	6,575.00	32,875.00
614-72886	INTERSECTION DETECTION SYSTEM (CAMERA)	EA	\$7,000.00	1	\$7,000	12,521.26	12,521.26	9,925.00	9,925.00
614-728X1	INTERSECTION DETECTION SYSTEM (2 CAMERA)	EA	\$10,000.00	4	\$40,000	22,019.94	88,079.76	17,305.00	69,220.00
614-81115	TRAFFIC SIGNAL-LIGHT POLE STEEL (NO MAST ARM)	EA	\$5,000.00	1	\$5,000	5,009.87	5,009.87	2,390.00	2,390.00
614-81120	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-20 FOOT MAST ARM)	EA	\$14,000.00	4	\$56,000	10,975.82	43,903.28	8,485.00	33,940.00
614-81125	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-25 FOOT MAST ARM)	EA	\$15,000.00	7	\$105,000	11,479.66	80,357.62	8,770.00	61,390.00
614-81130	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-30 FOOT MAST ARM)	EA	\$16,000.00	5	\$80,000	11,983.49	59,917.45	9,225.00	46,125.00
614-81135	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-35 FOOT MAST ARM)	EA	\$17,000.00	6	\$102,000	12,412.56	74,475.36	9,455.00	56,730.00
614-81145	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-45 FOOT MAST ARM)	EA	\$20,500.00	1	\$20,500	15,301.46	15,301.46	11,550.00	11,550.00
614-86105	TELEMETRY (FIELD)	EA	\$5,000.00	6	\$30,000	10,551.18	63,307.08	4,760.00	28,560.00
625-00000	CONSTRUCTION SURVEYING	LS	\$50,000.00	1	\$50,000	16,846.98	16,846.98	42,000.00	42,000.00
626-00000	MOBILIZATION	LS	\$110,000.00	1	\$110,000	49,033.39	49,033.39	76,500.00	76,500.00
627-30410	PREFORMED THERMOPLASTIC PAVEMENT MARKING (XWALK-STOP LINE)	SF	\$15.00	2,615	\$39,225	11.57	30,255.55	11.00	28,765.00
630-00003	UNIFORMED TRAFFIC CONTROL	HR	\$150.00	168	\$25,200	122.46	20,573.28	110.00	18,480.00
630-XXXXX	CONSTRUCTION ZONE TRAFFIC CONTROL	DAY	\$1,500.00	120	\$180,000	1,118.91	134,269.20	900.00	108,000.00
700-70082	01 FURNISH & INSTALL ELECTRICAL SERVICE ALLOWANCE	N/A	\$ 50,000.00	1	\$ 50,000	50,000.00	50,000.00	50,000.00	50,000.00
700-70380	02 EROSION CONTROL ALLOWANCE	N/A	\$ 5,000.00	1	\$ 5,000	5,000.00	5,000.00	5,000.00	5,000.00
700-70589	03 ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT ALLOWANCE	N/A	\$ 4,000.00	1	\$ 4,000	4,000.00	4,000.00	4,000.00	4,000.00
700-90026	04 LANDSCAPING ALLOWANCE	N/A	\$ 10,000.00	1	\$ 10,000	10,000.00	10,000.00	10,000.00	10,000.00
TOTAL						\$ 2,019,920		1,877,228.51	1,610,473.00
Textura Fee								3191.29	2,737.80
Total Bid Amount							\$ 1,880,419.80		\$ 1,613,210.80