

	51	614-81000	TRAFFIC SIGNAL LIGHT POLE STEEL	EA	4	\$4,000.00	\$16,000.00	\$7,545.00	\$30,180.00
	52	614-81120	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-20 FOOT MAST ARM)	EA	2	\$17,000.00	\$34,000.00	\$10,990.00	\$21,980.00
	53	614-81125	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-25 FOOT MAST ARM)	EA	1	\$17,500.00	\$17,500.00	\$11,255.00	\$11,255.00
	54	614-81130	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-30 FOOT MAST ARM)	EA	1	\$18,000.00	\$18,000.00	\$12,270.00	\$12,270.00
	55	614-81135	TRAFFIC SIGNAL LIGHT POLE STEEL (1-35 FOOT MAST ARM)	EA	1	\$18,500.00	\$18,500.00	\$12,500.00	\$12,500.00
	56	614-81140	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-40 FOOT MAST ARM)	EA	1	\$19,000.00	\$19,000.00	\$12,735.00	\$12,735.00
	57	614-81145	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-45 FOOT MAST ARM)	EA	1	\$19,500.00	\$19,500.00	\$14,780.00	\$14,780.00
	58	614-81150	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-50 FOOT MAST ARM)	EA	1	\$20,000.00	\$20,000.00	\$15,285.00	\$15,285.00
	59	614-81155	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-55 FOOT MAST ARM)	EA	3	\$20,500.00	\$61,500.00	\$15,875.00	\$47,625.00
	60	614-81165	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-65 FOOT MAST ARM)	EA	1	\$23,000.00	\$23,000.00	\$18,405.00	\$18,405.00
	61	614-81170	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-70 FOOT MAST ARM)	EA	1	\$25,000.00	\$25,000.00	\$19,220.00	\$19,220.00
	62	614-84000	TRAFFIC SIGNAL PEDESTAL POLE STEEL	EA	2	\$5,000.00	\$10,000.00	\$1,125.00	\$2,250.00
	63	614-86105	TELEMETRY (FIELD)	EA	4	\$9,000.00	\$36,000.00	\$4,795.00	\$19,180.00
	64	614-86800	UNINTERRUPTED POWER SUPPLY	EA	4	\$9,000.00	\$36,000.00	\$6,785.00	\$27,140.00
	65	614-87333	CLOSED CIRCUIT TELEVISION CAMERA (TRAFFIC SURVEILLANCE)	EA	4	\$5,000.00	\$20,000.00	\$4,850.00	\$19,400.00
	66	625-00000	CONSTRUCTION SURVEYING	LS	1	\$22,000.00	\$22,000.00	\$28,400.00	\$28,400.00
	67	626-00000	MOBILIZATION	LS	1	\$52,000.00	\$52,000.00	\$65,000.00	\$65,000.00
	68	627-00005	EPOXY PAVEMENT MARKINGS	GAL	25	\$450.00	\$11,250.00	\$350.00	\$8,750.00
	69	627-30405	PREFORMED THERMOPLASTIC PAVEMENT MARKING (WORD-SYMBOL)	SF	390	\$20.00	\$7,800.00	\$17.00	\$6,630.00
	70	627-30410	PREFORMED THERMOPLASTIC PAVEMENT MARKING (XWALK-STOPLINE)	SF	3035	\$18.00	\$54,630.00	\$11.00	\$33,385.00
	71	629-01001	SURVEY MONUMENT TYPE 1	EA	4	\$500.00	\$2,000.00	\$760.00	\$3,040.00
	72	630	CONSTRUCTION TRAFFIC CONTROL	LS	1	\$80,000.00	\$80,000.00	\$210,900.00	\$210,900.00
	73	630-00003	UNIFORMED TRAFFIC CONTROL	HR	64	\$120.00	\$7,680.00	\$135.00	\$8,640.00
Schedule A - Fixed Price Section									
	74	700-70310	A/A LANDSCAPING	A/A	1	\$18,750.00	\$18,750.00	\$18,750.00	\$18,750.00
	75	700-70380	A/A EROSION CONTROL	A/A	1	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00
	76	700-70589	A/A ENVIRONMENTAL HEALTH AND SAFETY MANAGEMENT	A/A	1	\$9,000.00	\$9,000.00	\$9,000.00	\$9,000.00
Total for Schedule A							\$1,557,415.00		\$1,711,903.00
Base Bid Items Total Amount (Schedule B - 202-00000 through A/W 03 (Sixty-eight [68]) total bid items)									
	77	202-00000	CLEARING AND GRUBBING	LS	1	\$5,000.00	\$5,000.00	\$2,875.00	\$2,875.00
	78	202-00019	REMOVAL OF INLET	EA	3	\$2,000.00	\$6,000.00	\$2,150.00	\$6,450.00
	79	202-00031	REMOVAL OF FIRE HYDRANT ASSEMBLY	EA	1	\$1,000.00	\$1,000.00	\$1,675.00	\$1,675.00
	80	202-00035	REMOVAL OF PIPE	LF	42	\$35.00	\$1,470.00	\$85.00	\$3,570.00
	81	202-00200	REMOVAL OF SIDEWALK	SY	325	\$27.00	\$8,775.00	\$45.00	\$14,625.00
	82	202-00203	REMOVAL OF CURB AND GUTTER	LF	807	\$12.00	\$9,684.00	\$23.00	\$18,561.00
	83	202-00206	REMOVAL OF CONCRETE CURB RAMP	SY	74	\$35.00	\$2,590.00	\$61.00	\$4,514.00
	84	202-00210	REMOVAL OF CONCRETE PAVEMENT	SY	144	\$37.00	\$5,328.00	\$100.00	\$14,400.00
	85	202-00220	REMOVAL OF ASPHALT MAT	SY	239	\$10.00	\$2,390.00	\$68.00	\$16,252.00
	86	202-00810	REMOVAL OF GROUND SIGN	EA	6	\$100.00	\$600.00	\$95.00	\$570.00
	87	202-00828	REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	LS	1	\$15,000.00	\$15,000.00	\$10,911.00	\$10,911.00
	88	203-00100	MUCK EXCAVATION	CY	4	\$50.00	\$200.00	\$155.00	\$620.00
	89	203-01597	POTHOLING	HR	40	\$230.00	\$9,200.00	\$290.00	\$11,600.00
	90	210-00001	RESET BENCH	EA	1	\$800.00	\$800.00	\$865.00	\$865.00
	91	210-00473	RESET TV CAMERA	EA	1	\$800.00	\$800.00	\$995.00	\$995.00
	92	210-00479	RESET RADIO COMMUNICATION ANTENNA	LS	1	\$300.00	\$300.00	\$805.00	\$805.00
	93	210-01000	RESET FENCE	LF	35	\$30.00	\$1,050.00	\$185.00	\$6,475.00
	94	210-04020	MODIFY INLET	EA	2	\$750.00	\$1,500.00	\$4,825.00	\$9,650.00
	95	210-04050	ADJUST VALVE BOX	EA	7	\$400.00	\$2,800.00	\$1,100.00	\$7,700.00
	96	403-00720	HOT MIX ASPHALT (PATCHING) (ASPHALT)	TON	91	\$225.00	\$20,475.00	\$200.00	\$18,200.00
	97	412-00920	CONCRETE PAVEMENT (9 INCH)(FAST TRACK)	SY	48	\$175.00	\$8,400.00	\$310.00	\$14,880.00
	98	503-00200	CAISSON (SPECIAL)	LF	109	\$600.00	\$65,400.00	\$550.00	\$59,950.00
	99	603-01185	18" REINFORCED CONCRETE PIPE (COMPLETE IN PLACE)	LF	38	\$100.00	\$3,800.00	\$175.00	\$6,650.00
	100	604-16005	INLET TYPE 16 (5 FOOT)	EA	2	\$5,000.00	\$10,000.00	\$7,500.00	\$15,000.00
	101	604-19005	INLET TYPE 14	EA	1	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
	102	604-30005	MANHOLE SLAB BASE (5 FOOT)	EA	1	\$6,000.00	\$6,000.00	\$5,900.00	\$5,900.00
	103	607-11525	FENCE PLASTIC	LF	200	\$5.00	\$1,000.00	\$6.00	\$1,200.00
	104	607-11580	FENCE (TEMPORARY)(TREE PROTECTION ZONE)	EA	15	\$250.00	\$3,750.00	\$690.00	\$10,350.00
	105	608-00000	CONCRETE SIDEWALK	SY	565	\$80.00	\$45,200.00	\$100.00	\$56,500.00

106	608-00010	CONCRETE CURB RAMP	SY	66	\$225.00	\$14,850.00	\$235.00	\$15,510.00
107	609-21020	CURB AND GUTTER TYPE 2 (SECTION II-B)	LF	824	\$40.00	\$32,960.00	\$45.00	\$37,080.00
108	610-00026	MEDIAN COVER MATERIAL (6 INCH PATTERNED CONCRETE)	SF	212	\$16.00	\$3,392.00	\$45.00	\$9,540.00
109	613-01200	2 INCH ELECTRICAL CONDUIT (PLASTIC)	LF	605	\$37.00	\$22,385.00	\$31.00	\$18,755.00
110	613-01300	3 INCH ELECTRICAL CONDUIT (PLASTIC)	LF	1090	\$43.00	\$46,870.00	\$26.00	\$28,340.00
111	613-07000	PULL BOX (SPECIAL)	EA	4	\$1,250.00	\$5,000.00	\$1,710.00	\$6,840.00
112	613-10000	WIRING	LS	1	\$6,000.00	\$6,000.00	\$22,450.00	\$22,450.00
113	613-13000	LUMINAIRE (LED)	EA	8	\$1,000.00	\$8,000.00	\$625.00	\$5,000.00
114	613-80130	SERVICE METER CABINET	EA	2	\$4,000.00	\$8,000.00	\$5,940.00	\$11,880.00
115	614-00011	SIGN PANEL (CLASS I)	SF	162	\$35.00	\$5,670.00	\$38.00	\$6,156.00
116	614-00216	STEEL SIGN POST (2X2 INCH TUBING)	LF	58	\$25.00	\$1,450.00	\$35.00	\$2,030.00
117	614-70150	PEDESTRIAN SIGNAL FACE (16) (COUNTDOWN)	EA	16	\$600.00	\$9,600.00	\$690.00	\$11,040.00
118	614-70336	TRAFFIC SIGNAL FACE (12-12-12)	EA	22	\$700.00	\$15,400.00	\$1,030.00	\$22,660.00
119	614-70448	TRAFFIC SIGNAL FACE (12-12-12-12)	EA	10	\$900.00	\$9,000.00	\$1,255.00	\$12,550.00
120	614-72848	TRAFFIC SIGNAL CONTROLLER AND CABINET	EA	2	\$14,000.00	\$28,000.00	\$22,700.00	\$45,400.00
121	614-72860	PEDESTRIAN PUSH BUTTON	EA	16	\$300.00	\$4,800.00	\$370.00	\$5,920.00
122	614-72866	FIRE PREEMPTION UNIT AND TIMER	EA	2	\$9,500.00	\$19,000.00	\$8,085.00	\$16,170.00
123	614-72886	INTERSECTION DETECTION SYSTEM (CAMERA)	EA	6	\$8,500.00	\$51,000.00	\$8,440.00	\$50,640.00
124	614-81120	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-20 FOOT MAST ARM)	EA	2	\$8,700.00	\$17,400.00	\$11,330.00	\$22,660.00
125	614-81130	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-30 FOOT MAST ARM)	EA	1	\$9,600.00	\$9,600.00	\$12,575.00	\$12,575.00
126	614-81135	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-35 FOOT MAST ARM)	EA	2	\$9,900.00	\$19,800.00	\$12,920.00	\$25,840.00
127	614-81140	TRAFFIC SIGNAL-LIGHT POLE STEEL (1-40 FOOT MAST ARM)	EA	3	\$10,400.00	\$31,200.00	\$13,170.00	\$39,510.00
128	614-84100	TRAFFIC SIGNAL PEDESTAL POLE (ALUMINUM 10 FOOT)	EA	1	\$2,000.00	\$2,000.00	\$2,860.00	\$2,860.00
129	614-86105	TELEMETRY (FIELD)	EA	1	\$5,000.00	\$5,000.00	\$4,800.00	\$4,800.00
130	614-86800	UNINTERRUPTED POWER SUPPLY	EA	2	\$11,000.00	\$22,000.00	\$6,785.00	\$13,570.00
131	614-87333	CCTV CAMERA (TRAFFIC SURVEILLANCE)	EA	1	\$7,500.00	\$7,500.00	\$4,850.00	\$4,850.00
132	614-87690	ETHERNET SWITCH	EA	2	\$5,000.00	\$10,000.00	\$4,650.00	\$9,300.00
133	619-78048	6 INCH FIRE HYDRANT ASSEMBLY	EA	1	\$10,000.00	\$10,000.00	\$21,500.00	\$21,500.00
134	622-00000	SITE FURNISHINGS (INVERTED U BIKE RACK)	EA	4	\$1,000.00	\$4,000.00	\$1,950.00	\$7,800.00
135	622-00270	BOLLARD	EA	2	\$1,000.00	\$2,000.00	\$1,650.00	\$3,300.00
136	625-00000	CONSTRUCTION SURVEYING	LS	1	\$10,000.00	\$10,000.00	\$15,215.00	\$15,215.00
137	626-00000	MOBILIZATION	LS	1	\$12,000.00	\$12,000.00	\$41,000.00	\$41,000.00
138	627-00005	EPOXY PAVEMENT MARKING	GAL	8	\$225.00	\$1,800.00	\$350.00	\$2,800.00
139	627-30410	PREFORMED THERMOPLASTIC PAVEMENT MARKING (XWALK-STOPLINE)	SF	1156	\$18.00	\$20,808.00	\$11.00	\$12,716.00
140	629-01110	LOCATE MONUMENTS	HR	6	\$200.00	\$1,200.00	\$190.00	\$1,140.00
141	630-00003	UNIFORMED TRAFFIC CONTROL	HR	36	\$240.00	\$8,640.00	\$135.00	\$4,860.00
142	630-00008	CONSTRUCTION TRAFFIC CONTROL (SPECIAL)	LS	1	\$78,060.00	\$78,060.00	\$112,500.00	\$112,500.00
Schedule B - Fixed Price Section								
143	A/W 02	A/A Erosion Control	A/A	1	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00
144	A/W 03	A/A Environmental Health and Safety	A/A	1	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
Schedule B Subtotal							\$815,897.00	\$1,023,000.00
Engineer's Estimate of Base Bid Total:							\$2,373,312.00	
							BID ITEMS TOTAL AMOUNT	\$2,734,903.00
							TEXTURA FEE	\$5,850.00
							Base Bid Total plus Textura Fee	\$2,740,753.00

Mill Levy 23/Mill Levy 14 - Traffic Signal Upgrades (#7171637)

Contract No. 202055093

Period of Performance: 300 days

Sturgeon Electric Company, Inc.
Liberty Mutual Insurance
Company

Section Title	Line Item	Bid Item	Description	Units	Qty	Unit Cost	Total Cost	Unit Bid	Total Bid
Base Bid Items Total Amount (Schedule A - 202-00195 through 700-70589 (Seventy-six [76]) total bid items)									
	1	202-00195	REMOVAL OF MEDIAN COVER	SY	86	\$40.00	\$3,440.00	\$85.00	\$7,310.00
	2	202-00200	REMOVAL OF SIDEWALK	SY	400	\$30.00	\$12,000.00	\$43.00	\$17,200.00
	3	202-00203	REMOVAL OF CURB AND GUTTER	LF	1227	\$10.00	\$12,270.00	\$22.00	\$26,994.00
	4	202-00206	REMOVAL OF CONCRETE CURB RAMP	SY	193	\$40.00	\$7,720.00	\$55.00	\$10,615.00
	5	202-00220	REMOVAL OF ASPHALT MAT	SY	86	\$38.00	\$3,268.00	\$120.00	\$10,320.00
	6	202-00810	REMOVAL OF GROUND SIGN	EA	11	\$150.00	\$1,650.00	\$95.00	\$1,045.00
	7	202-00828	REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	LS	0.99	\$21,000.00	\$20,790.00	\$18,500.00	\$18,315.00
	8	203-01597	POTHOLING	EA	100	\$350.00	\$35,000.00	\$290.00	\$29,000.00
	9	208-00002	EROSION LOG (12 INCH)	LF	100	\$5.00	\$500.00	\$14.00	\$1,400.00
	10	208-00035	AGGREGATE BAG	LF	48	\$60.00	\$2,880.00	\$19.00	\$912.00
	11	208-00051	STORM DRAIN INLET PROTECTION (TYPE 1)	LF	48	\$20.00	\$960.00	\$19.00	\$912.00
	12	208-00103	REMOVAL AND DISPOSAL OF SEDIMENT (LABOR)	HR	48	\$55.00	\$2,640.00	\$75.00	\$3,600.00
	13	208-00105	REMOVAL AND DISPOSAL OF SEDIMENT (EQUIPMENT)	HR	48	\$110.00	\$5,280.00	\$95.00	\$4,560.00
	14	208-00106	SWEEPING (SEDIMENT REMOVAL)	HR	32	\$150.00	\$4,800.00	\$165.00	\$5,280.00
	15	208-00205	EROSION CONTROL SUPERVISOR	HR	48	\$90.00	\$4,320.00	\$100.00	\$4,800.00
	16	210-04010	ADJUST MANHOLE	EA	3	\$1,000.00	\$3,000.00	\$1,100.00	\$3,300.00
	17	210-04020	MODIFY INLET	EA	4	\$2,000.00	\$8,000.00	\$4,775.00	\$19,100.00
	18	210-04050	ADJUST VALVE BOX	EA	5	\$800.00	\$4,000.00	\$1,100.00	\$5,500.00
	19	212-00100	TREE RETENTION AND PROTECTION	EA	3	\$1,500.00	\$4,500.00	\$690.00	\$2,070.00
	20	403-00720	HOT MIX ASPHALT (PATCHING) (ASPHALT)	TON	64	\$350.00	\$22,400.00	\$200.00	\$12,800.00
	21	503-00018	DRILLED CAISSON (18 INCH)	LF	12	\$350.00	\$4,200.00	\$320.00	\$3,840.00
	22	503-00024	DRILLED CAISSON (24 INCH)	LF	21	\$450.00	\$9,450.00	\$340.00	\$7,140.00
	23	503	VACUUM CAISSON (36 INCH)	LF	80	\$500.00	\$40,000.00	\$550.00	\$44,000.00
	24	503-00036	DRILLED CAISSON (36 INCH)	LF	88	\$500.00	\$44,000.00	\$550.00	\$48,400.00
	25	503	VACUUM CAISSON (48 INCH)	LF	17	\$750.00	\$12,750.00	\$660.00	\$11,220.00
	26	503-00048	DRILLED CAISSON (48 INCH)	LF	17	\$750.00	\$12,750.00	\$660.00	\$11,220.00
	27	608-00006	CONCRETE SIDEWALK (6 INCH)	SY	520	\$70.00	\$36,400.00	\$96.00	\$49,920.00
	28	608-00010	CONCRETE CURB RAMP	SY	268	\$150.00	\$40,200.00	\$200.00	\$53,600.00
	29	609-21010	CURB AND GUTTER TYPE 2 (SECTION I-B)	LF	207	\$36.00	\$7,452.00	\$47.00	\$9,729.00
	30	609-21020	CURB AND GUTTER TYPE 2 (SECTION II-B)	LF	467	\$32.00	\$14,944.00	\$49.00	\$22,883.00
	31	610-00020	MEDIAN COVER MATERIAL (PATTERNED CONCRETE)	SF	1315	\$23.00	\$30,245.00	\$17.00	\$22,355.00
	32	613	ELECTRIC METER PEDESTAL CABINET AND BASE	EA	4	\$4,700.00	\$18,800.00	\$3,060.00	\$12,240.00
	33	613-00206	2 INCH ELECTRICAL CONDUIT (BORED)	LF	1480	\$20.00	\$29,600.00	\$26.50	\$39,220.00
	34	613-00306	3 INCH ELECTRICAL CONDUIT (BORED)	LF	3260	\$27.00	\$88,020.00	\$25.00	\$81,500.00
	35	613-07000	PULL BOX (SPECIAL)	EA	4	\$1,000.00	\$4,000.00	\$1,710.00	\$6,840.00
	36	613-10000	WIRING	LS	1	\$36,000.00	\$36,000.00	\$44,875.00	\$44,875.00
	37	613-13000	LUMINAIRE (LED)	EA	16	\$800.00	\$12,800.00	\$625.00	\$10,000.00
	38	614	TRAFFIC SIGNAL CONTROLLER AND CABINET	EA	4	\$16,400.00	\$65,600.00	\$22,700.00	\$90,800.00
	39	614	EMERGENCY VEHICLE TRAFFIC SIGNAL PRIORITY CONTROL SYSTEM	EA	4	\$7,600.00	\$30,400.00	\$13,400.00	\$53,600.00
	40	614	ETHERNET MANAGED SWITCH	EA	4	\$3,500.00	\$14,000.00	\$4,650.00	\$18,600.00
	41	614	INTERSECTION DETECTION SYSTEM (FLIR) (CAMERA)	EA	10	\$8,300.00	\$83,000.00	\$8,440.00	\$84,400.00
	42	614-00011	SIGN PANEL (CLASS I)	SF	182	\$34.00	\$6,188.00	\$38.00	\$6,916.00
	43	614-00012	SIGN PANEL (CLASS II)	SF	232	\$38.00	\$8,816.00	\$51.00	\$11,832.00
	44	614-00216	STEEL SIGN POST (2x2 INCH TUBING)	LF	66	\$18.00	\$1,188.00	\$35.00	\$2,310.00
	45	614-00218	STEEL SIGN POST (2.25x2.25 INCH TUBING)	LF	13	\$18.00	\$234.00	\$40.00	\$520.00
	46	614-70150	PEDESTRIAN SIGNAL FACE (16) (COUNTDOWN)	EA	26	\$650.00	\$16,900.00	\$690.00	\$17,940.00
	47	614-70336	TRAFFIC SIGNAL FACE (12-12-12)	EA	47	\$1,100.00	\$51,700.00	\$1,030.00	\$48,410.00
	48	614-70448	TRAFFIC SIGNAL FACE (12-12-12-12)	EA	10	\$1,150.00	\$11,500.00	\$1,255.00	\$12,550.00
	49	614-72860	PEDESTRIAN PUSH BUTTON	EA	19	\$250.00	\$4,750.00	\$370.00	\$7,030.00
	50	614-72863	PEDESTRIAN PUSH BUTTON POST ASSEMBLY	EA	7	\$2,000.00	\$14,000.00	\$1,040.00	\$7,280.00