

**PROJECT NAME: 104TH AND WASHINGTON TRAFFIC SIGNAL**

**PROJECT NUMBER: 22-104**

CITY OF THORNTON 9500 CIVIC CENTER DRIVE THORNTON COLORADO 80229		Surgeon Electric Company		Luminat8		Goodland Construction			
NUMBER	DESCRIPTION OF WORK	BID QUANTITIES	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
202-00010	TREE REMOVAL (GREATER THAN 12" TO 36")	1	EA	\$5,100.00	\$5,100.00	\$5,821.00	\$5,821.00	\$1,796.00	\$1,796.00
202-00195	REMOVAL OF MEDIAN COVER	99	SY	\$35.00	\$3,465.00	\$41.00	\$4,059.00	\$50.40	\$4,989.60
202-00203	REMOVAL OF CURB AND GUTTER	154	LF	\$34.00	\$5,236.00	\$33.00	\$5,082.00	\$18.30	\$2,818.20
202-00220	REMOVAL OF ASPHALT MAT	263	SY	\$30.00	\$7,890.00	\$8.00	\$2,104.00	\$42.30	\$11,124.90
202-00250	REMOVAL OF PAVEMENT MARKING	1834	SF	\$4.00	\$7,336.00	\$1.25	\$2,292.50	\$4.40	\$8,069.60
202-00810	REMOVAL OF GROUND SIGN	1	EA	\$300.00	\$300.00	\$126.00	\$126.00	\$125.00	\$125.00
203-01597	Potholing	80	HR	\$480.00	\$38,400.00	\$337.00	\$26,960.00	\$443.20	\$35,456.00
208-00012	EROSION LOG TYPE 1 (9 INCH)	415	LF	\$3.00	\$1,245.00	\$5.00	\$2,075.00	\$13.50	\$5,602.50
208-00035	AGGREGATE BAG	102	LF	\$7.50	\$765.00	\$9.00	\$918.00	\$33.50	\$3,417.00
208-00053	STORM DRAIN INLET PROTECTION (TYPE I)	4	EA	\$200.00	\$800.00	\$100.00	\$400.00	\$961.90	\$3,847.60
212-01200	LANDSCAPE RESTORATION	1	LS	\$3,000.00	\$3,000.00	\$4,985.00	\$4,985.00	\$2.30	\$2.30
214-00508	EVERGREEN TREE (8 FOOT) (BULB AND BLURB 2B)	1	EA	\$2,050.00	\$2,050.00	\$2,966.00	\$2,966.00	\$1,826.00	\$1,826.00
304-06007	AGGREGATE BASE COURSE (CLASS 6)	40	CY	\$70.00	\$2,800.00	\$97.00	\$3,880.00	\$112.80	\$4,512.00
403-33841	HOT MIX ASPHALT (GRADING S)(100) PG 64-22)	30	TON	\$300.00	\$9,000.00	\$227.00	\$6,810.00	\$369.40	\$11,082.00
403-34871	HOT MIX ASPHALT (GRADING SX)(100) PG 76-2A)	19	TON	\$350.00	\$6,650.00	\$266.00	\$5,054.00	\$618.40	\$11,749.60
503-00018	DRILLED SHAFT (18 INCH)	5	LF	\$355.00	\$1,775.00	\$602.00	\$3,010.00	\$1,829.60	\$9,148.00
503-00036	DRILLED SHAFT (36 INCH)	38	LF	\$550.00	\$20,900.00	\$820.00	\$31,160.00	\$1,164.50	\$44,251.00
503-00048	DRILLED SHAFT (48 INCH)	21	LF	\$650.00	\$13,650.00	\$943.00	\$19,803.00	\$1,732.70	\$36,386.70
607-11525	FENCE (PLASTIC)	40	LF	\$5.00	\$200.00	\$16.00	\$640.00	\$7.70	\$308.00
607-11580	FENCE (TEMPORARY)	205	LF	\$19.00	\$3,895.00	\$24.00	\$4,920.00	\$7.70	\$1,578.50
609-21010	CURB AND GUTTER TYPE 2 (SECTION I-B)	275	LF	\$55.00	\$15,125.00	\$44.00	\$12,100.00	\$73.00	\$20,075.00
610-00055	MEDIAN COVER MATERIAL (STONE)	1845	SF	\$4.00	\$7,380.00	\$25.50	\$47,047.50	\$8.70	\$16,051.50
613-00206	2 INCH ELECTRICAL CONDUIT (BORED)	267	LF	\$26.00	\$6,942.00	\$29.00	\$7,743.00	\$69.90	\$18,663.30
613-00306	3 INCH ELECTRICAL CONDUIT (BORED)	578	LF	\$29.00	\$16,762.00	\$30.00	\$17,340.00	\$50.40	\$29,131.20
613-01200	2 INCH ELECTRICAL CONDUIT (PLASTIC)	49	LF	\$73.00	\$3,577.00	\$68.00	\$3,332.00	\$260.40	\$12,759.60
613-01300	3 INCH ELECTRICAL CONDUIT (PLASTIC)	34	LF	\$74.00	\$2,516.00	\$106.00	\$3,604.00	\$365.00	\$12,410.00
613-07001	TYPE ONE PULL BOX	4	EA	\$1,200.00	\$4,800.00	\$1,432.00	\$5,728.00	\$1,380.70	\$5,522.80
613-07002	TYPE TWO PULL BOX	1	EA	\$1,600.00	\$1,600.00	\$2,061.00	\$2,061.00	\$1,698.00	\$1,698.00
613-10000	WIRING	1	LS	\$17,500.00	\$17,500.00	\$20,557.00	\$20,557.00	\$28,409.10	\$28,409.10
613-13000	LUMINAIRE	3	EA	\$1,100.00	\$3,300.00	\$868.00	\$2,604.00	\$869.40	\$2,608.20
613-80130	SERVICE METER CABINET	1	EA	\$12,000.00	\$12,000.00	\$9,019.00	\$9,019.00	\$13,176.20	\$13,176.20
614-00011	SIGN PANEL (CLASS 1)	55	SF	\$70.00	\$3,850.00	\$25.00	\$1,375.00	\$46.60	\$2,563.00

614-00214	STEEL SIGN POSTS (1.75 X 1.75 INCH TUBING)	33	LF							
				\$40.00	\$1,320.00	\$29.00	\$957.00	\$39.80	\$1,313.40	
614-10160	SIGNAL HEAD BACKPLATES	9	EA	\$250.00	\$2,250.00	\$151.00	\$1,359.00	\$176.20	\$1,585.80	
614-70150	PEDESTRIAN SIGNAL FACE (16) COUNTDOWN	2	EA	\$920.00	\$1,840.00	\$714.00	\$1,428.00	\$687.50	\$1,375.00	
614-70336	TRAFFIC SIGNAL FACE (12-12-12)	12	EA	\$1,500.00	\$18,000.00	\$1,089.00	\$13,068.00	\$966.00	\$11,592.00	
614-70448	TRAFFIC SIGNAL FACE (12-12-12-12)	2	EA	\$1,800.00	\$3,600.00	\$1,318.00	\$2,636.00	\$1,210.30	\$2,420.60	
614-72855	TRAFFIC SIGNAL CONTROLLER CABINET	1	EA	\$37,000.00	\$37,000.00	\$37,508.00	\$37,508.00	\$44,034.10	\$44,034.10	
614-72860	PEDESTRIAN PUSH BUTTON	2	EA	\$1,850.00	\$3,700.00	\$1,490.00	\$2,980.00	\$1,556.90	\$3,113.80	
614-72866	FIRE PREEMPTION UNIT AND TIMER	2	EA	\$4,000.00	\$8,000.00	\$5,964.00	\$11,928.00	\$3,784.10	\$7,568.20	
614-72886	INTERSECTION DETECTION SYSTEM (CAM/FRA)	3	EA	\$13,600.00	\$40,800.00	\$13,726.00	\$41,178.00	\$14,630.70	\$43,892.10	
614-81135	TRAFFIC SIGNAL - LIGHT POLE STEEL (1 - 35 FOOT MAST ARM)	1	EA	\$23,000.00	\$23,000.00	\$22,283.00	\$22,283.00	\$26,579.60	\$26,579.60	
614-81155	TRAFFIC SIGNAL - LIGHT POLE STEEL (1 - 55 FOOT MAST ARM)	1	EA	\$27,500.00	\$27,500.00	\$27,183.00	\$27,183.00	\$32,835.30	\$32,835.30	
614-81165	TRAFFIC SIGNAL - LIGHT POLE STEEL (1 - 65 FOOT MAST ARM)	1	EA	\$41,000.00	\$41,000.00	\$42,253.00	\$42,253.00	\$49,494.40	\$49,494.40	
614-84000	TRAFFIC SIGNAL PEDESTAL POLE STEEL	1	EA	\$3,050.00	\$3,050.00	\$2,292.00	\$2,292.00	\$3,744.40	\$3,744.40	
614-86105	TELEMETRY (FIELD)	1	EA	\$7,250.00	\$7,250.00	\$9,588.00	\$9,588.00	\$3,977.30	\$3,977.30	
614-86238	TRAFFIC SIGNAL CONTROLLER (SOLID STATE) (FULLY-ACTUATED) (8 PHASE)	1	EA	\$6,100.00	\$6,100.00	\$5,049.00	\$5,049.00	\$5,221.60	\$5,221.60	
620-00020	SANITARY FACILITY	1	EA	\$1,350.00	\$1,350.00	\$813.00	\$813.00	\$3,977.30	\$3,977.30	
625-00001	CONSTRUCTION SURVEYING	16	hr	\$850.00	\$13,600.00	\$825.00	\$13,200.00	\$233.00	\$3,728.00	
626-00000	MOBILIZATION	1	LS	\$44,700.00	\$44,700.00	\$65,231.00	\$65,231.00	\$27,642.62	\$27,642.62	
627-00035	EPOXY PAVEMENT MARKING	8	GA L	\$625.00	\$5,000.00	\$746.00	\$5,968.00	\$423.30	\$3,386.40	
627-30405	PREFORMED THERMOPLASTIC PAVEMENT MARKING	135	SF	\$24.00	\$3,240.00	\$21.00	\$2,835.00	\$36.50	\$4,927.50	
627-30410	PREFORMED THERMOPLASTIC PAVEMENT MARKING	682	SF	\$19.00	\$12,958.00	\$22.00	\$15,004.00	\$25.20	\$17,186.40	
630-00000	FLAGGING	240	HR	\$48.50	\$11,640.00	\$52.00	\$12,480.00	\$41.00	\$9,840.00	
630-00007	TRAFFIC CONTROL INSPECTION	60		\$270.00	\$16,200.00	\$97.00	\$5,820.00	\$341.00	\$20,460.00	
630-00012	TRAFFIC CONTROL MANAGEMENT	30		\$1,500.00	\$45,000.00	\$1,168.00	\$35,040.00	\$1,573.30	\$47,199.00	
630-80341	CONSTRUCTION TRAFFIC SIGN PANEL (SIZE A)	2	EA	\$60.00	\$120.00	\$13.00	\$26.00	\$56.90	\$113.80	
630-80342	CONSTRUCTION TRAFFIC SIGN PANEL (SIZE B)	22	EA	\$65.00	\$1,430.00	\$26.00	\$572.00	\$56.90	\$1,251.80	
630-80355	PORTABLE MESSAGE SIGN PANEL	2	EA	\$4,300.00	\$8,600.00	\$3,244.00	\$6,488.00	\$4,431.90	\$8,863.80	
630-80358	ADVANCE WARNING FLASHING OR SEQUENCING ARROW	2	EA	\$1,300.00	\$2,600.00	\$779.00	\$1,558.00	\$1,818.20	\$3,636.40	
630-80360	DRUM CHANNELIZING DEVICE	15	EA	\$54.00	\$810.00	\$26.00	\$390.00	\$79.60	\$1,194.00	
630-80380	TRAFFIC CONE	90	EA	\$11.00	\$990.00	\$6.00	\$540.00	\$10.30	\$927.00	
FIA 01	MINOR CONTRACT REVISIONS	1	LS	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	
FIA 02	ON-THE-JOB TRAINEE	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	
FIA 03	ENVIRONMENTAL HEALTH & SAFETY MANAGEMENT	1	LS	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	

**TOTAL: \$649,957.00 \$680,731.00 \$781,740.02**