



New Traffic Signals-Broadway Road and Country Club Way

Project No. 6906201A

Base Bid

Item No.	Item Name	Quantity	Unit	Eng. Est.	B & F CONTRACTING, INC	KIMBELL ELECTRIC, INC	CONTRACTORS WEST, INC
				Unit Cost			
				Total Cost			
1	Construction Survey	1	LS	\$1,500.00	\$1,277.19	\$2,656.75	\$12,295.00
				\$1,500.00	\$1,277.19	\$2,656.75	\$12,295.00
2	Construction Surveying and As-Builts	1	AL	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
				\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
3	Permits and Fees	1	AL	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
				\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
4	Mobilization/Demobilization	1	LS	\$5,000.00	\$2,687.64	\$5,313.50	\$59,000.00
				\$5,000.00	\$2,687.64	\$5,313.50	\$59,000.00
5	Subgrade Preparation	15	SY	\$108.00	\$141.67	\$127.52	\$136.00
				\$1,620.00	\$2,125.05	\$1,912.80	\$2,040.00
6	Curb and Gutter per MAG Standard Detail 220-1	131	LF	\$38.00	\$24.32	\$42.50	\$34.15
				\$4,978.00	\$3,185.92	\$5,567.50	\$4,473.65
7	Concrete Sidewalk Ramp, Detail A	1	EA	\$4,000.00	\$5,328.20	\$9,564.30	\$6,144.00
				\$4,000.00	\$5,328.20	\$9,564.30	\$6,144.00
8	Concrete Sidewalk Ramp, Detail B	1	EA	\$4,000.00	\$5,328.20	\$9,564.30	\$6,145.00
				\$4,000.00	\$5,328.20	\$9,564.30	\$6,145.00
9	Concrete Sidewalk Ramp, Detail C	1	EA	\$4,000.00	\$5,328.20	\$9,564.30	\$6,146.00
				\$4,000.00	\$5,328.20	\$9,564.30	\$6,146.00
10	Concrete Sidewalk Ramp, Detail D	1	EA	\$4,000.00	\$5,328.20	\$9,564.30	\$6,147.00
				\$4,000.00	\$5,328.20	\$9,564.30	\$6,147.00
11	Truncated Domes for Sidewalk Ramps per COT Detail T-329	8	EA	\$250.00	\$663.18	\$265.68	\$410.00
				\$2,000.00	\$5,305.44	\$2,125.44	\$3,280.00

12	Remove Sidewalk, Ramps or Misc. Concrete	110	SF	\$15.00 \$1,650.00	\$66.06 \$7,266.60	\$6.37 \$700.70	\$20.50 \$2,255.00
13	Pavement Marking Thermoplastic Based Paint 90 mil. (Yellow)	620	LF	\$3.50 \$2,170.00	\$1.78 \$1,103.60	\$7.43 \$4,606.60	\$6.85 \$4,247.00
14	Pavement Marking Thermoplastic Based Paint 90 Mil. (White)	220	LF	\$3.50 \$770.00	\$5.02 \$1,104.40	\$7.43 \$1,634.60	\$6.85 \$1,507.00
15	Pavment Marking (Transverse)	740	LF	\$5.50 \$4,070.00	\$1.49 \$1,102.60	\$9.56 \$7,074.40	\$9.50 \$7,030.00
16	Pavement Arrow Symbol	2	EA	\$650.00 \$1,300.00	\$552.65 \$1,105.30	\$265.67 \$531.34	\$250.00 \$500.00
17	Raised Pavement Markers-Type D	31	EA	\$8.00 \$248.00	\$35.65 \$1,105.15	\$15.94 \$494.14	\$13.65 \$423.15
18	Raised Pavement Markers-Type G	11	EA	\$8.00 \$88.00	\$100.49 \$1,105.39	\$15.94 \$175.34	\$13.65 \$150.15
19	Sign Panel with Type XI Sheeting (Regulatory, Warn or Marker)	13	SF	\$35.00 \$455.00	\$85.02 \$1,105.26	\$21.25 \$276.25	\$23.50 \$305.50
20	Sign Post (2" Square Perforated)	48	LF	\$12.00 \$576.00	\$23.03 \$1,105.44	\$22.31 \$1,070.88	\$11.50 \$552.00
21	Foundation (2" Square Perforated Post)	3	EA	\$125.00 \$375.00	\$368.43 \$1,105.29	\$239.10 \$717.30	\$235.00 \$705.00
22	Remove Sign, Post and Foundation	1	LS	\$1,100.00 \$1,100.00	\$1,105.29 \$1,105.29	\$106.27 \$106.27	\$1,170.00 \$1,170.00
23	Obliterate Existing Pavement Marking	1	LS	\$250.00 \$250.00	\$1,105.29 \$1,105.29	\$7,651.44 \$7,651.44	\$4,095.00 \$4,095.00
24	Remove and Salvage Street Light Pole	2	EA	\$1,500.00 \$3,000.00	\$1,214.43 \$2,428.86	\$797.02 \$1,594.04	\$1,025.00 \$2,050.00
25	Remove Pull Box	4	EA	\$250.00 \$1,000.00	\$422.41 \$1,689.64	\$79.70 \$318.80	\$108.00 \$432.00
26	Pole Foundation (Tempe Modular 30' and 40' Mast Arm) T-571	4	EA	\$9,500.00 \$38,000.00	\$10,684.53 \$42,738.12	\$28,029.77 \$112,119.08	\$14,210.00 \$56,840.00
27	Pole Foundation (ADOT, Type A) (T.S. 4-1)	3	EA	\$1,500.00 \$4,500.00	\$5,100.84 \$15,302.52	\$2,094.58 \$6,283.74	\$790.00 \$2,370.00
28	Electrical Conduit (2") (PVC)	200	LF	\$20.00 \$4,000.00	\$18.47 \$3,694.00	\$24.44 \$4,888.00	\$16.00 \$3,200.00

29	Electrical Conduit (2.5") (PVC)	100	LF	\$70.00 \$7,000.00	\$58.63 \$5,863.00	\$26.56 \$2,656.00	\$26.50 \$2,650.00
30	Electrical Conduit (1-2" and 2-3") (PVC)	275	LF	\$75.00 \$20,625.00	\$56.84 \$15,631.00	\$74.39 \$20,457.25	\$74.00 \$20,350.00
31	Traffic Signal Conductors and Cables (In Conduit)	1	LS	\$12,000.00 \$12,000.00	\$13,109.04 \$13,109.04	\$1,944.74 \$1,944.74	\$16,425.00 \$16,425.00
32	Pull Box No. 7	3	EA	\$1,500.00 \$4,500.00	\$817.72 \$2,453.16	\$573.86 \$1,721.58	\$825.00 \$2,475.00
33	Pull Box No. 7 (with Extension)	1	EA	\$2,000.00 \$2,000.00	\$852.51 \$852.51	\$680.13 \$680.13	\$1,125.00 \$1,125.00
34	Traffic Signal Face (Type F) (12")	16	EA	\$550.00 \$8,800.00	\$632.74 \$10,123.84	\$733.26 \$11,732.16	\$862.00 \$13,792.00
35	Traffic Signal Face (Pedestrian) (Man/Hand) (Countdown)	8	EA	\$600.00 \$4,800.00	\$592.79 \$4,742.32	\$837.41 \$6,699.28	\$810.00 \$6,480.00
36	Pedestrian Push Button	4	EA	\$650.00 \$2,600.00	\$436.63 \$1,746.52	\$265.67 \$1,062.68	\$1,233.00 \$4,932.00
37	55" Pedestrian Push Button Pole	1	EA	\$125.00 \$125.00	\$1,168.27 \$1,168.27	\$1,062.70 \$1,062.70	\$148.00 \$148.00
38	Traffic Signal Controller Cabinet (NEMA) (TS2) (Type 1) (Size 6)	1	EA	\$30,000.00 \$30,000.00	\$25,458.33 \$25,458.33	\$39,744.98 \$39,744.98	\$38,867.00 \$38,867.00
39	Traffic Signal Controller Cabinet Foundation	1	EA	\$2,500.00 \$2,500.00	\$2,969.67 \$2,969.67	\$2,040.38 \$2,040.38	\$995.00 \$995.00
40	Electrical Service Pedestal Cabinet	1	EA	\$6,500.00 \$6,500.00	\$3,137.49 \$3,137.49	\$3,825.72 \$3,825.72	\$3,633.00 \$3,633.00
41	Electrical Service Cabinet Foundation	1	EA	\$1,500.00 \$1,500.00	\$1,992.99 \$1,992.99	\$828.90 \$828.90	\$667.00 \$667.00
42	ITS Plus Video Detection System (with all Components and Cables)	1	EA	\$25,000.00 \$25,000.00	\$12,487.76 \$12,487.76	\$29,574.94 \$29,574.94	\$18,200.00 \$18,200.00
43	Luminaire (LED) (GE EALS/03/0/K3/AW/7/40/N/A/C1/DKBZ/LVR)	3	EA	\$800.00 \$2,400.00	\$1,003.26 \$3,009.78	\$1,519.66 \$4,558.98	\$1,669.00 \$5,007.00
44	Global Traffic Technologies Opticom Sensors (Model 711)	1	EA	\$6,500.00 \$6,500.00	\$9,167.02 \$9,167.02	\$9,992.56 \$9,992.56	\$12,245.00 \$12,245.00
45	Internally Illuminated Street Name Sign (2-Sided, LED)	4	EA	\$6,000.00 \$24,000.00	\$7,818.99 \$31,275.96	\$8,235.92 \$32,943.68	\$9,910.00 \$39,640.00

46	Wireless Radio	1	EA	\$5,500.00	\$3,559.04	\$3,719.45	\$3,554.00
				\$5,500.00	\$3,559.04	\$3,719.45	\$3,554.00
47	Ethernet Switch	1	EA	\$3,000.00	\$1,410.30	\$2,183.84	\$1,800.00
				\$3,000.00	\$1,410.30	\$2,183.84	\$1,800.00
48	CCTV System (Axis Q6055-E with all Components and CAT 5E Gel-filled Cables)	1	EA	\$6,500.00	\$5,810.68	\$6,349.63	\$5,196.00
				\$6,500.00	\$5,810.68	\$6,349.63	\$5,196.00
49	Establish Power Service	1	LS	\$3,500.00	\$605.28	\$2,656.75	\$7,500.00
				\$3,500.00	\$605.28	\$2,656.75	\$7,500.00
50	Traffic Control	1	AL	\$33,917.26	\$33,917.26	\$33,917.26	\$33,917.26
				\$33,917.26	\$33,917.26	\$33,917.26	\$33,917.26
51	Law Enforcement Officers	1	AL	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
				\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
52	Pothole	1	AL	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
				\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00
			Total Base Bid:	\$326,917.26	\$330,658.01	\$445,429.70	\$452,100.71