

RFB No.: 22-23-64

Project Name: Traffic Signal Interconnect Along Ben Maddox Way and Tulare Avenue

Project No.: 2410-72000/CP0460-999

Item No.	Description	Quantity	Units	A-C Electric Company		Power Design Electric	
				Unit Cost	Total	Unit Cost	Total
1	Furnish and Install 3" Schedule 80 Conduit	9,475	LF	\$61.00	\$577,975.00	\$70.05	\$663,723.75
2	Furnish and Install 144-Strand SMFO Cable	7,700	LF	\$4.90	\$37,730.00	\$10.12	\$77,924.00
3	Furnish and Install 48-Strand SMFO Cable	18,800	LF	\$2.25	\$42,300.00	\$7.80	\$146,640.00
4	Furnish and Install 12-Strand SMFO Branch Cable	3,500	LF	\$1.90	\$6,650.00	\$9.11	\$31,885.00
5	Furnish and Install Tracer Wire	12,100	LF	\$1.10	\$13,310.00	\$1.27	\$15,367.00
6	Furnish and Install No. 6E Pull Box	8	EA	\$4,575.00	\$36,600.00	\$1,417.50	\$11,340.00
7	Replace Existing Pull Box with No. 6E Pull Box	8	EA	\$5,250.00	\$42,000.00	\$1,775.00	\$14,200.00
8	Furnish and Install Fiber Optic Vault with grounding rod	14	EA	\$5,725.00	\$80,150.00	\$5,403.00	\$75,642.00
9	Replace Existing Pull Box with Fiber Optic Vault with grounding rod	1	EA	\$7,100.00	\$7,100.00	\$6,436.00	\$6,436.00
10	Furnish and Install Extension Cabinet	2	EA	\$4,075.00	\$8,150.00	\$5,515.00	\$11,030.00
11	Furnish and Install Ethernet Switch	7	EA	\$1,950.00	\$13,650.00	\$2,824.72	\$19,773.04
12	Furnish and Install Fiber Termination Panel	7	EA	\$510.00	\$3,570.00	\$2,434.00	\$17,038.00
13	Furnish and Install 19" Rack-Mounted Shelf	7	EA	\$580.00	\$4,060.00	\$354.00	\$2,478.00
14	2070LX Controller	7	EA	\$7,750.00	\$54,250.00	\$138.00	\$966.00
15	Furnish and Install Fiber Patch Cords	1	LS	\$455.00	\$455.00	\$2,194.00	\$2,194.00
16	Furnish and Install Splice Closure	7	EA	\$1,300.00	\$9,100.00	\$6,286.00	\$44,002.00
17	Remove Existing Signal Interconnect Cable	2100	LS	\$0.75	\$1,575.00	\$2.10	\$4,410.00
18	Fiber Splicing	304	EA	\$83.00	\$25,232.00	\$96.00	\$29,184.00
19	Fiber Testing	1	LS	\$24,700.00	\$24,700.00	\$59,700.00	\$59,700.00
20	Pothole Existing Utilities	1	LS	\$205,600.00	\$205,600.00	\$139,636.00	\$139,636.00
21	Furnish and Install Traffic Monitoring Camera (CCTV)	7	EA	\$7,325.00	\$51,275.00	\$9,076.00	\$63,532.00
22	Mobilization & Demobilization	1	LS	\$70,000.00	\$70,000.00	\$59,500.00	\$59,500.00
23	Traffic Control	1	LS	\$125,000.00	\$125,000.00	\$124,150.00	\$124,150.00
24	Miscellaneous Concrete	1	LS	\$5,000.00	\$5,000.00	\$51,965.00	\$51,965.00
25	Repair of Existing Rigid Conduit	100	LF	\$20.00	\$2,000.00	\$250.00	\$25,000.00
Lump Sum Total:				\$1,447,432.00		\$1,697,715.79	