

City of San Buenaventura Traffic Signal Communications System Upgrade Project # 91149 Specification # 2020-022 Plans # 2020-D-022 Bids Received: 7/6/2023				Engineer's Estimate		1 Taft Electric Company 1694 Eastman Ave. Ventura, CA 93003 Phone: (805)642-0121 Lic # 772245	
Item No.	Description	Qty.	Unit	Unit Cost (\$)	Total (\$)	Unit Cost (\$)	Total (\$)
(a) HSIPSL-5026 (068)							
1	Mobilization	1	LS	\$250,000	250,000.00	361,000.00	361,000.00
2	Traffic Control	1	LS	\$140,000	140,000.00	229,500.00	229,500.00
3	Furnish and Install 432-Strand SMFO Trunk Cable	136,300	LF	\$5.00	681,500.00	11.51	1,568,813.00
4	Furnish and Install 432-Strand SMFO Trunk (Spur) Cable	86,900	LF	\$5.00	434,500.00	11.51	1,000,219.00
5	Furnish and Install 48-Strand SMFO Branch (Field Hub) Cable	200	LF	\$4.00	800.00	3.51	702.00
6	Furnish and Install 12-Strand SMFO Branch Cable	9,200	LF	\$3.50	32,200.00	3.16	29,072.00
7	Furnish and Install 1 Way Microduct	182,400	LF	\$0.50	91,200.00	2.76	503,424.00
8	Furnish and Install 2 Way Microduct	19,300	LF	\$0.75	14,475.00	4.35	83,955.00
9	Furnish and Install 3 Way Microduct	2,600	LF	\$1.00	2,600.00	4.82	12,532.00
10	Furnish and Install Tracer Wire	208,200	LF	\$1.00	208,200.00	0.80	166,560.00
11	Furnish and Install 3" Schedule 80 HDPE Conduit	95,400	LF	\$28	2,671,200.00	61.89	5,904,306.00
12	Furnish and Install 4" Schedule 80 HDPE Conduit	100	LF	\$35	3,500.00	232.40	23,240.00
13	Furnish and Install 3" Galvanized Rigid Steel Conduit	200	LF	\$45	9,000.00	135.98	27,196.00
14	Furnish and Install Conduit on Side of Public Works Yard	1	LS	\$5,000	5,000.00	52,441.00	52,441.00
15	Remove Existing SIC	143,500	LF	\$0.50	71,750.00	2.21	317,135.00
16	Furnish and Install #6 Service Wires	2,200	LF	\$2	4,400.00	3.07	6,754.00
17	Furnish and Install No. 6E Pull Box	74	EA	\$625	46,250.00	3,318.00	245,532.00
18	Replace Existing Pull Box with New No. 6E Pull Box	279	EA	\$700	195,300.00	3,321.00	926,559.00
19	Furnish and Install No. 6E(T) Pull Box	3	EA	\$500	1,500.00	3,371.00	10,113.00
20	Replace Existing Pull Box with New No. 6E(T) Pull Box	1	EA	\$1,000	1,000.00	3,922.00	3,922.00
21	Furnish and Install C48 Splice Vault	133	EA	\$1,600	212,800.00	4,991.00	663,803.00
22	Replace Existing Pull Box with New C48 Splice Vault	7	EA	\$8,000	56,000.00	5,647.00	39,529.00
23	Furnish and Install Splice Closure	139	EA	\$1,200	166,800.00	1,066.00	148,174.00
24	Fiber Splicing/Terminations (per Intersection)	139	EA	\$500	69,500.00	1,414.00	196,546.00
25	Fiber Splicing/Terminations (per Hub)	7	EA	\$5,000	35,000.00	4,392.00	30,744.00
26	Furnish and Install 12-Port Fiber Termination Panel	134	EA	\$1,500	201,000.00	1,205.00	161,470.00
27	Furnish and Install 144-Port Fiber Distribution Unit	9	EA	\$4,000	36,000.00	3,744.00	33,696.00
28	Furnish and Install 30A I.P. Circuit Breaker	5	EA	\$500	2,500.00	500.80	2,504.00
29	Furnish and Install PTZ CCTV Camera (Housing, Assembly, Powe	15	EA	\$5,000	75,000.00	10,924.20	163,863.00
30	Remove and Salvage Existing Wireless Antenna and Radio (Assen	4	EA	\$502	2,008.00	669.50	2,678.00
31	Furnish and Install Wireless Antenna and Radio (Assembly, Cablin	4	EA	\$2,000	8,000.00	8,407.50	33,630.00
32	Furnish and Install Traffic Signal Central System	1	LS	\$200,000	200,000.00	299,862.00	299,862.00
33	Furnish and Install Traffic Monitor	1	LS	\$5,000	5,000.00	15,262.00	15,262.00
34	Furnish and Install Temporary Communications System	1	LS	\$30,000	30,000.00	118,774.00	118,774.00
35	Systems Acceptance Testing	1	LS	\$40,000	40,000.00	256,987.00	256,987.00
				(a) Total:	6,003,983.00	13,640,497.00	
(b) HSIPSL - 5026 (069)							
1	Mobilization	1	LS	\$50,000	50,000.00	47,500.00	47,500.00
2	Traffic Control	1	LS	\$25,000	25,000.00	16,700.00	16,700.00
26	Remove Existing Controller and Replace with New ATC eX FLcX	117	EA	\$5,000	585,000.00	7,809.00	913,653.00
27	Remove Existing Controller and Replace with New 2070LX Contr	19	EA	\$5,000	95,000.00	7,995.00	151,905.00
28	Furnish and Install 2010ECL Signal Monitor	136	EA	\$1,000	136,000.00	1,471.00	200,056.00
29	Furnish and Install Ethernet Fiber Switch	136	EA	\$3,200	435,200.00	4,070.00	553,520.00
30	Furnish and Install Type 334L Field Hub Cabinet	5	EA	\$10,000	50,000.00	17,632.40	88,162.00
31	Furnish and Install Battery Backup System Controller and Cabinet	5	EA	\$3,000	15,000.00	13,581.20	67,906.00
32	Furnish and Install Ethernet Hub Switch	7	EA	\$15,000	105,000.00	27,525.00	192,675.00
				(b) Total:	1,496,200.00	2,232,077.00	
				Grand Total (a) + (b) =	7,500,183.00	15,872,574.00	