

<div><div><div>JLB</div><div>TRAFFIC</div><div>ENGINEERING, INC.</div></div><div></div></div>										Fiber Optic Cable Interconnect Improvements	
Ben Maddox Avenue, Demaree Street, Houston Avenue, Mooney Boulevard and Goshen Avenue										City of Visalia	
										June 30, 2022	
TASK and LABOR COSTS	JLB Traffic Engineering, Inc.									SUBTOTAL HOURS	COSTS
	Overall Project Manager	Engineer I/II	Engineer I/II	Engineer I/II	Engineer I/II	Engineering Aide	Engineering Tech.	Engineering Tech.			
	Staff Member	J. Benavides	J. Alcazar	M. Arndt	J. Rios	C. Ayala-Magana	A. Benavides	C. Sanchez	D. Wynn		
Hourly Rate	\$ 185.99	\$ 84.82	\$ 84.82	\$ 83.50	\$ 82.29	\$ 54.45	\$ 43.56	\$ 67.77			
Task 1. Meetings & Project Management											
1.1 through 1.4 Project Kick-off, Preliminary Design, and Plan Check Meetings	16.0	-	-	16.0	-	-	-	-	32.0	4,311.84	
1.1.1 Prepare Meeting Minutes	3.0	-	-	8.0	-	-	-	-	11.0	1,225.97	
1.2 Project Management	16.0	-	-	24.0	20.0	-	-	-	60.0	6,625.64	
Task 2.Topographic Survey (Prepared by City Staff)											
2.1 Topographic Survey Verification	2.0	-	-	4.0	-	-	-	-	6.0	705.98	
Task 3. Signal Interconnect Plans											
3.1 Data Gathering	4.0	-	-	12.0	8.0	2.0	2.0	-	28.0	2,600.30	
3.2.1 Utility Coordination & 50% Utility Plans	4.0	12.0	80.0	2.0	2.0	40.0	-	-	140.0	11,056.98	
3.2.2 Utility Coordination & Final Utility Plans	4.0	10.0	20.0	2.0	2.0	-	-	-	38.0	3,620.14	
3.3.1 50% Signal Interconnect Improvement & Demolition Plans	24.0	8.0	8.0	115.0	107.0	60.0	60.0	20.0	402.0	31,464.41	
3.3.2 50% Signal Interconnect Fiber Routing & Splicing Details	6.0	4.0	4.0	20.0	4.0	16.0	16.0	-	70.0	5,361.82	
3.3.3 50% Signal Interconnect Construction Details	2.0	2.0	2.0	8.0	4.0	8.0	8.0	-	34.0	2,492.50	
3.4.1 90% Signal Interconnect Improvement & Demolition Plans	8.0	8.0	8.0	46.0	39.0	12.0	12.0	16.0	149.0	12,155.79	
3.4.2 90% Signal Interconnect Fiber Routing & Splicing Details	5.0	3.0	3.0	11.0	3.0	8.0	8.0	-	41.0	3,388.32	
3.4.3 90% Signal Interconnect Construction Details	1.0	1.0	1.0	5.0	3.0	4.0	4.0	-	19.0	1,412.04	
3.5.1 100% Signal Interconnect Improvement & Demolition Plans	3.0	3.0	3.0	21.0	20.0	7.0	7.0	8.0	72.0	5,694.42	
3.5.2 100% Signal Interconnect Fiber Routing & Splicing Details	2.0	2.0	2.0	6.0	2.0	4.0	4.0	-	22.0	1,768.88	
3.5.3 100% Signal Interconnect Construction Details	1.0	1.0	1.0	2.0	2.0	2.0	2.0	-	11.0	883.23	
3.6.1 Final Signal Interconnect Improvement & Demolition Plans	2.0	2.0	2.0	11.0	9.0	4.0	4.0	4.0	38.0	3,033.49	
3.6.2 Final Signal Interconnect Fiber Routing & Splicing Details	1.0	1.0	1.0	3.0	1.0	2.0	2.0	-	11.0	884.44	
3.6.3 Final Signal Interconnect Construction Details	1.0	1.0	1.0	2.0	1.0	1.0	1.0	-	8.0	702.93	
Task 4. Project Specifications and Cost Estimate											
4.1 50% Specifications and Cost Estimate	4	20	20	-	8	-	-	-	52.0	4,795.08	
4.2 90% Specifications and Cost Estimate	3	12	12	-	6	-	-	-	33.0	3,087.39	
4.3 100% Specifications and Cost Estimate	2	3	3	-	2	-	-	-	10.0	1,045.48	
4.4 Final Specifications and Cost Estimate	1	2	2	-	1	-	-	-	6.0	607.56	
Task 5. Deliverables (fee for the Majority of the Deliverables is included in Tasks 1, 2, 3, 4 and 6)											
5.1 Prepare As-Built Plans	11	-	-	20	19	12	12	-	74.0	6,455.52	
Task 6. Project Schedule											
6.1 Update Schedule	2	-	-	-	3	5	-	-	10.00	891.10	
Task 7. Bidding and Construction Phase Services (Optional Service No. 1)											
7.1 Bidding and Construction Phase Services (Optional Service No. 1)	12	2	2	20	16	4	4	-	60.00	5,949.84	
Subtotal Labor Hours by Consultant	140.0	97.0	175.0	358.0	282.0	191.0	146.0	48.0	1,437.0		
Percent of Labor Hours by Staff Person	9.74%	6.75%	12.18%	24.91%	19.62%	13.29%	10.16%	3.34%	100.00%		
											122,221.09
OTHER DIRECT COSTS	Quantity		Unit Cost					Cost			
Mileage (both prime and Subconsultant)	1100	0.625					\$ 687.50			687.50	
TOTAL REIMBURSABLE/DIRECT	\$ 687.50								\$ 687.50		
	Total Base Fee With Optional Services								\$ 122,908.59		
	Optional Services								\$ 5,949.84		
	Total Base Fee Without Optional Services								\$ 116,958.75		