



*Proposal for Engineering Design Services
City of San Luis
Juan Sanchez Blvd - Merrill Avenue to Main Street Paving Project*

Prepared by: James Davey and Associates, Inc.

March 1, 2017

Item	Description	Principal Engineer	Project Engineer	Engineering Technician	Survey Crew	Direct Costs	Comments
<u>DESIGN PHASE SERVICES</u>							
1	Project Management & Meetings	9	3				
2	Establish Control and Field Topo Survey	1	2		16		Approx. 2250 LF of Roadway
3	Prepare Survey Base Sheets	5 Sheets	11 Hrs/Sheet	3	10	40	
4	Geotechnical Report					\$2,000	Subcontracted to NEI Geotechnical. 3 to 4 borings at 5' depth with pavement design.
5	Prepare Design Plans						
	Cover Sheet	1 Sheet	6 Hrs/Sheet		1	5	
	Roadway Plan and Profiles - 20 Scale	5 Sheets	22 Hrs/Sheet	5	25	80	
	Intersection Detail Sheets	2 Sheet	18 Hrs/Sheet	2	10	24	Mesa Street and SL Plaza Drive Intersections
	Sewer Force Main Sheet	1 Sheet	20 Hrs/Sheet	1	8	11	Repairs to LS #3 Force Main
	General Sheets/Standard Details	2 Sheets	9 Hrs/Sheet		2	16	
	Special Details	1 Sheet	21 Hrs/Sheet		5	16	
6	Prepare Special Conditions	1	8				
7	Prepare Quantities and Bid Schedule	1	8				
Total Estimated Hours		23	82	192	16	---	
Hourly Rates		\$140	\$120	\$80	\$160	---	
Subtotals		\$3,220	\$9,840	\$15,360	\$2,560	\$2,000	
TOTAL FEE ESTIMATE						\$32,980	