



*Proposal for Engineering Services
City of San Luis
Lakin Drive Reconstruction Project*

Prepared by: James Davey and Associates, Inc.

Revised September 21, 2015

Item	Description	Principal Engineer	Project Engineer	Engineering Technician	Survey Crew	Direct Costs	Comments
<u>DESIGN PHASE SERVICES</u>							
1	Project Management	2					
2	Establish Control and Field Topo Survey	1	2		12		
3	Prepare Survey Base Sheets	5 Sheets	6 Hrs/Sheet	4	5	20	
4	Utility Coordination/Conflict Resolution, Submittals to Utilities	1	3				Potholing Costs Not Included - Assumed by City of San Luis Utility Crews if needed.
5	Geotechnical Report					\$2,700	To be subcontracted to GTS. Includes pavement design and trench backfill recommendations.
6	Prepare Design Plans						
	Cover Sheet	1 Sheet	5 Hrs/Sheet	1	4		
	Roadway Plan and Profiles - 20 Scale	2 Sheets	18 Hrs/Sheet	2	10	24	
	Roadway Plan and Profiles - 40 Scale	2 Sheets	18 Hrs/Sheet	2	10	24	20 Scale sheets used for detailed roadway and sewer plans. 40 scale sheets used for sheets that are pavement removal and replacement only.
	Sewer Plan and Profile Sheet	1 Sheet	18 Hrs/Sheet	1	5	12	
	General Sheets/Standard Details	1 Sheet	8 Hrs/Sheet	2	6		
	Special Details	1 Sheet	16 Hrs/Sheet	1	3	12	
7	Prepare Special Conditions	1	6				
8	Quantities and Bid Schedule	1	8				
9	Submittal Review Meetings - 30%, 90% and Final	3	3				
<u>CONSTRUCTION PHASE SERVICES</u>							
1	Project Management	4					
2	Bidding Assistance	4	28				Includes Assisting with Advertizing Proejct, Pre-Bid Meeting, Answering Contractor Questions During Bidding, Bid Opening
3	Construction Inspection and Administration	8	96				Based on 90 Calendar Day Construction Period/about 65 working days with about 30 site inspections (2.5 hours/visit). Also includes Submittal Reviews, Preconstruction Conference, Meetings during Construction, Final Inspection, Pay Estimate Preparations, Project Closeout
4	Construction Staking		2		14		Stake roadway and sewer line improvements.
5	Soils and Material Testing		4			\$4,200	To be subcontracted to GTS. Includes field reviews of unsuitable soils.
Total Estimated Hours		35	188	102	26	---	
Hourly Rates		\$140	\$120	\$80	\$160	---	
Subtotals		\$4,900	\$22,560	\$8,160	\$4,160	\$6,900	
TOTAL FEE ESTIMATE						\$46,680	