



*Proposal for Engineering Services  
City of San Luis  
International Plaza 1 Reconstruction Project*

*Prepared by: James Davey and Associates, Inc.*

Revised February 1, 2017

Item	Description	Principal Engineer	Project Engineer	Engineering Technician	Survey Crew	Direct Costs	Comments
<b><u>DESIGN PHASE SERVICES</u></b>							
1	Project Management	4					
2	Topographic Survey						
	Establish Control and Benchmarks	1	2		3		
	Topographic Survey of Streets - Arden, Bentu, Cadena, Dimas, Guiu and portions of Piceno and Estibella	1	2		16		Full Detail on Arden, Guiu, Estibella and part of Piceno. Slightly lesser detail on remaining streets (Curb, Sidewalk, Centerline, WW's and MH's primarily)
	Topographic Survey of Alleys	1			4		Centerline Survey Only - 50' C-C
3	Prepare Survey Base Sheets						
	Survey Base Sheets for Streets included in Grant Project	7 Sheets	9 Hrs/Sheet	3	7	56	Sheets for Arden, Guiu, Estibella and part of Piceno.
	Survey Base Sheets for Streets included in Grant Project	5 Sheets	6 Hrs/Sheet	1	4	25	Sheets for Bentu, Cadena, Dimas and remainder of Piceno - for City of San Luis for future curb and paving work.
	Survey Base Sheets for Alleys	1 Sheet	10 Hrs/Sheet	1	2	7	Single Sheet - Plan View at 40 Scale (for City of San Luis Use in Alley Grading)
4	Utility Coordination/Conflict Resolution, Submittals to Utilities	1	8				Potholing Costs Not Included - Assumed by City of San Luis Utility Crews if needed.
5	Geotechnical Report					\$3,200	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 Profile Sheets - 20 Scale	7 Sheets	20 Hrs/Sheet	14	42	84	
	Sewer Plan and Profile Sheet	2 Sheet	20 Hrs/Sheet	4	8	28	
	General Sheets/Standard Details	1 Sheet	10 Hrs/Sheet		2	8	
	Special Details	2 Sheet	20 Hrs/Sheet	2	14	24	
7	Prepare Special Conditions	1	10				
8	Quantities and Bid Schedule	1	10				
9	Submittal Review Meetings - 30%, 90% and Final	3	3				
<b>Total Estimated Hours</b>		<b>38</b>	<b>115</b>	<b>236</b>	<b>23</b>	<b>---</b>	
<b>Hourly Rates</b>		<b>\$140</b>	<b>\$120</b>	<b>\$80</b>	<b>\$160</b>	<b>---</b>	
<b>Subtotals</b>		<b>\$5,320</b>	<b>\$13,800</b>	<b>\$18,880</b>	<b>\$3,680</b>	<b>\$3,200</b>	
<b>TOTAL FEE ESTIMATE - DESIGN PHASE</b>						<b>\$44,880</b>	