NICKLAUS ENGINEERING, INC.
8(a) ~ DBE ~ WOSB ~ SBE
● Civil ● Survey ● Architecture
● Environmental ● Geotechnical

January 30, 2017

City of San Luis
1090 E. Union Street
San Luis, AZ 85349

Attention: Eulogio Vera, PE, Director of Public Works
Reference: **Union Street Paving Improvements between 5th & 6th Avenue (1/4 mile) San Luis, Arizona**

Dear Mr. Vera,

Attached please find our itemized cost proposal for Professional Engineering Services related to the design of ½ width street improvements on Union Street between 5th and 6th Avenue in San Luis, Arizona. Services include Topographic Survey, Geotechnical Investigation, and Design Services (90% and 100% submittal).

Please let me know if you have any questions. We are truly looking forward to working with the City of San Luis on this new project.

Sincerely,
NICKLAUS ENGINEERING, INC.

Marisol A. Canales, PE
Project Manager

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CITY OF SAN LUIS
Union Street Paving Improvements between 5th & 6th Avenue
San Luis, Arizona

	DESCRIPTION OF WORK	PROJECT MANAGER	ENGINEER / SURVEYOR	SURVEY CREW	ENGINEER TECHNICIAN	EXPENSES	TOTAL
I	**DESIGN SUPPORT**						
	Topographic Survey and base map for design	2	4	10	18	$ 100.00	$ 3,930.00
	Geotechnical Investigation/Report (3-5' boreholes)						$ 3,500.00
	Estimated Hours	2	4	10	18		
	Rate	$ 150.00	$ 125.00	$ 150.00	$ 85.00		
	Amount	**$ 300.00**	**$ 500.00**	**$ 1,500.00**	**$ 1,530.00**	**$ 100.00**	**$ 7,430.00**
						SUBTOTAL	**$ 7,430.00**

	DESCRIPTION OF WORK	PROJECT MANAGER	CIVIL ENGINEER	ENGINEER TECHNICIAN	ADMIN	EXPENSES	TOTAL
II	**DESIGN SERVICES - 90% and 100% SUBMITTAL**						
	Project Meetings	1	4	4	1	$ 50.00	$ 1,095.00
	General notes, Abbreviations, Legend	1	2	2	1		$ 625.00
	Horizontal Control Plan	1	8	8		$ 100.00	$ 1,930.00
	Grading and Drainage	1	8	16		$ 100.00	$ 2,610.00
	Road Cross Sections	1	2	4		$ 25.00	$ 765.00
	Pavement and Drainage Details	1	4	4		$ 25.00	$ 1,015.00
	Pavement Markings and Signage	1	2	4		$ 25.00	$ 765.00
	Marking Details	1	2	2		$ 25.00	$ 595.00
	SWPPP	1	4	8		$ 50.00	$ 1,380.00
	Specifications for Project Manual	1	8	8	16	$ 100.00	$ 2,810.00
	Preliminary Engineer's Estimate of Cost	1	4	8	4	$ 50.00	$ 1,600.00
	Estimated Hours	11	48	68	22		
	Rate	$ 150.00	$ 125.00	$ 85.00	$ 55.00		
	Amount	**$ 1,650.00**	**$ 6,000.00**	**$ 5,780.00**	**$ 1,210.00**	**$ 550.00**	**$ 15,190.00**
						SUBTOTAL	**$ 15,190.00**

SUMMARY OF SERVICES

I	**DESIGN SUPPORT**	**$ 7,430.00**
II	**DESIGN SERVICES - 90% and 100% SUBMITTAL**	**$ 15,190.00**
	TOTAL FEE PROPOSAL	**$ 22,620.00**