



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: **22nd Street & 4th Avenue Left Turn Lane Intersection Improvements
San Luis, Arizona**


Dear Mr. Vera,

Attached please find our itemized cost proposal for Professional Engineering Services related to the design of left turn lane improvements located on 22nd Street and 4th Avenue in San Luis, Arizona. Services include Turn Lane Evaluation, 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

 CITY OF SAN LUIS 22nd St. and 4th Avenue Left Turn Lane Intersection Improvements San Luis, Arizona							
	DESCRIPTION OF WORK	PROJECT MANAGER	ENGINEER / SURVEYOR	SURVEY CREW	ENGINEER TECHNICIAN	EXPENSES	TOTAL
I DESIGN SUPPORT							
	Turn Lane Evaluation (field count and turn lane analysis)	1	16		2	\$ 25.00	\$ 2,345.00
	Topographic Survey and base map for design	1	4	8	16	\$ 100.00	\$ 3,310.00
	Geotechnical Investigation/Report (3-5' boreholes and 3 cores) includes traffic control.						\$ 5,500.00
	Estimated Hours	2	20	8	18		
	Rate	\$ 150.00	\$ 125.00	\$ 150.00	\$ 85.00		
	Amount	\$ 300.00	\$ 2,500.00	\$ 1,200.00	\$ 1,530.00	\$ 125.00	\$ 11,155.00
SUBTOTAL							\$ 11,155.00
	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	16	24		\$ 100.00	\$ 4,290.00
	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	56	76	22		
	Rate	\$ 150.00	\$ 125.00	\$ 85.00	\$ 55.00		
	Amount	\$ 1,650.00	\$ 7,000.00	\$ 6,460.00	\$ 1,210.00	\$ 550.00	\$ 16,870.00
SUBTOTAL							\$ 16,870.00
SUMMARY OF SERVICES							
I DESIGN SUPPORT							\$ 11,155.00
II DESIGN SERVICES - 90% and 100% SUBMITTAL							\$ 16,870.00
TOTAL FEE PROPOSAL							\$ 28,025.00