



NICKLAUS ENGINEERING, INC.

8(a) ~ DBE ~ WOSB ~ SBE

- Civil ● Survey ● Architecture
- Environmental ● Geotechnical

March 22, 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 – ADDENDUM NO. 1 Revised**


Dear Mr. Vera,

Attached please find our itemized cost proposal for Professional Engineering Services related to the design improvements on 6th Avenue, between California St. and Union St., in San Luis, Arizona. Services include topographic survey, geotechnical investigation, hydrologic evaluation and additional 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 Union Street Paving Improvements between 5th & 6th Avenue ADDENDUM NO.1 - Hydrologic Evaluation & 6th Avenue Improvements San Luis, Arizona							
	DESCRIPTION OF WORK	PROJECT MANAGER	ENGINEER / SURVEYOR	ENGINEER TECHNICIAN	SURVEY CREW	EXPENSES	TOTAL
I	DESIGN SUPPORT						
	Topographic Survey (6 th Ave., school retention basin, Bienestar Subdivision retention basin)	4	8	32	8	\$ 100.00	\$ 5,620.00
	Geotechnical Investigation/Report (1-5' boreholes on 6 th Ave.) includes traffic control						\$ 1,200.00
	Hydrologic Evaluation, Modeling, and Design Report	4	16	16		\$ 50.00	\$ 4,010.00
	Estimated Hours	8	24	48	8		
	Rate	\$ 150.00	\$ 125.00	\$ 85.00	\$ 150.00		
	Amount	\$ 1,200.00	\$ 3,000.00	\$ 4,080.00	\$ 1,200.00	\$ 150.00	\$ 10,830.00
SUBTOTAL							\$ 10,830.00
	DESCRIPTION OF WORK	PROJECT MANAGER	CIVIL ENGINEER	ENGINEER TECHNICIAN	ADMIN	EXPENSES	TOTAL
II	DESIGN SERVICES - 90% and 100% SUBMITTAL for 6th AVENUE IMPROVEMENTS						
	Meetings with City of San Luis/Coordination	4	4				\$ 1,100.00
	Legal Descriptions for right-of-way dedications and/or temporary construction easements	1	4	2	1		\$ 875.00
	Horizontal Control Plan 6 th Ave. & Retention Basin	1	6	10		\$ 100.00	\$ 1,850.00
	Grading and Drainage	1	8	12		\$ 100.00	\$ 2,270.00
	Storm Drain Plan and Profile		4	4		\$ 25.00	\$ 865.00
	Storm Drain Piping & Catch Basin Details		2	2		\$ 25.00	\$ 445.00
	Pavement Markings and Signage		2	4		\$ 25.00	\$ 615.00
	SWPPP		1	2		\$ 25.00	\$ 320.00
	Specifications for Project Manual	1	2	4	2	\$ 100.00	\$ 950.00
	Preliminary Engineer's Estimate of Cost	1	2	4	2	\$ 50.00	\$ 900.00
	Estimated Hours	9	35	44	5		
	Rate	\$ 150.00	\$ 125.00	\$ 85.00	\$ 55.00		
	Amount	\$ 1,350.00	\$ 4,375.00	\$ 3,740.00	\$ 275.00	\$ 450.00	\$ 10,190.00
SUBTOTAL							\$ 10,190.00
SUMMARY OF SERVICES							
I	DESIGN SUPPORT						\$ 10,830.00
II	DESIGN SERVICES - 90% and 100% SUBMITTAL for 6th AVENUE IMPROVEMENTS						\$ 10,190.00
TOTAL FEE PROPOSAL						\$ 21,020.00	