



NICKLAUS ENGINEERING, INC.

8(a) ~ DBE ~ WOSB ~ SBE

- Civil ● Survey ● Architecture
- Environmental ● Geotechnical

March 26, 2019

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

Attention: Eulogio Vera, PE, Director of Public Works

Reference: **Juan Sanchez Boulevard and 10th Avenue Traffic Study and Intersection Design.
San Luis, Arizona**

Dear Mr. Vera,

Attached please find our itemized cost proposal for Professional Engineering Services related to the traffic study and intersection design at Juan Sanchez Boulevard and 10th Avenue. The Traffic Study will include collection of traffic data and intersection analysis of the intersections of Juan Sanchez Boulevard/10th Avenue, Juan Sanchez/9th Avenue, Juan Sanchez/Shopping Center Access A, Juan Sanchez/Shopping Center Access B, 10th Avenue/Shopping Center Access C and 10th Avenue and Shopping Center Access D. All analyses will be conducted using Synchro software and HCM 6th edition guidance. Intersection design activities will be conducted on the intersection of Juan Sanchez Boulevard/10th Avenue and will utilize relevant City of San Luis and Arizona Department of Transportation standards and specifications.

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.

Eric Gardner, PE, PTOE, MBA
Project Manager



DATE OF SCOPE/MOD: 3/13/2019
DATE OF PROPOSAL: 3/26/2019

Contract No.: San Luis

PROJECT:	Juan Sanchez and 10th Avenue Traffic Study and Intersection Design	Work Element 1	Work Element 2	Work Element 3	Work Element 4	Work Element 5	Work Element 6	Work Element 7	Totals								
LOCATION:	San Luis	Traffic Study	Survey	Intersection Design 30%	Intersection Design 60%	Intersection Design 95%	Intersection Design 100% with Specifications	Bid Assistance									
PART I - Direct Services																	
LABOR CATEGORY	RATE	HOURS	COST	HOURS	COST	HOURS	COST	HOURS	COST	HOURS	COST	HOURS	COST	HOURS	COST		
Project Manager	150	4	\$600	2	\$300	0	\$0	0	\$0	0	\$0	2	\$300	2	\$300	10	\$1,500
Project Engineer	125	82	\$10,250	4	\$500	20	\$2,500	6	\$750	6	\$750	16	\$2,000	10	\$1,250	144	\$18,000
Senior Designer	110	0	\$0	16	\$1,760	93	\$10,230	33	\$3,630	17	\$1,870	38	\$4,180	16	\$1,760	213	\$23,430
Staff Engineer	95	44	\$4,180	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	44	\$4,180
CAD Technician	75	0	\$0	0	\$0	69	\$5,175	40	\$3,000	20	\$1,500	7	\$525	0	\$0	136	\$10,200
Field Technician	75	16	\$1,200	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	16	\$1,200
Administrative	55	4	\$220	0	\$0	4	\$220	4	\$220	4	\$220	4	\$220	4	\$220	24	\$1,320
Survey Crew	160	0	\$0	40	\$6,400	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	40	\$6,400
Sub Total Direct Labor		150	\$16,450	62	\$8,960	186	\$18,125	83	\$7,600	47	\$4,340	67	\$7,225	32	\$3,530	627	\$66,230
Profit 0.00%			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Total Direct Labor & Profit			\$16,450		\$8,960		\$18,125		\$7,600		\$4,340		\$7,225		\$3,530		\$66,230
Other Direct Costs																	
Equipment and Materials	Various		\$150		\$750		\$0		\$0		\$0		\$0		\$0		\$900
Reproduction	Staples		\$0		\$0		\$59		\$80		\$80		\$266		\$0		\$485
Sub Total ODCs and Sub Contractors			\$210		\$850		\$59		\$80		\$80		\$266		\$0		\$1,545
G&A	5.00%		\$11		\$43		\$3		\$4		\$4		\$13		\$0		\$77
Profit	10.00%		\$22		\$89		\$6		\$8		\$8		\$28		\$0		\$162
Total ODCs and Sub Contractors			\$243		\$982		\$68		\$92		\$92		\$307		\$0		\$1,784
Travel			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Grand Total			\$16,693		\$9,942		\$18,193		\$7,692		\$4,432		\$7,532		\$3,530		\$68,014