

AMERICAN STRUCTUREPOINT, INC.  
ATTACHMENT B: ESTIMATED FEE SUMMARY FOR CIS#3  
CITY OF SAN MARCOS  
SESSOM DRAINAGE IMPROVEMENTS AT ACADEMY PS&E

Task	Principal	QA/QC	PM	Sr Proj Eng	Proj Eng	Sr Tech	Tech	EIT	Total Hours	Labor Cost	ASI Direct Expenses	Accessibility Code Etc. TDLR	Coleman Landscaping	Cobb Fendley SUE	Chaparral Survey	KFriese W/WW	Total Subconsultants	Total Cost
I. Design Phase (90/100%)																		
A. Project Management and QA/QC																		
i. Project Management	3		3						6	\$ 1,320.00	\$ -					\$ 840.00	\$ 840.00	\$ 2,160.00
ii. QA/QC		3							3	\$ 720.00	\$ -						\$ -	\$ 720.00
B. Meetings																		
i. Coordination meetings with Texas State University																		
a. Attend 2 meetings			4	4					8	\$ 1,480.00							\$ -	\$ 1,480.00
b. Prepare drainage alternative exhibits				30					30	\$ 5,400.00	\$ -						\$ -	\$ 5,400.00
c. Prepare Opinion of Probable Cost for Construction for final cost-sharing agreement				16					16	\$ 2,880.00	\$ -						\$ -	\$ 2,880.00
ii. Coordination meetings with SMEU (3 meetings)			6	6					12	\$ 2,220.00							\$ -	\$ 2,220.00
C. Field Investigations																		
i. Topographic and Tree Survey (Includes One-Call)									0	\$ -	\$ -				\$ 5,000.00		\$ 5,000.00	\$ 5,000.00
ii. Boundary Surveying (Tie into COSM Survey Monuments)									0	\$ -	\$ -				\$ 2,800.00		\$ 2,800.00	\$ 2,800.00
D. Determine Easement/Land Acquisition Requirements																		
i. Prepare descriptions and sketches									0	\$ -					\$ 5,250.00		\$ 5,250.00	\$ 5,250.00
E. Design Sheet Categories																		
i. Cover Sheet/Index/Project Layout		1		1				2	4	\$ 640.00	\$ -						\$ -	\$ 640.00
ii. Quantity Table		1		2				4	7	\$ 1,040.00	\$ -						\$ -	\$ 1,040.00
iii. General Notes									0	\$ -	\$ -						\$ -	\$ -
iv. Typical Sections			1	1				4	6	\$ 810.00	\$ -						\$ -	\$ 810.00
v. Construction Phasing			2	8	4			8	22	\$ 3,260.00	\$ -					\$ 1,260.00	\$ 1,260.00	\$ 4,520.00
vi. Traffic Control Sheets	1	3		20				40	64	\$ 8,970.00	\$ -						\$ -	\$ 8,970.00
vii. Road Design					8			44	52	\$ 5,960.00	\$ -						\$ -	\$ 5,960.00
viii. Drainage											\$ -						\$ -	\$ -
a. Off Site		1	1		4			10	16	\$ 2,090.00	\$ -						\$ -	\$ 2,090.00
b. On Site		1			8			18	27	\$ 3,340.00	\$ -						\$ -	\$ 3,340.00
c. Calculations		2			8			12	22	\$ 2,920.00	\$ -						\$ -	\$ 2,920.00
d. Plan and Profile		2			8			44	54	\$ 6,440.00	\$ -						\$ -	\$ 6,440.00
e. Laterals		1			8			10	19	\$ 2,460.00	\$ -						\$ -	\$ 2,460.00
ix. Water/Wastewater		1							1	\$ 240.00	\$ -					\$ 13,450.00	\$ 13,450.00	\$ 13,690.00
x. Signing & Pavement Markings		1	1	3				14	19	\$ 2,510.00	\$ -						\$ -	\$ 2,510.00
xi. Traffic Signal		1		4	4			8	17	\$ 2,400.00	\$ -						\$ -	\$ 2,400.00
xii. Erosion Control		1							1	\$ 240.00	\$ -						\$ -	\$ 240.00
xiii. SUE Level A & B		1							1	\$ 240.00	\$ -			\$ 47,947.62			\$ 47,947.62	\$ 48,187.62
xiv. Landscaping/Tree Mitigation		1							1	\$ 240.00	\$ -		\$ 3,000.00				\$ 3,000.00	\$ 3,240.00
xv. Earthwork/Cross-Sections		2		18		20			40	\$ 6,420.00	\$ -						\$ -	\$ 6,420.00
F. TDLR Project Registration & Plan Review																		
i. Register the project with TDLR			1						1	\$ 190.00	\$ -	\$ 210.00					\$ 210.00	\$ 400.00
ii. Perform plan review of the project construction documents									0	\$ -	\$ -	\$ 1,267.00					\$ 1,267.00	\$ 1,267.00
I. Design Phase (90/100%) Subtotal	4	23	19	113	52	20	0	218	449	\$ 64,430.00	\$ -	\$ 1,477.00	\$ 3,000.00	\$ 47,947.62	\$ 13,050.00	\$ 15,550.00	\$ 81,024.62	\$ 145,454.62
II. Construction Phase																		
A. Project Meetings (Monthly-combined with site visit)			2	2					4	\$ 740.00	\$ -						\$ -	\$ 740.00
II. Construction Phase Subtotal	0	0	2	2	0	0	0	2	4	\$ 740.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 740.00
Basic Scope Total	4	23	21	115	52	20	0	220	453	\$ 65,170.00	\$ -	\$ 1,477.00	\$ 3,000.00	\$ 47,947.62	\$ 13,050.00	\$ 15,550.00	\$ 81,024.62	\$ 146,194.62
											1%	5%	5%	25%	11%	4%	0%	49%
											Direct Expenses		\$ 174.00	\$ -	\$ -	\$ -	\$ -	\$ 50.00
											Total Cost			\$ 1,477.00	\$ 3,000.00	\$ 47,947.62	\$ 13,050.00	\$ 15,600.00

The hours listed above are an estimate. The hours assigned to the Phase are not exclusive to the Phase to which they are assigned. The total fee will not exceed the total contract amount as per Article 2. The hourly rates shall apply throughout the remainder of the contract and to all changes in services.

Payment to the ENGINEER will be made as follows:

1. Basic Services - The amounts of these invoices will be based on the extent of work completed by the Engineer on an hourly basis.
2. Supplemental Services - The Engineer will receive approval in writing before performing supplemental services. The amounts of these invoices will be based on the extent of work completed by the Engineer on an hourly basis.
3. Reimbursable expense - Reimbursable expenses including such as expenses for plotting, reproduction of documents, auto travel mileage (current IRS approved mileage rate), delivery charges, long distance communications, freight and state accessibility will be invoiced with appropriate backup documentation.

Invoice and Time of Payment

Invoices will be prepared in a format approved by the City prior to submission of the first monthly invoice. Invoices shall be submitted monthly and paid within 30 days.

Direct Expenses	Rate	Quantity	Total
Meals	\$ 25.00 Each	0	\$ -
Mileage	\$ 0.58 Mile	300	\$ 174.00
Courier Services (Deliveries)	\$ 25.00 Each	0	\$ -
CADD Color Plotting (Per SQ FT)	\$ 1.50 Square Feet	0	\$ -
Photocopies B/W (8.5x11)	\$ 0.05 Each	0	\$ -
Photocopies B/W (11x17)	\$ 0.15 Each	0	\$ -
Photocopies B/W (22x34)	\$ 0.60 Each	0	\$ -
Color Copies (8.5x11)	\$ 0.49 Each	0	\$ -
Color Copies (11x17)	\$ 1.00 Each	0	\$ -
Truck for SUE	\$ 55.00 Trip	0	\$ -
Asphalt Repair SUE	\$ 5.00 Square Feet	0	\$ -

ASI Hourly Billing Rates

Principal	\$ 250.00
QA/QC	\$ 240.00
Project Manager	\$ 190.00
Sr Proj Eng	\$ 180.00
Project Eng	\$ 140.00
Sr Tech	\$ 135.00
Tech	\$ 95.00
EIT	\$ 110.00
Admin	\$ 80.00

ASI Design Fee	\$ 65,170.00
ASI Expenses	\$ 174.00
Accessibility Code Etc.	\$ 1,477.00
Coleman	\$ 3,000.00
Cobb Fendley	\$ 47,947.62
Chaparral	\$ 13,050.00
KFriese	\$ 15,600.00