CITY OF SAN ANTONIO INTERDEPARTMENTAL MEMORANDUM **PUBLIC WORKS DEPARTMENT**



TO:

Mayor and City Council

FROM:

Thomas G. Wendorf, P.E., Director of Public Works

THROUGH: Terry M. Brechtel, City Manager

COPIES:

Melissa Byrne Vossmer; Andrew Martin; Louis A. Lendman; Milo D. Nitschke;

and file

SUBJECT:

Clark Avenue from Fair to Southcross

DATE:

January 29, 2004

SUMMARY AND RECOMMENDATIONS

This ordinance amends a professional service contract in the amount of \$270,011.64 payable to Civil Engineering Consultants, Inc. (CEC), a non-MBE firm, for professional engineering services, and authorizes \$27,201.00 for additional design contingency for a total amount of \$297,212.64 in connection with the Clark Avenue from Fair to Southcross Project, an authorized 1999 General Obligation Street Improvement Bond and Metropolitan Planning Organization (MPO) project located in Council District 3.

Staff recommends approval of this ordinance.

BACKGROUND INFORMATION

This ordinance will amend the professional services agreement as part of the anticipated design implementation for this project and provide additional compensation to Civil Engineering Consultants, Inc. (CEC) for professional engineering services for the preliminary, intermediate and final design phases. The project is currently funded only through the schematic design phase.

Improvements to Clark Avenue from Fair to Southcross will consist of the reconstruction of the existing 2 lane roadway to 2 lanes with a center turn lane and will include curbs, 6-foot sidewalks at the curb in commercial sections, driveway approaches and underground storm drain system. The project construction is anticipated to begin in November of 2005 and be completed in February of 2007.

This professional service contract was originally approved by City Ordinance No. 92571 on September 28, 2000 and initially authorized \$60,235.00 for services related to this project. Subsequent Council action increased this contract amount to \$74,985.00. This ordinance will increase the total authorized for this professional service contract to \$344,996.64.

POLICY ANALYSIS

Approval of this ordinance will be a continuation of City Council policy to complete previously approved 1999 General Obligation Street Improvement Bond and MPO funded projects.

FISCAL IMPACT

This is a one-time capital improvement expenditure within budget and included in the FY 04-09 Capital Improvement Program Budget. Funds in the amount of \$297,212.64 are available from 1999 General Obligation Street Improvement Bonds and are authorized payable as follows:

\$270,011.64 Payable to Civil Engineering Consultants, Inc. for engineering expenses \$27,201.00 Payable for design contingency

COORDINATION

This request for ordinance has been coordinated with the Office of Management and Budget and the Finance Department.

SUPPLEMENTARY COMMENTS

The Discretionary Contracts Disclosure Form required by the Ethics Ordinance is attached.

ATTACHMENTS

- 1. Project Map
- 2. Proposal
- 3. Discretionary Contracts Disclosure Form

Thomas G. Wendorf, P.E. Director of Public Works

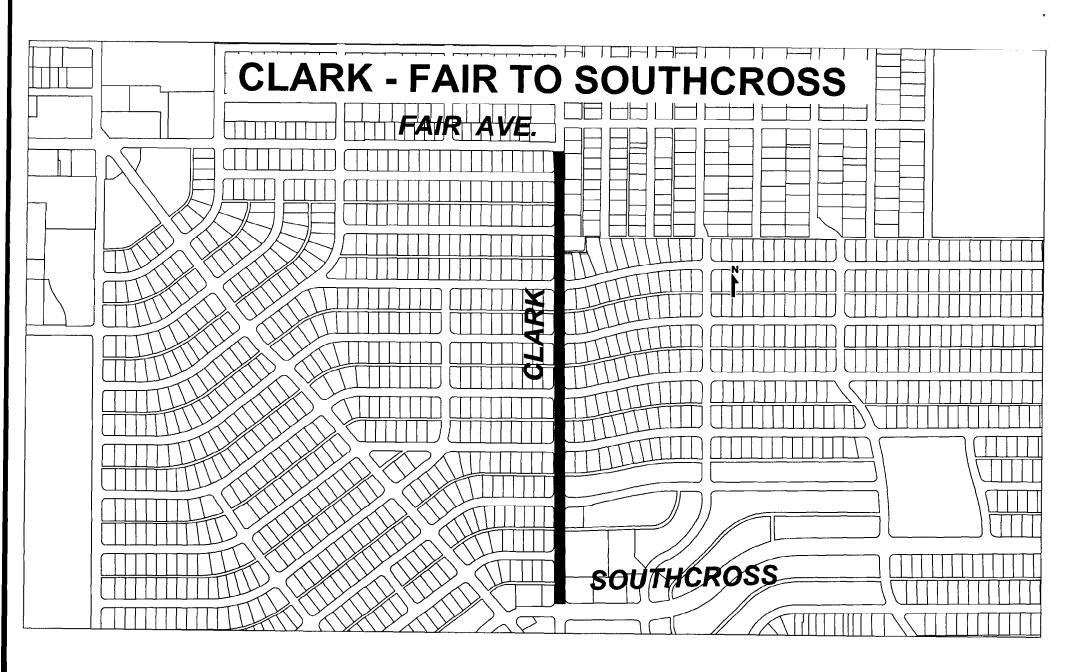
Director of Fublic VV

Approved:

Melissa Byrne Voksmer Assistant City Manager

Terry M. Brechtel

City Manager





DON DURDEN, INC.
MUNICIPAL • DEVELOPMENT
SURVEYING • TRANSPORTATION

December 31st, 2003

Samuel Hutchins IV, P. E. City of San Antonio, Public Works Department Capital Programs Division P.O. Box 839966 San Antonio, TX 78283-3966

Reference:

Clark Avenue; Fair Avenue to Southcross

CSJ: 0915-12-354

Subject:

PS & E Fee

Mr. Hutchins:

CEC is submitting the proposed fee for the Project Specifications and Estimate (PS&E) portion of the project. The fee has a total of \$256,882.22. The breakdown of the fee is as listed below:

<u>Basic Services</u>

Preliminary Design	\$ 36,697.46
Intermediate Design	\$110,092.38
Final Design	\$ 91,743.65
TxDOT PS&E	\$ 18,348.73

Total = \$256,882.22

\$ 13,129.42

Additional Services

Geotech Support

Total Engineering Fee \$ 270,011.64

If you have any questions please contact Garland Galm, P.E. or me at our offices.

Sincerely,

David M. Pulido, P.E.

Project Manager

Cc: Dennis Goodall, TxDOT CCMO

Attach: A/S

Engineering Fee Proposal

				Engineerin	ig Fee i-ro	posai								
TASK AND DESCRIPTION	SHEETS	PRINCP	PROJ	PROJ	Εſſ	ENGR	CADD	SURVEY	RPLS	SIT	CLERICAL	HOURS	cost	
HOURLY RATE		\$150,00	MGR \$135.00	\$96.00	\$75.90	\$75.00	OPER. \$58.00	\$120,00	\$110,66	\$70.00	\$40,00	 	 	
HOURLY RATE		\$150.00	3133.00	230.00	1 312.00	\$12.00	338.86	3120.00	3110.00	370.00	340,00		<u> </u>	
			Р	RELIMINAR	Y PHASE D	ESIGN								
. BASIC SERVICES														
1. Site visits			2	4	4		 			<u> </u>		10	\$	930
2. Quality Control	0	0	ž	4	4	0	0	0	0	1 .	_	40	s	
SUBTOTAL	U U	U		- 4	<u></u>		<u> </u>	1 0		0	0	10	\$	93
ROADWAY DESIGN	2	T		2	4	1	R		T	1	7	14	1.	94
Develop Typical Sections sheets Prepare initial roadway plantypofile sheets including		1		-	1	!	l	-	l	<u> </u>		14	+	944
Clark	8	†	+	4	24	l	48	t	i		t	76	s	4,94
Lyric	2			4	12		16		1			32	Š	2,18
Intersecting Streets	10			- 8	20		40					68	Ş	4,54
Prepare initial Retaining Wall Layout sheets including		<u> </u>										0		
Clark(east side)	8	ļ	1_1_	8	24	L	32					65	\$	4,51
Clark(west side)	6	ļ	1	8	24	 	32			ļ		65	- -	4,51
Intersecting Streets	12	 	1 2	8	12	 	24	 	 	 	 	57	+2	4,047
4.Prepare initial roadway design cross sections, including		 	 2	8	12	 	32		 	 	 	54	 •	3,746
intersecting streets (300 sections) 5. Marriffor average hyporte and required design expentions		 	2	4	4	2	· 4	-	 	 		16	15	1,312
Identify encreachments and request design exceptions Assemble and plot Preliminary Plans	1	t	2	 	4	1	8	1		1	4	18	15	1,194
Coordinate Pavement Design		1	1 1	1	 	1	-			† 	1	1 1	15	135
8. Coordinate with CoSA		1	2	2	8				†	1		13	Š	1,200
SUBTOTAL	48	1	12	56	160	2	244	0	0	0	4	479	\$	33,277
				·										
I. DRAINAGE								,		,			1 4	
Coordinate with Drainage Subconsultant			2	4	8 2	4		!	ļ	 	2	16	\$	1,310 720
Review of Subconsultant plans Coordinate with CoSA		1 1	4		4					 	1	14	1 3	1,390
SUBTOTAL	0	 	8	1 8	14	4	0	0	0	0	3	38	Š	3,420
JOBIOTAL		<u> </u>	1 9			·	<u> </u>	<u> </u>		·	· · · · · · · · · · · · · · · · · · ·	1	1*	0,42
III. LITILITY MAPPING & COORDINATION														
Obtain existing utility records and maps	1	T	1	1		1	l	<u> </u>	T	1		0	1 \$	
Request utility companies to uncover inaccessible			1	1	9							2	\$	225
surface features (via CoSA)												0		
Request underground utility locates from utility companies			2	<u> </u>	2							44	\$	470
Compile existing utility data collected in field into				1 1 -	4		4		ļ			9	 \$	622
electronic mapping files										ļ		0	<u> </u>	
5. Determine location of existing utilities		 	+	4	2		4			<u> </u>		8	13	382 660
6. Conduct field visits to verify utility locations		 	 	1 1	2		!			<u> </u>		1 3	+	240
7. Request additional information from utility companies and		† 	 	 - '	 	l		 	 	 		0	 • • • • • • • • • • • • • • • • • • •	
resolve alscrepancies 8. Submit utility layouts to utility companies for review		1	1	2	2		4		I	1		8	S	562
and verification			1	1 - 	1		<u> </u>	1	i	i		0		
Edit utility layouts per utility company comments				111	2		2		L			5	1 \$	356
16. Coordinate with utility companies on relocations			1	1	1							3	\$	300
SUBTOTAL	0	0	4	- 11	19	0	14	0	0	0	0	48	\$	3,757
VI. MISCELLANEOUS ROADWAY		,												
Prepare Title Sheet and Index	2	ļ	0		2	ļ	2	-	ļ	 		4	13	266
2. Prepare Project Layout (BM & Alignment Data)	2	ļ	1 - 1	4	- 4	 -	12	 			ļ	21 56	\$	1,491 4,348
Formulate initial traffic control plans, detours,	.16	 	 	12	24		16	l	 	 	 	0	+*	4,340
and sequence of work	2	 	1	2	2	8				 		13	5	1,065
4. Calculate major bid item quantities and prepare initial		 	 '	1-	1		l		<u> </u>		l	0	T	
Grading Summary Sheet 5. Prepare preliminary opinion of probable construction		1	1	2	4	24		1			l	30	\$	2,28
cost using TxDOT Estimator Software.		1	T									0		
6. Prepare initial construction time estimate (CPM schedule)			1	4	12							17	\$	1,395
with Microsoft Project			1		1							0	<u> </u>	
7. Attend review meeting			4	4	4						ļ	12	ļ <u>\$</u>	1,200
8. Address review comments			44	8	12	l	40	ļ <u>-</u>				64	13	4,480
SUBTOTAL	22	0	15	36	64	32	70	0	0	0	0	217	S	16,525
												1U		
SUBTOTAL PRELIMINARY PHASE	70	2	37	104	242	38	314	0	9	0	7	744	s	57,914

Engineering Fee Proposal

TASK AND DESCRIPTION	SHEETS	PRINCP	PROJ	PROJ	EIT	ENGR TECH	CADD OPER.	SURVEY	RPLS	SIT	CLERICAL	HOURS	COST
HOURLY RATE		\$150,00	\$135.00	\$90.00	\$75.00	\$75.00	\$58.00	\$120,00	\$110.00	\$70.00	\$40.00		
			int	ERMEDIAT	E DEGICI	LDUARE							L
D. 1010 00000000	· · · · · · · · · · · · · · · · · · ·	·		EKWEDIA	E DESIGN	Y PHASE							
BASIC SERVICES Site visits		T	1	1 4	1 4	1							1
. Quality Control		 	ļ	 	 		 	 				-8	\$
SUBTOTAL	0	0	0	4	4	0	0	0	0	6	0	8	\$
ROADWAY DESIGN													
. Refine Horizontal & Vertical Alignments			2	8	12		4	1.			I	26	\$
Refine & Submit Typical Sections Refine roadway plan/profile sheets	<u> </u>	ļ	0	1_1_	2		2					5	S
Clark			1	8	16	<u> </u>	24					49	1
Intersecting Streets			1	8	16		24					49	Š
. Develop Retaining Wall Layout sheets including Clark(east side) - 7 sheets & Clark (west side) - 2 sheets	 	 	0	12	32		24		 			68	c
Intersecting Streets			0	8	18		18					44	\$
Develop madway design cross sections, including intersecting streets (300 sections)			0	8	24		32	ļ				64	\$
Prepare Intersection Grading Plans & address			0	12	12	_ 4	24		<u> </u>			52	<u>s</u>
pedestrian issues Asesemble and plot plans	1		0		4		4					0	
. Coordinate with Subconsultants			2	4	8	<u> </u>	4	<u> </u>			4	9 18	\$ 5
. Coordinate with CoSA SUBTOTAL	6	2	2	4	4		450				4	16	Š
SUBTUTAL	1 0	2	6	74	148	4	156	0	0	0	8	<u> </u>	\$
UTILITY MAPPING & COORDINATION													
Obtain existing utility records and maps Request utility companies to uncover inaccessible	+	 	- 1	1 -	1							2 2	\$
surface features (via CoSA)	1							<u> </u>				<u> </u>	\$
Request underground utility locates from utility companies	-	ļ	1	2	2		4					2	\$
Compile existing utility data collected in field into electronic mapping files	+							ļ				8	5
Determine location of existing utilities					2		. 2					4	ş
. Conduct field visits to verify utility locations . Request additional information from utility companies and	1			1	2							4 2	\$
resolve discrepancies													- X
Submit utility layouts to utility companies for review and verification	·			1		 	2					4	\$
. Edit utility layouts per utility company comments				1	. 2		4					7	s
Coordinate with utility companies on relocations SUBTOTAL	0	0	2	9	14	0	12	0	0	0	0	37	\$
							<u> </u>	J					<u> </u>
DRAINAGE Assemble Intermediate Drainage Plans			1	1	4	r		1				5	•
Coordinate with Drainage Subconsultant			1	4	4	4					2		\$
Review of Subconsultant plans Coundinate with CoSA	1	1	2	2		4					4	7	\$
Prepare initial Storm Water Pollution Prevention Plans	4		2	4	8		24					 	\$
SUBTOTAL	4	1	6	10	16	8	24	0	0	0	6	71	\$
SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION													
Prepare Signing and Pavement Marking Layouts including	6		. 0	2	12	24	16					54	ş
pay item quantities. Prepare Traffic Signal layouts w/ quantities for Southcross	1		2	4	8		8					22	\$
Prepare phase sequence diagrams	11		1	4	16		16					37	\$
Prepare Summary of Small Signs, Pavement Marking Summary & Traffic Signal Summary.	3			2	4	16	4					27	\$
Provide standard signing details as necessary.	17		1	4	8	4	16					33	5
Coordinate with CoSA SUBTOTAL	30	2 2	5	20	4 52	44	60	0	ō	0	2		\$ 1
OOD THE	1				- 52	77	L	L		4		·	1
MISCELLANEOUS ROADWAY	- -							,				,	
Update Title Sheet and Index & Grading Summary Prepare Driveway, Earthwork, Removal Items,	6		0	4	2 8	16	2 24					52	\$
Traffic Control, and SW3P Summary Sheets												0	X
Prepare Schedule of Barricades Prepare Removal Item Sheets	1 1		0	2	4	2	2					g	\$
Develop miscellaneous roadway details.	6		2	2	8 16	4	16 16						\$
Refine traffic control plans, detours, and sequence of work narrative including quantities & summaries.	-		4	8	24	. 16	18					70	\$
Calculate quantities and prepare summary sheets.			1	2	12	12	- 8					0 35	\$
Update opinion of probable construction cost using TxDOT Estimator Software.			0	2		. 8						10	\$
Prepare construction time estimate (CPM schedule)	 		1	2	8	1						0	
with Microsoft Project												12	\$
Prepare list of Standard Sheets for project	 		2	0 4	8	12	8 24					22	\$
Address review comments													
Address review comments SUBTOTAL	17	0	10	27	92	75	118	- O	0	0	0		\$ 2

2

City of San Antonio Discretionary Contracts Disclosure*

For use of this form, see City of San Antonio Ethics Code, Part D, Sections 1&2
Attach additional sheets if space provided is not sufficient.
State Not Applicable for questions that do not apply.

*This form is required to be supplemented in the event there is any change in the information under (1), (2), or (3) below, before the discretionary contract is the subject of council action and no later than five (5) business days after any change about which information is required to be filed.

Disclosure of Parties, Owners and Closely Related Persons

For the purpose of assisting the city in the enforcement of provisions contained in the City Charter and the code of ethics, an individual or business entity seeking a discretionary contract from the city is required to disclose in connection with a proposal for a discretionary contract:

(1) the identity of any individual who would be a party to the discretionary contract:

Don Durden, P.E., R.P.L.S., 85.834% Ownership, President

Ken Thomas, P.E., R.P.L.S., 3.75% Ownership, Principal - Municipal Division Manager

Chester Varner, R.P.L.S., 2.75% Ownership, Principal – Senior Project Surveyor

Alan Lindskog, P.E., R.P.L.S., 2.50% Ownership, Principal- Development Division Manager

Ken Koch, P.E., 1.9% Ownership, Principal-V.P./Director of Business Development

Joe Nix, P.E., R.P.L.S., P.T.O.E., 1.25% Ownership, Principal – Senior Project Engineer

Garland Galm, P.E., 1.22% Ownership, Principal-Transportation Division Manager

Mike Haberer, R.P.L.S., 0.55% Ownership, Principal-Survey Division Manager Matt Van Wicklen, P.E., 0.25% Ownership, Principal – Vice President Employee Benefits

- (2) the identity of any <u>business entity</u> that would be a party to the discretionary contract: and the name of:
 - (A) any individual or business entity that would be a subcontractor on the discretionary contract;

N/A

(B) any individual or business entity that is known to be a *partner*, or a *parent* or *subsidiary business* entity, of any individual or business entity who would be a party to the discretionary contract;

N/A

(3) the identity of any <u>lobbyist</u> or <u>public relations</u> firm employed for purposes relating to the discretionary contract being sought by any individual or business entity who would be a party to the discretionary contract.

N/A

Political Contributions

Any individual or business entity seeking a discretionary contract from the city must disclose in connection with a proposal for a discretionary contract all political contributions totaling one hundred dollars (\$100) or more within the past twenty-four (24) months made directly or indirectly to any member of City Council, or to any political action committee that contributes to City Council elections, by any individual or business entity whose identity must be by an disclosed under (1), (2) or (3) above. Indirect contributions entity include, but are not limited to, contributions made through the officers, owners, or registered lobbyists of the entity.

Whom Made To:	Amount:	Date of Contribution				
Toni Moorhouse	\$200	5/25/01				
Toni Moorhouse	\$500	1/28/02				
Bobby Perez	\$100	8/6/02				
Bonnie Conner	\$100	8/6/02				
Carroll Schubert	\$100	8/6/02				
Toni Moorhouse	\$100	8/14/02				
Ed Garza	\$300	8/14/02				

MAESTAS & BAILEY REVISED FEE

TASK DESCRIPTION Basic Services		No. Sheets	Prin	Proj. Mgr	Proj. Engr	Cadd Tech1	Cadd Tech2	Cadd Tech3	Clerical	Total Hours	Fee
Basic Services (General) Site Visits				_							
Coordinate with City of San Antonio				3			2			5 3	
Coordinate with TxDOT				2						2	
Coordinate with CEC		_		18						18	
	Subtotal		0	26	0	. 0	2	0	0	28	\$3,112,38
Basic Services (utilities)											
Gather and analyze utility information				2			6			. 8	
Attend utility coordination meeting (2)			4	4			_			8	
Determine pothole locations				6			4			10	
	Subtotal		4	12	0	Ó	10	0	0	26	\$2,266.08
Intermediate Phase (60% Submittal)										•	
Interior Drainage Area Maps		3		12			32			44	
Finalize Drainage Plan & Profile sheets		18		24			150			174	
Finalize storm sewer layout & sizing				12						12	
Finalize inlet layout				12						12	
Adjust design for Utility Conflicts Storm sewer modeling in Geopak				2 40			4	00		6	
Show exist, storm sewer in plans				40			8	20		60 10	
Place utility information on profiles				2			12			10	
Prepare HGL/EGL sheets				2			,,,	4		6	
Inlet sections		7		16			64	16		96	
Miscellaneous drainage details		2		12			28	4		44	
Intermediate drainage summary sheets &	quantities	2		12			24			36	
Construction Cost Estimate Intersection grading input			2	6						. 8	
Prepare general notes for Drainage			2	12 4						12	
QAQC review			2	8			20			6 30	
Assemble plans /furnish review set				2			4		1		
Attend 60% review meeting			2	2						4	
Address Review Comments							10			20	
Address Neview Comments				4			16			20	
Address Neview Continients	Subtotal	32	8	186	0	0	362	44	1		\$39,601.22
	Subtotal	32	8		0	0		44	1		\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section		32	8	186	0	0	362	44	1	601	\$39,601.22
Final Phase (90% Submittal)		32	8		0	0		44	1	601 10	\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections		32	8	186	0	0	362	44	1	601	\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details	ons	32	8	186 2 24 4 1	0	0	362 8 40 4 2	44	1	601 10 64 8 3	\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quan	ons	32	8	2 24 4 1	0	0	362 8 40 4	44	1	601 10 64 8 3 5	\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quanupdate Construction Cost Estimate	ons	32	8	2 24 4 1 1	0	0	362 8 40 4 2 4	44	1	601 10 64 8 3 5	\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quan	ons	32		2 24 4 1 1	0	0	362 8 40 4 2	44	1	10 64 8 3 5	\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quanupdate Construction Cost Estimate Assemble Standard sheets	ons	32	8	2 24 4 1 1	0	0	362 8 40 4 2 4	44	1	601 10 64 8 3 5 1 7 5	\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantupdate Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting	ons	32		2 24 4 1 1 1 1 4	0	0	8 40 4 2 4	44		10 64 8 3 5	\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quan Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set	ons		1 2	186 2 24 4 1 1 1 1 4 1 2 2			362 8 40 4 2 4 6			10 64 8 3 5 1 7 5	\$39,601.22
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantupdate Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting	ons	32	1	186 2 24 4 1 1 1 1 4 1 2	0	0	8 40 4 2 4	0		10 64 8 3 5 1 7 7 5 6 4	\$39,601.22 \$8,435.98
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quan Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments	ons lities Subtotal		1 2	186 2 24 4 1 1 1 1 4 1 2 2			362 8 40 4 2 4 6		1	10 64 8 3 5 1 7 5 6 4	
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quanupdate Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit	ons lities Subtotal		1 2	186 2 24 4 1 1 1 1 4 1 2 2			362 8 40 4 2 4 6		1	10 64 8 3 5 1 7 5 6 4	
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quan Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments	ons lities Subtotal		1 2	186 2 24 4 1 1 1 1 1 2 2 4 3			362 8 40 4 2 4 6		1	10 64 8 3 5 1 7 5 6 4	
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quan Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate	ons lities Subtotal		1 2	186 2 24 4 1 1 1 1 2 2 43			362 8 40 4 2 4 6 4 8 76		1	601 10 64 8 3 5 1 7 5 6 4 10 123	
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantupdate Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set	ons lities Subtotal		1 2	186 2 24 4 1 1 1 1 2 2 43			362 8 40 4 2 4 6 4 8 76		1	601 10 64 8 3 5 1 7 5 6 4 10 123	
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quan Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate	ons lities Subtotal		1 2	186 2 24 4 1 1 1 1 2 2 43	0	0	8 40 4 2 4 6 4 8 76	0	1	601 10 64 8 3 5 1 7 5 6 4 10 123	\$8,435.98
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quan Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State	Subtotal		1 2 3	186 2 24 4 1 1 1 1 2 2 43			362 8 40 4 2 4 6 4 8 76		1	601 10 64 8 3 5 1 7 5 6 4 10 123	
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantupdate Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State State Plans (100% Plans)	Subtotal		1 2 3	186 2 24 4 1 1 1 2 2 43	0	0	8 40 4 2 4 6 4 8 76	0	1	601 10 64 8 3 5 1 7 5 6 4 10 123	\$8,435.98
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantupdate Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State State Plans (100% Plans) Address District Review Comments	Subtotal		1 2 3	186 2 24 4 1 1 1 2 2 43	0	0	362 8 40 4 2 4 6 4 8 76	0	1	10 64 8 3 5 1 7 5 6 4 10 123	\$8,435.98
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantificated programmers and Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State State Plans (100% Plans) Address District Review Comments Furnish Signed Original Drawings	Subtotal		1 2 3	186 2 24 4 1 1 1 2 2 43	0	0	8 40 4 2 4 6 4 8 76	0	1 1 0	10 64 8 3 5 1 7 5 6 4 10 123	\$8,435.98
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantupdate Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State State Plans (100% Plans) Address District Review Comments	Subtotal		1 2 3	186 2 24 4 1 1 1 1 2 2 43 4 1 2 2 9	0	0	362 8 40 4 2 4 6 4 8 76	0	0 2 1	10 64 8 3 5 1 7 5 6 4 10 123	\$8,435.98 \$1,849.67
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantificated programmers and Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State State Plans (100% Plans) Address District Review Comments Furnish Signed Original Drawings	Subtotal		1 2 3	186 2 24 4 1 1 1 2 2 43	0	0	362 8 40 4 2 4 6 4 8 76	0	1 1 0	10 64 8 3 5 1 7 5 6 4 10 123	\$8,435.98
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantificated programmers and Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State State Plans (100% Plans) Address District Review Comments Furnish Signed Original Drawings	Subtotal Subtotal Total		1 2 3	186 2 24 4 1 1 1 1 2 2 43 4 1 2 2 9	0	0	362 8 40 4 2 4 6 4 8 76	0	0 2 1	10 64 8 3 5 1 7 5 6 4 10 123 12 1 6 10 29	\$8,435.98 \$1,849.67
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantificated programmers and Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State State Plans (100% Plans) Address District Review Comments Furnish Signed Original Drawings	Subtotal Subtotal Subtotal Total Rate	0	0	186 2 24 4 1 1 1 1 2 2 43 4 1 2 2 9	0 2 2 4	0	8 40 40 4 2 4 4 6 6 4 8 76 8 20 8	0 2 4 6	0 2 1 3	10 64 8 3 5 1 7 5 6 4 10 123 12 1 6 10 29	\$8,435.98 \$1,849.67
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quantificated programmers and Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review meeting Adjust plans for Review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State State Plans (100% Plans) Address District Review Comments Furnish Signed Original Drawings	Subtotal Subtotal Total	0	0 15	186 2 24 4 1 1 1 1 2 2 43 4 1 2 2 9	0 2 2 4 4	0	362 8 40 4 2 4 6 4 8 76 8 4 8 20	0 2 4 6	0 2 1 3 5	10 64 8 3 5 1 7 5 6 4 10 123 12 1 6 10 29	\$8,435.98 \$1,849.67
Final Phase (90% Submittal) Show storm drainage on road Cross Section Adjust design for utility pothole conflicts Finalize culvert & Inlet Sections Finalize drainage details Finalize drainage summary sheets & quant Update Construction Cost Estimate Assemble Standard sheets QAQC review Assemble plans /furnish review set Attend 90% review Comments San Antonio District Plans (95% Submit Address Review Comments Update Construction Cost Estimate Assemble plans /furnish review set Prepare Mylars for submittal to State State Plans (100% Plans) Address District Review Comments Furnish Signed Original Drawings Furnish computerized text & Data files	Subtotal Subtotal Subtotal Total Rate	0	0 15	186 2 24 4 1 1 1 1 2 2 43 4 1 2 2 9	0 2 2 4 4	0	362 8 40 4 2 4 6 4 8 76 8 4 8 20	0 2 4 6	0 2 1 3 5	10 64 8 3 5 1 7 5 6 4 10 123 12 1 6 10 29	\$8,435.98 \$1,849.67 \$1,502.89

Engineering Fee Proposal

			-	ngineering	y ree root	iusdi							
TASK AND DESCRIPTION	SHEETS	PRINCP	PROJ	PROJ	EIT	ENGR	CADD	SURVEY	RPLS	SIT	CLERICAL	HOURS	COST
HOURLY RATE		\$150.00	MGR \$135.00	\$90.00	\$75,00	TECH \$75.00	OPER. \$58.00	CREW(3) \$120.00	\$110.00	\$70.00	\$40.08	- 	
nodict rone	<u></u>	010000	3705.00	[\$02.00	4.4.55	412.05	000.00	2120.00	91(0.00	370.00	240,00		
				FINAL DE	SIGN PHA	SE							
I. BASIC SERVICES	T												
1. Site visits			4	4	4		T		T			12	\$ 1,200
2. Quality Control		8						†			-	8	\$ 1,200
Establish horizontal & vertical surveying control			2		4			8	8	8	· · · · · · · · · · · · · · · · · · ·	30	\$ 2,970
SUBTOTAL	0	9	6	4	8	G	0	8	8	8	0	50	\$ 5,370
II ROADWAY DESIGN									•				
Refine Horizontal & Vertical Alignments		l	1	2	2		T 2	1.	T		T	7	\$ 581
2. Refine & Submit Typical Sections			·	2			2		† · · · · - · ·			4	\$ 296
Refine roadway plan/profile sheets												0	
Clark			0	4	8		12		,			24	\$ 1,656
Intersecting Streets		ļ	0	4	8		12		ļ			24	\$ 1,656
4. Develop Retaining Wall Lavout sheets including							 	 				0	
Clark(east stie) Clark(west side)			1	4	3 8		8 8	 	ļ.———		ļ	21	\$ 1,559 \$ 1,559
Intersecting Streets		 	 		8		8	 				21	\$ 1,559 \$ 1,559
Finalize roadway design cross sections, including			1	2	8		12				†	23	\$ 1,611
intersecting streets (300 sections)												0	
6. Prepare Intersection Grading Plans & address			0	2	- 8	- 8	2	1				20	\$ 1,496
pedestrian issues		ļ			ļ			 	ļ	ļ	ļ	0	
7. Assemble and plot plans			0	1 1	4	1	4				ļ <u> </u>	14	\$ 857 \$ 1,280
Coordinate with Subconsultants Coordinate with CoSA		2	6	6	4		 	1			2	14 20	\$ 2,030
SUBTOTAL	Ö	2	15	39	70	9	70	D	0	0	8		\$ 16,140
OCHIVIAL	·												
III. UTILITY MAPPING & COORDINATION													
Obtain existing utility records and maps													\$
Request utility companies to uncover inaccessible									ļ				\$
surface features							ļ					 	
Request underground utility locates from utility companies					1			ļ	ł			+-4	\$ 281
Compile existing utility data collected in field into The transition of the collected in field into						•		 	t			0	201
electronic mapping files 5. Determine location of existing utilities					1		1		·			2	\$ 133
Conduct field visits to verify utility locations				2	2		·					4	\$ 330
Request additional information from utility companies and				1	1							2	\$ 165
resolve discrepancies									ļi				
Submit utility layouts to utility companies for review								ļ					<u> </u>
and verification				1	7		2					4	\$ 281
Edit utility layouts per utility company comments Coordinate with utility companies on relocations				2	2				 				\$ 330
SUBTOTAL	0	0	0	7	8	0	5	0	0	0	0		\$ 1,520
IV. DRAINAGE													
1. Assemble Final Drainage Plans			0	1	2		I					3	\$ 240
Coordinate with Drainage Subconsultant			2	2	8						2	14	\$ 1,130
Review of Subconsultant plans			1	4		4					ļ <u>.</u>	9	\$ 795
Coordinate with CoSA		1	2	4			ļ					7	\$ 780
Prepare final Storm Water Pollution Prevention Plans SW3P, production SW3P, controls and magazine							ļ		 			 	
(SW3P) Including SW3P controls and narrative. SUBTOTAL	0	,	5	11	10	4		0	0	0	2	33	\$ 2,945
GOSTOTAL		<u> </u>	L	لسكنيا	·····		<u> </u>	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •		· ~ ~		
V. SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION													
Finalize Signing and Delineation Layouts including pay			1	2	4	4	4					15	\$ 1,147
item quantities.							ļ					0	
Finalize Pavement Marking Lavouts including pay item			1	2	4	4	4					15	\$ 1,147
					<u>-</u>	,		ļ	ļ			0	
quantities			1 1	2	4		2	ļ	 		ļ	13	\$ 1,031 \$ 893
Prepare Traffic Signal lavouts and quantilies					4 1		1 4						
Prepare Traffic Signal lavouts and quantities Prepare phase sequence diagrams				4 2	4 8		8						
Prepare Traffic Signal lavous and quantilies Prepare phase sequence diagrams Prepare construction details sheets			1	2	8	8	8					18	\$ 1,24
Prepare Traffic Signal lavouts and quantilities Prepare phase sequence diagrams Prepare construction details sheets Update Summary of Small, Pavement Markins Summary			1			8							\$ 1,24 \$ 1,33
Prepare Traffic Signal lavouts and quantities Prepare Index sequence diagrams Prepare construction details sheets Update Summary of Small, Pavement Markins Summary A Traffic Signal Summary			1 1	2	8	8	8					18 17	\$ 1,24 \$ 1,33 \$ 1,44
Prepare Traffic Signal lavouts and quantilities Prepare phase sequence diagrams Prepare construction details sheets Update Summary of Small, Pavement Markins Summary		1		2	4		8 2	0	0	0	2 2	18 17 0	\$ 1,24

			E	ngineerin	g Fee Prop	osal							
TASK AND DESCRIPTION	SHEETS	PRINCP	PROJ	PROJ	EIT	ENGR	CADD	SURVEY	RPLS	SIT	CLERICAL	HOURS	COST
			MGR	ENGR		TECH	OPER.	CREW(3)					
HOURLY RATE		\$150,00	\$135.00	\$90.00	\$75.00	\$75.00	\$58.00	\$120.00	\$110.00	\$70.00	\$40.00		
			FINA	AL DESIGN	PHASE(Co	ntinued)							
VL MISCELLANEOUS ROADWAY			12012										
Finalize Title Sheet and Index		T	0	1		l	1	1	1		1	2	S 1
2. Finalize Grading, Driveway, Earthwork, Removal Items,			1	2	4	8	2	1	1		l	17	\$ 1,3
Traffic Control, and SW3P Summary Sheets		l	1									0	1,5
3. Finalize Schedule of Barricades		1	0	1	2		2	1				5	\$ 3
4. Finalize Removal Item Sheets			1		2	2	2					7	\$ 5
5. Finalize miscellaneous roadway details.		1	1	2	Z	Z	4	 				11	\$ 5
6. Finalize traffic control plans, detours, and sequence of		1	1	4	4	4	12					25	\$ 1.7
work narrative including quantities & summaries.			1					T			T	0	
7. Assemble and plot Standard Sheets	46		0	2	2	8	8					20	\$ 1,3
Calculate quantities and prepare summary sheets.			1 1	2	4	12	2]				21	\$ 1,6
Update opinion of probable construction cost using		l	1	2		8						11	\$ 9
TxDQT Estimator Software.		l	1									0	
10. Prepare construction time estimate (CPM schedule)		<u> </u>	2	8	. 8	00	1	L				18	\$ 1,5
with Microsoft Project				L								0	
11. Assemble and plot plans		L	0	2	4	8	8]				22	\$ 1,5
12. Prepare special specifications for non-standard			. 1	2	8	8						. 19	\$ 1,5
items, if required.			1	L			İ					0	
13. Prepare general notes, and special provisions	2	l	11	8		16						25	\$ 2,0
14. Attend Final Design Review Meeting			4	4				<u> </u>				8	\$ 9
15, Address review comments			1 4	8	4	4	24					44 .	\$ 3,2
SUBTOTAL	48	0	18	48	44	80	65	0	0	0	0	255	\$ 19,8
VII. PUBLIC INVOLVEMENT													
Prepare for and attend two Public Meetings	T		4	4			T	T				8	\$ 9
SUBTOTAL	0	0	4	4	0	0	0	0	0	0	0	8	\$ 9
			,										
SUBTOTAL FINAL DESIGN PHASE	48	12	55	126	164	121	163	8	8	8	12	677	\$ 55,7

		,	JLARK AV	ENUE, F	AIR TO S	OUTHCRO	088						
			E	ngineerin	g Fee Prop	oosal							
TASK AND DESCRIPTION	SHEETS	PRINCP	PROJ	PROJ	EIT	ENGR	CADD	SURVEY	RPLS	SIT	CLERICAL	HOURS	COST
HOURLY RATE	ļ	\$150.00	MGR \$135.00	\$90,00	\$75.00	TECH \$75.00	OPER, \$58.00	CREW(3) \$120,00	\$110,00	\$70.00	\$40.00	1	
Hookerione	-la	\$100.00	2195.00	1 000.00	27.5.00	473.00	\$50.00	3120.00	3110.00	370.90	\$40.00		
				TXDOT P	S & E PHA	ASE							
Submit PS&E Package to COSA including:	1	1		L	Τ			<u> </u>		I	I	0 1	
Four sets and two sealed & signed sets of plans (paper)	<u> </u>		1	1	8		4				4	18	5 1,2
Final Estimate of Probable Construction Cost		ļ	11		4	4						9	\$ 7
General Notes and Specification Data		_	1	1	J	4	<u> </u>					6	\$ 5
Special Specifications and/or Special Provisions with			11		2	4							\$ 5
Form 1815	 	.							L			0 1	
Final Contract Time Determination		<u> </u>	1	4	<u> </u>	4	ļ		L	<u> </u>			\$7
Special Provision for Detour, Barricades, Warning Signs,						2	ļ		<u> </u>			2	\$ 1
and Sequence of Work					ļ	ļ	!			.		0	
PS&E Submission Data (Form1002)	ļ <u> </u>	1	1	2		2	1		1			5	\$ 4
Public Affairs Office (PAO) Form	<u> </u>	ļ	2		<u> </u>			L				2	\$ 2
2. Address TxDOT Area Office comments		<u> </u>	2	2	4		16					24	\$ 1,6
Submit one paper copy to San Antonio District Office			1		2		4		l		2	9	\$ 5
4. Address TxDOT SA District Office review comments	<u> </u>		1	İ	2		8					11	\$ 7
Submit signed/sealed original Mylar copies to TxDOT			1		2							_ 3	\$ 2
Austin office		.1			1							0	
Address TxDOT Austin Office review comments	İ	İ	11		4		8					13	\$ 8
7. Submit revisions to signed/sealed original Mytar plans to			1		_2		2					5	\$ 4
TxDOT Austin office				1			1					0	
8. Prepare CD for transfer of files			1		T		2					3	\$ 2
SUBTOTAL	0	0	16	10	30	20	44	0	0	0	6	126	\$ 9,6
TOTALS	169	19	137	375	748	310	879	8	8	8	41	2533	\$ 197,58
				DIREC	CT COSTS							•	
								ПЕ		SHEETS	COST	ТТ	TOTALS
		1						Plotting/			\$ 0.25		\$ 1,750.0
		1						Cross S		14 rolls @			\$ 350.0
PRELIMINARY DESIGN PHASE	\$ 57,914							Myla			\$ 2.00		\$ 434.6
NTERMEDIATE DESIGN PHASE	\$ 74,270							IVI VIG	113		OTAL DIRECT COS		\$ 2,534.0
	\$ 55,794										DIAL DIKECT COS		2,004.
FINAL DESIGN PHASE	\$ 9,602	1											
TXDOT PS&E PHASE		1											
DIRECT COSTS	\$ 2,534	i								CEC E	NGINEERING FEE=	•	\$ 200,114.0
TOTAL PROJECT FEE	\$ 200,114												
170		J									CEC FEE	-	200 444
										F			200,114.
											BA-KISTNER FEE:		13,129.
										MAESTA	AS & BAILEY FEE:		56,768.
											TOTAL FEE=		270,011.6

City of San Antonio Discretionary Contracts Disclosure For use of this form see City of San Antonio Ethics Code. Part D, Section 1&2

Whom Made To:	Amount:	Date of Contribution:
David Carpenter	\$100	10/21/02
Enrique Barrera	\$100	10/21/02
Carroll Schubert	\$150	5/1/03
Julian Castro	\$100	5/1/03
Enrique Barrera	\$150	5/1/03
Toni Moorhouse	\$150	5/1/03
John Clamp	\$150	5/1/03
Ed Garza	\$150	5/1/03
Roger Flores	\$150	5/21/03
Joel Williams	\$150	5/21/03
Richard Perez	\$150	5/21/03
Patty Radie	\$150	5/21/03
Art Hali	\$150	5/21/03
Chip Haas	\$150	5/21/03
Richard Perez	\$150	9/26/03

Disclosures in Proposals

Any individual or business entity seeking a discretionary contract with the city shall disclose any known facts which reasonably understood, raise a question 1 as to whether any city official would violate Section 1 of Part B by participating in official action relating to the discretionary contract.

Signature: / Title: Principal	Date:
Jamet W. Armus Company: Civil Engineering Consultants	12/1/03

For purpose of this rule, facts are "reasonably understood to "raise a question" about the appropriateness of official action if a disinterested person would conclude that facts, if true, require recusal or require careful consideration of whether or not recusal is required.