CONSENT AGENDA **CITY OF SAN ANTONIO** INTERDEPARTMENTAL MEMORANDUM PUBLIC WORKS DEPARTMENT 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; Peter Zanoni; Milo D. Nitschke; and file

SUBJECT:

Tezel Road – Timber Path to Old Tezel

DATE:

June 10, 2004

SUMMARY AND RECOMMENDATIONS

This ordinance amends the professional services contract in the amount of \$60,548.00, payable to Chiang, Patel & Yerby, Inc., for additional professional engineering services, and authorizes \$6,055 in additional engineering contingency funds, for an overall total amount of \$66,603, in connection with Tezel Road - Timber Path to Old Tezel, an authorized Metropolitan Planning Organization (MPO) project, funded with 1999-2004 General Obligation Street Improvement Bonds, located in Council Districts 6 and 7.

Staff recommends approval of this ordinance.

BACKGROUND INFORMATION

The Tezel Road - Timber Path to Old Tezel project provides for the reconstruction of Tezel Road to a width of 72-foot, which will include turn lanes, curbs, 6-foot sidewalks, necessary drainage, signal improvements, and 6-foot bicycle lanes.

This ordinance will amend the professional services agreement for additional professional engineering services in the amount of \$60,548.00 for revisions to the 95% Preparation of Plans, Specifications, and Estimate (PS& E). The necessary revisions include services to modify the storm sewer system in order to comply with the 401 Best Management Practice (BMP) Design required by the Texas Department of Transportation (TxDOT), as well as the American Disabilities Act (ADA) redesign needed to meet the cross-slope minimum requirement. A proposal for additional services in connection with Tezel Road - Timber Path to Old Tezel was provided by Chiang, Patel & Yerby, Inc. and is included herein as Attachment 2. Two (2) different options were submitted for the ADA redesign and the Public Works Department chose Option 1.

The professional services agreement for Tezel – Timber Path to Old Tezel was originally approved by City Ordinance Number 87886 on June 4, 1998 and initially authorized \$444,606.00 for design services. Subsequent Council action has increased the contract amount to \$670,261.00. This ordinance will increase the total authorized for this professional services agreement to \$730,809.00.

This ordinance also authorizes additional engineering contingency in the amount of \$6,055.

Project construction for the project is anticipated to begin November 2004 and be completed March 2006.

POLICY ANALYSIS

Approval of this ordinance will be a continuation of City Council policy to participate in the development and construction of City selected and approved MPO projects, which are approved annually by City Council.

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 \$66,603 are available from 1999-2004 General Obligation Street Improvement Bonds and are authorized payable as follows:

\$60,548.00	payable to Chiang, Patel & Yerby, Inc. for professional services
\$ 6,055.00	payable for additional engineering contingency

COORDINATION

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

SUPPLEMENTARY COMMENTS

The Discretionary Contracts Disclosure Form required by the Ethics Ordinance is attached and is included herein as Attachment 3.

ATTACHMENTS

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

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

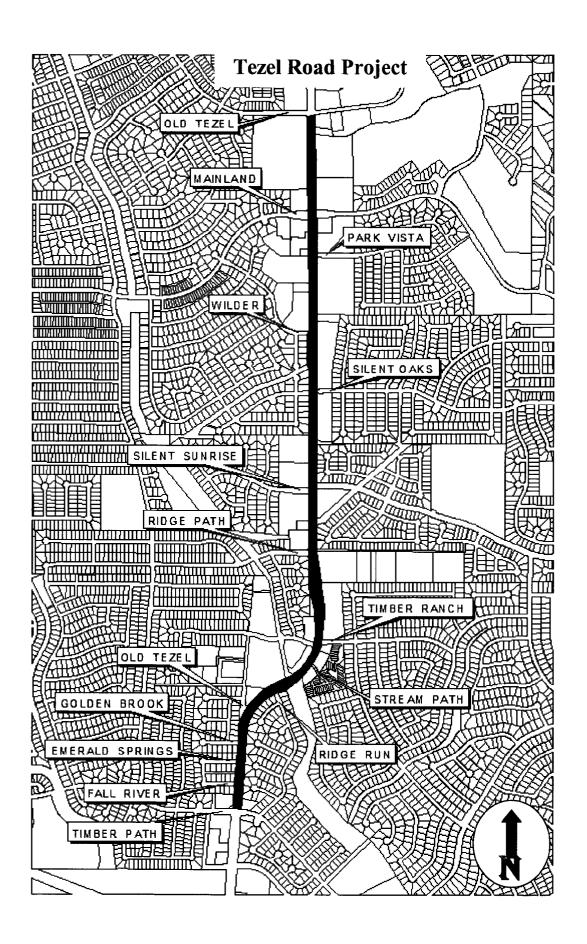
Approved:

Melissa Byrne Vossmo

Assistant City Manager

Terry M. Prechtel

City Manager





Partners for a Better Quality of Life

May 12, 2004

David Matney, P.E.
Project Manager
City of San Antonio
PO Box 839966
San Antonio, Texas 78283-3966

RE: Tezel Road - From Timber Path to Old Tezel Fee Proposal - BMP & ADA Revisions

Dear Mr. Matney:

As per your request, attached is a Fee Proposal for additional professional services for BMP Design and ADA for the mentioned project.

I have attached two Fee Proposal Options for the ADA. Please refer to the attached e-mail which explains these two options. As directed, these options do not include any revisions to the Tezel main lane profile.

If you have any questions, please call me at (210) 494-8004.

Sincerely,

Chiang, Patel & Yerby, Inc.

l MUGE

Charles Aldrete, P.E.

Attachments

cc: File CSA 9803 - Contracts

Chiang, Patel & Yerby, Inc. 300 East Sonterra Boulevard, Suite 430, San Antonio, Texas 78258 210.494.8004 • 210.494.8286 fax



Attachment A

Cost Proposal for Work Authorization Tezel Road Project Preparation of Plans, Specifications and Estimate BMP Design

For the additional professional services of PS&E development of BMP Design for the above mentioned project, we request compensation on a lump sum basis. The estimated maximum hours and dollars to accomplish this work are shown below. The breakdown for man-hours and costs per function code are shown on the following pages.

I. Basic Engineering Services

Estimate of Maximum Compensation - All Function Codes

Direct Salary Cost (See Exhibit A)

Project Manager	50 hrs @ \$32.00 =	\$	1,600.00
Sup Design Engineer	98 hrs @ \$27.00 =	\$	2,646.00
Design Engineer	82 hrs @ \$22.00 =	\$	1,804.00
CADD Technician	116 hrs @ \$19.75 =	\$.	2,291.00
Clerical	0 hrs @ \$14.00 =	\$	0.00

Total Direct Salary	\$ 8,341.00
Salary Related Cost (165%)	\$ 13,763.00
Total Labor Cost	\$ 22,104.00

Expenses

Maximum Amount Payable (CP&Y)	\$	25,420.00
Fee (Profit)	\$	3,316.00
Total Expenses	\$	0.00
Travel Misc Expenses (Courier & Fax)	\$ \$ \$	0.00 0.00
Printing & Reproduction	\$	0.00

City of San Antonio Tezel Road - BMP Design Manhour Breakdown

			nhour Bre							
Task	Project Manager	Supv. Des. Engineer	Design Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per Sheet	Direct Lebor	Overhead Cost
TO-VERMAN PROMOTE THE ASSESSMENT OF THE PARTY.								<u> </u>		332
		1]					}		
I. Route and Design Studies (110)			1		1					
A. Preliminary Design Studies	0	0	ō	0	0	ō	0	0	\$0	\$0
B. Data Gathering & Coordination	0		0	Ö	0	ŏ	ő	Ö	\$0	\$0
C. Design Meetings	6		0	0	0	12	ō	Ö	\$354	\$584
D. Design Concept Conference Project Mar Coordination / Core and Soil Hole Orilling	ļ <u> </u>		0	0	0	. g	0	0	\$0	\$0
E. Project Mgr Coordination / Core and Soil Hole Orilling F. Utility Coordination	0		0	0	0	0	0	. 0	\$0	\$0
G. Design Schematics - Revisions	8		8	0	0	24	0	. 0	\$648	\$1,069
	-	\ <u>`</u>	- "		0	0	0	0	\$0	\$0
Subjotals	14	14	8	0	0	36	G		\$1,002.00	\$1,653.00
II. Social/Economic/Environmental Studies & Public Involvement (12	1 <u>20)</u> T									
A. Environmental Questionaire	0	o	0	G	0			 _		i
B. Public Involvement	ď		0	0	0	0	0	0	\$0	\$0
C. Project Mgr Coordination / Environmental Division	0		ő	0	Ö	0	0	0	\$0 \$0	\$0 \$0
D. Project Mgr Coordination / Design Enhancements	0	0	0	G	0	0	0	0	\$0 \$0	\$0
Subtotals		0	0	0	ō					
	<u>-</u>		U U	U	-	0	0		\$0.00	\$0.00
III. Field Surveying (150)										: !
A. Project Management - Coordination	0		0	a	. 0	0	0	0	\$0	\$0
B. Field Data Reduction & Review	0	0	0	0	0	0	0	Ō	\$0	\$0
Subtotals	0	0		0	0	- 0			\$0.00	\$0,00
(V. Roadway Design Controls (160)									30.00	\$0,00
A. Data Review		0	0							
B. Horizontal/Vertical Alignments - Roadway & Intersecting Streets		- 0	0	0	0	0	0	- 0	\$0	\$0
C. Title Sheet/Sheet Index (Update @ All Submittals)	0	Ö	0	0	0	0	0	0	\$0 \$0	\$0
D. Revise Project Layout Sheets	0	Ó	ő	Ö	- 0	0	0		\$0 \$0	\$0
E. Typical Sections	0	0	0	0	. 0	0	0	0	\$0	\$0
F. Revise Roadway Plan/Profile	0	0	0	0	0	0	4	0	\$0	\$0 \$0 \$0
G. Misc. Details H. Revise Intersection Layouts	0	0	0		0	0	0	0	\$0	\$0
I. Utility Layouts	0	0 4	0	0	0	0	3	0	\$0	\$0
J. Cross Sections		4	4	24 32	0	34	0	0	\$734	\$1,211
K. Meetings w/COSA (3 Meetings)	6	6	0	0	0	42 12	0	0	\$892 \$354	\$1,472
L. Meetings w/Subconsultants (1/2 Month for 18 Months)	0	0	G	å	<u> </u>	o l	0	0	\$0	\$584 \$0
Subtotals	10	14	- 8	56						
			9	36	0	88	7		\$1,980.00	\$3,267.00
V. Drainage Design (161)						į			1	
A Revise Preliminary Hydrologic/Hydraulic Report	0	0	0	0	0	. 0	0	0	\$0	\$0
B. Exterior D. A. Map C. BMP Calculations & Structure Sizing	0	0	0	O	0	0	0	0	\$0	\$0
D. Revise Hydrologic/Hydraulic Calculations	4	10	24	0	0	38	3	13	\$926	\$1,528
E Revise Culvert Layouts/Bridge Layouts	2	6	10 0	0	0	16	0	0	\$446	\$736
F. Revise Storm Sewer Plan/Profile & Laterals	4	8	8	0	0	G 20	3	7	\$0	\$0
G. Misc. Details	2	8	8	40	ő	58	3	58	\$520 \$1,246	\$858
H. Revise Quantity Summary Sheets	2	2	4	4	Ŏ	12	1	12	\$285	\$2,056 \$470
Subtotals	14	34	54	44	0					
VI. Signing, Pavement Markings & Signalization (162)	14	34	54	44	0	146	11		\$3,423.00	\$5,648.00
A. Revise Signing and Pavement Marking Layouts										
B. Signal Layout Sheets / Details	0	0	0	0	0	0	0	0	\$0	\$0
					<u> </u>	0	0	0	\$0	\$0
Subtotals	0	0	C	0	0	0	0		\$0.00	\$0.00
										77,00

City of San Antonio Tezel Road - BMP Design Manhour Breakdown

	Project	Supv. Des.	Design	1 CADD	1	Total	No. of	Hrs. Per	Direct	
Task	Manager	Engineer	Engineer	Tech	Cierical	Hours	Sheets	Sheet	Labor	Overhead Cost
151 845								Great	LEGOT	COSL
VII. Miscelianeous (163)	ı	1								
A. Revise TCP / Sequence of Construction / Plans		0	0	- 0	0					
B. Revise SW3P	0	i o	0	- 0	- 6	0	10	0	\$0	50
C. Safety Review Team Meetings (60% & 90%)	0	ö	0	0	0	0	6		\$0	\$0 \$0 \$0
D. Temporary Traffic Signal Layouts/Details	0		Ö	- 0	0	- v	- 0	0	\$0	\$0
E. Develop Quantities	2	2	8	0	- 0	12		<u> </u>	\$0	\$0
F. Summery Sheets		ō		- 0		12	0	0	\$294	\$485
G. Engineer's Cost Estimate	2	2		- 6	- 6	B	0	0	\$0	\$0
H. Construction Timeline Determination	-	8	7	0	0	12	0	0	\$206	\$340
General Notes, Specs, and Provisions	1 4	24	0	9	- 0	28	0	0	\$344	\$568
J. Project Management Coordination - Landscane Arch /Artist	n	Ö	- 0	0	0		0	0	\$778	\$1,280
K. Project Management Coordination - ADA Sub Consultant	0	ō	0	0	0	0	0	0	\$0	\$0
L. Venance Forms - ADA	1 0	0	0	0		0	0	0	\$0	20
M. CADD Management	0	Ö	0	16		0	0	0	\$0	\$0
	ļ			10	0	16	0	0	\$316	\$521
Subtotals	12	36								
	14	30	12	16	G	76	16	l	\$1,936.00	\$3,194.00
Totals for Function Code 110	14	14	6	o	0	36				
Totals for Function Code 120	6	Ö	8	0	0	36	0		\$1,002	\$1,653
Totals for Function Code 150	0	0	0	ŏ	0				\$0	\$0
Totals for Function Code 160	10	14				0	. 0		\$0	\$0
Totals for Function Code 161	14	34	54	56	0	88	7		\$1,980	\$3,267
Totals for Function Code 162	0	0	- 34	44	0	146	11		\$3,423	\$5,648
Totals for Function Code 163			0	0	0	0	0		\$0	\$3
The same of the sa	12	96	12	16	0	76	16		\$1,936	\$3,194
Grand Totals	50	98	82	116	0	246	24	 		
		30	62	110	Ų	346	34	i i	\$8,341.00	\$13,763.00

	Total	Direct	Overhead	Fixed]		Misc.	Subtotal	Total CP&Y
Function Code	Hours	Labor	165.00%	Fee	Print / Repro	Travel	Expenses	Expenses	Fee
Totals for Function Code 110	36	\$1.002	\$1,653	\$398					
Totals for Function Code 120		\$0	\$0	\$0	}		\$0	\$0	\$3,054
Totals for Function Code 150		\$0	50	02	 			\$0	\$0
Totals for Function Code 160	88				 			\$0	\$0
Totals for Function Code 161		\$1,980	\$3,267	\$787	 			\$0	\$6,034
otals for Function Code 162	146	\$3,423	\$5,648	\$1,361	 			\$0	\$10,432
otals for Function Code 163	0	\$0	\$0	\$0	<u> </u>			1	\$0
	76	\$1,936	\$3,194	\$770	1				\$5,900
Expenses					\$0	\$0	\$0	\$0	\$0
Project Totals	346	\$8,341	\$13,763	\$3,316	\$0	\$0	so	\$0	\$25,419

Total Maximum Fee for Basic Engineering Services

Exhibit A Chiang, Patel & Yerby, Inc. Page Z of 2

\$25,419

Attachment A

Cost Proposal for Work Authorization Tezel Road Project Preparation of Plans, Specifications and Estimate ADA Design (Option 1)

For the additional professional services of PS&E development of revised ADA Design for the above mentioned project, we request compensation on a lump sum basis. The estimated maximum hours and dollars to accomplish this work are shown below. The breakdown for man-hours and costs per function code are shown on the following pages.

I. Basic Engineering Services

Estimate of Maximum Compensation - All Function Codes

Direct Salary Cost (See Exhibit A)

Project Manager	58 hrs @ \$32.00 =	\$ 1,856.00
Sup Design Engineer	72 hrs $\overset{\smile}{@}$ \$27.00 =	\$ 1,944.00
Design Engineer	116 hrs $@$ \$22.00 =	\$ 2,552.00
CADD Technician	262 hrs @ \$19.75 =	\$ 5,175.00
Clerical	0 hrs $@$ \$14.00 =	\$ 0.00

Total Labor Cost	\$ 30,546.00
Salary Related Cost (165%)	\$ 19,019.00
Total Direct Salary	\$ 11,527.00

Expenses

Maximum Amount Payable (CP&Y)	\$	35,128.00
Fee (Profit)	\$	4,582.00
Total Expenses	\$	0.00
Printing & Reproduction Travel Misc Expenses (Courier & Fax)	\$ \$ \$	0.00 0.00 0.00
Printing & Reproduction	\$	0.00

City of San Antonio Tezel Road - ADA Revision Option 1 Manhour Breakdown

	1 6-3-3-3-	1418	unour Br	eakdown						
Tesk	Project Manager	Supv. Des, Engineer	Design Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per	Direct	Overhead
Made Renderrouse and the Grant Res					1		CHROCES	Sheet	Labor	Cost
l. Route and Design Studies (110)	7									
A Preliminary Design Studies	├			L				l		
B. Data Gathering & Coordination	1		0		0	0	. 0	- 0		
C. Desan Meetings						0	0	0		
D. Besign Concept Conference	1 8			0	0	0	Ö	0		
E Project Mgr Coordination / Core and Soit Hole Drilling	1 6		0	0	0	0	0	ő		
r. Outry Goordination	1 - 6		0	0	. 0	0	0	ō	\$0	
G. Design Schematics - Revisions	1 0	ő	0	0	0	0	0	0	\$0	
Subtotals			V	0	0	0	0	0	\$0	
l. Sociel/Economic/Environmental Studies & Public Involvement (1:	9	- 6	0	0	0	0	0		\$0.00	\$0.
A. Environmental Questionsins						[
B. Public Involvement	0		0	a	0	0				
C. Project Mar Contribution / Engineermental District			0	0	ő	0	0	0	\$0	
D. Project Mgr Coordination / Design Enhancements	0		0	Ö	ő	- 0		0	\$0	
The sign content of the sign contents	0	0	0	0	Ö	0		0	\$0	
pubtotals	G	0					0	0	\$0	
l. Fleid Surveying (150)	1		0	0	0	0	0		\$0.00	\$0,0
		-			į	į	I			
A. Project Management - Coordination B. Field Data Reduction & Review	0	- 0	0	- 6						
S. Froid Date Reduction & Review	0	0	o l	- 6	0	0	0	0	\$0	
1btotals	0					0	- 0	- 0	\$0	
Roachurus Donlar Control (1991		o o	0	0	0	0	0		\$0.00	\$0.0
Roadway Design Controls (160)		ŀ		1]					
A. Data Review	0	0	0						I	
B. Horizontal/Vertical Alignments - Roadway & Intersecting Streets	8	8	24	0	0	0	0	0	\$0	\$
	o	0	0	40	0	80	0	0	\$1,790	\$2,95
D. Revise Project Layout Sheets	0	Ö	0	0	0	0	0	0	\$0	<u>\$2,53</u>
E. Typical Sections F. Revise Roadway Plan/Profile	o	0	0	0	0	0	0	0	\$0	
G. Misc. Details	0	0	ő	- 6		0	0	0	\$0	s
H. Region Internation I	2	2	8	10	0	0	0	0	\$0	5
H. Révise Intersection Layouts (12 intersections) I. Utility Layouts	12	12	48	80	0	22	4	6	\$492	\$81
J. Cross Sections	0	0	0	0	0	152	12	13	\$3,344	\$5,51
K. Meetings w/COSA	6	6	12	40	- 0	0	0	0	\$0	\$
Moctans w/Coba	4	4	0		0	64	0	0	\$1,408	\$2,32
L. Meetings w/Subconsultants (1/2 Month for 18 Months)	0	0	- 0	0	- 0	8 0	0	0	\$236	\$389
btotals	32	32					0	0	\$0	50
Drainage Design (161)		32	92	170	0	326	16		\$7,269.50	\$11,995.00
A. Revise Preliminary Hydrologic/Hydraulic Report										
D. EXCEROF L. A. Man	0	0	0	0	0	0	o			
C. BMP Calculations & Structure Sizing	0	0	0	0	0	0	ő	0	\$0	\$0
U. Revise Hydrologic/Hydraulic Calculations		0	0	0	0	0	0	0	\$0	\$0
E. Revise Culvert I avouts/Bridge I avouts	- 0	0		0	0	0	0	0	\$0 \$0	\$0
F. Revise Storm Sewer PlantProfile 8 Laterta	4		0	0		0	0	ő	\$0	\$0
G. MISC. Details	7	8	16	20	0	48	8	6	\$1,091	\$0
H. Revise Quantity Summary Sheets	0	0	0	0	0	0	0	0	\$1,091	\$1,800 \$0
ototals			0	0	0	0	0	Ŏ	\$0	\$0 \$0
	4	8	16	20	0	48	- 8			
Signing, Pavement Markings & Signalization (162)						- 15			\$1,091.00	\$1,800.00
A. Revise Signing and Pavement Marking Layouts							1		į.	
3. Signal Layout Sheets / Details	0	0	0	0	0	0	0	0	\$0	
riotals		<u>-</u> -	0	0	0	0	0		\$0	\$0 \$0
sergio -	0	0	o l			- 0				
						<u> </u>	0	ſ	\$0.00	\$0.00

City of San Antonio Tezel Road - ADA Revision Option 1 Manhour Breakdown

	Project	Supv. Des.	Design							
Task	Manager	Engineer	Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per Sheet	Direct Labor	Overhead Cost
VII. Miscellaneous (163)							3.03.0	Sheat	Laboi	Coat
	ł		l				l			
A. Revise TCP / Sequence of Construction / Plans	0	0	0	o	n	0	0	o	\$0	
B. Revise SW3P	0	O	Ö	Ō	Ô	ō		i	\$60	
C. Safety Review Team Meetings (60% & 90%)	0	Ū	Ō	0	Ö	ő	ŏ	0	\$0 \$0	
D. Temporary Traffic Signal Layouts/Details	0	0	O	n	0	0	ŏ	0	\$0	
E. Develop Quantities	2	4	10	16	0	32	Ö	- 0	\$708	
F. Summary Sheets	2	4	10	16	0	32	10	3		\$1,16
G. Engineer's Cost Estimate	2	8	0	6	0	10	0	3	\$708	\$1,16
H. Construction Timeline Determination	8	8	Ö	Ď	0	16	- 0		\$280 \$472	\$46
General Notes, Specs, and Provisions	8	8	ō	Ğ	0	16	0	0		\$77
J. Project Management Coordination - Landscape Arch./Artist	0	0	Ö	0	0	0	0		\$472	\$77
K. Project Management Coordination - ADA Sub Consultant	0	0	Ö	0	0	0	9	0	\$0	\$
L. Veriance Forms - ADA	0	- ŭ	ŏ	0	0	0		0	\$0	
M. CADD Management	0	0	0	40	0		0	0	\$0	\$
				40		40	0	0	\$790	\$1,30
Subjectals	22	32	20	72						
	+	32	20	12	0	146	10		\$3,430.00	\$5,660.0
Totals for Function Gode 110	0	0	n	ام	۸	. 0		[
Totals for Function Gode 120	0	G	0	0	0	0	0			\$
Totals for Function Code 150	0	ä	0			0			\$0	
Totals for Function Code 160	32	32	92	170		326	0		\$0	Şi
Totals for Function Gode 161	4	8	16				16		\$7,270	\$11,999
Totals for Function Code 162	7	ő	0	20	- G	48	8		\$1,091	\$1,80
Totals for Function Code 163	22	32		0	0	0	0	L	\$0	\$1
	- 22	32	8	72	0	146	10		\$3,166	\$5,22
Grand Totals	58	72	116	262	0	520	34	 		
		12	110	202		320	34		\$11,526.50	\$19,019,0

	Total	Direct	Overhead	Fixed	1 1	Į	Misc.	Subtotal	Total CP&Y
Function Code	Hours	Labor	165.00%	Fee	Print / Repro	Travel	Expenses	Expenses	Fee
Otals for Function Code 110	ا	\$0	s o	\$0	}		\$0	\$0	\$0
Totals for Function Code 120	0	\$0	\$0	50	1		- 40	\$0	\$0 \$0
otals for Function Code 150	0	\$0	\$0	\$0				\$0	\$0
otals for Function Code 160	326	\$7,270	\$11,995	\$2,890				\$0	\$22,154
otals for Function Code 161	48	\$1,091	\$1,800	\$434		~			
otals for Function Code 162	0	\$0	\$0	\$0				\$0	\$3,325
otals for Function Code 163	146	\$3,166	\$5,224	\$1,258					\$0 \$9,648
xpenses					\$0	\$0	\$0	\$0	\$0
Project Totals	520	\$11,527	\$19,019	\$4,582	\$0	\$0	\$0	\$0	\$35,127

Exhibit A Chiang, Patel & Yerby, Inc. Page 2 of 2

\$35,127

Attachment A

Cost Proposal for Work Authorization Tezel Road Project Preparation of Plans, Specifications and Estimate ADA Design (Option 2)

For the additional professional services of PS&E development of revised ADA Design for the above mentioned project, we request compensation on a lump sum basis. The estimated maximum hours and dollars to accomplish this work are shown below. The breakdown for man-hours and costs per function code are shown on the following pages.

I. Basic Engineering Services

Estimate of Maximum Compensation - All Function Codes

Direct Salary Cost (See Exhibit A)

Project Manager	45 hrs @ \$32.00 =	\$ 1,440.00
Sup Design Engineer	51 hrs @ \$27.00 =	\$ 1,377.00
Design Engineer	108 hrs @ \$22.00 =	\$ 2,376.00
CADD Technician	220 hrs @ \$19.75 =	\$ 4,345.00
Clerical	0 hrs @ \$14.00 =	\$ 0.00

Total Labor Cost	\$ 25,276.00
Salary Related Cost (165%)	\$ 15,738.00
Total Direct Salary	\$ 9,538.00

Expenses

Printing & Reproduction	\$ 0.00
Travel	\$ 0.00
Misc Expenses (Courier & Fax)	\$ 0.00
Total Expenses	\$ 0.00
Fee (Profit)	\$ 3,791.00
Maximum Amount Payable (CP&Y)	\$ 29,067.00

City of San Antonio Tezel Road - ADA Revision Option 2 Manhour Breakdown

	· · · · · · · · · · · · · · · · · · ·		<u>nhour Br</u>					•		
Task	Project Manager	Supv. Des, Engineer	Design Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per Sheet	Direct Labor	Overtiead Cost
				<u> </u>			Chicons	Graph	LADOI	COST
	1									
1. Route and Design Studies (110)			1]				
A. Preliminary Design Studies	0	0	1 - 6		0		0			l
B. Data Gathering & Coordination	Ö		ŏ				0	0	\$0	\$60
C. Design Mestings	0		ō	ō	ŏ	ő	o o	0	\$0 \$0	\$0
Design Concept Conference			ō	0	ő	ő	0	Ö	\$0 \$0	\$0 \$0
E. Project Mgr Coordination / Core and Soil Hole Drilling	0		0	0	0	o o	Ö	ő	\$0 \$0	\$0
F. Utility Coordination G. Design Schematics - Revisions	0		G	0	0	0	0	ŏ	\$0	\$0
G. Design Schematics - Revisions	0	Ö	0	O.	Q	Q.	0	0	\$0	\$0
Subtotals	O	0	0	0	0	0			\$6,00	\$9.00
II. Social/Economic/Environmental Studies & Public Involvement (12) ()						3		93,05	30.00
A. Environmental Questionaire		- 0	Ō	0	0	0				
B. Public involvement	0		Ö	0	0	0	0	0	\$0	\$0
C. Project Mgr Coordination / Environmental Division	ō	ŏ	0	0	0	0	<u>0</u>	0	\$0	\$0
Project Mgr Coordination / Design Enhancements	0	0	Ō	0	Ö	0	0	0	\$0	\$0
Subtotals									\$0	\$0
	0		0	- 6	ō	0	0		\$0.00	\$0.00
III. Field Surveying (150)										
A. Project Management - Coordination	0	0	0	0	0	ō	0			
Field Date Reduction & Review	0	0	0	Ŏ	0	ő	- 0		\$0 \$0	\$0 \$0
Subtotals	0	0								
IV. Roadway Design Controls (160)		U	Ö	0	0	0	0		\$0.00	\$0.00
					({		ł	[
A. Data Review	0	0		0			- 0		\$0	
B. Horizontal/Vertical Alignments - Roadway & Intersecting Streets	8	8	24	40	0	80	ő	0	\$1,790	\$0 \$2,954
C. Title Sheet/Sheet Index (Update @ All Submittals) D. Revise Project Layout Sheets	0	0	0	0	0	a l	ōl	ő	\$6	\$0
E. Typical Sections	0	0	0	Ō	0	0	0	o l	\$0	50
F. Revise Roadway Plan/Profile	0	0	0	0	0	0	0	0	\$0	\$0
G Misc Details	0	- 0	0	0	0	0	0	0	\$0	\$0
H. Revise Intersection Layouts (12 intersections)	12	12	- 6 48	8	0	18	4	5	\$408	\$673
i. Utility Layouts		- 12	0	08	0	152	12	13	\$3,344	\$5,518
J. Cross Sections	2	2	6	24		34	0	0	\$0	\$0
K. Meetings w/COSA	4	4	ō	0	0	8	0	0	\$724	\$1,195
L. Meetings w/Subconsultants (1/2 Month for 18 Months)	0	0	0	ő	- 6	0		0	\$236 \$0	\$389 \$0
Subtotals	28	28	84	152						
V. <u>Drainage Design (161)</u>				192		292	16		\$6,502.00	\$10,728.00
A. Revise Preliminary Hydrologic/Hydraulic Report									1	
B. Exterior D. A. Map	0	0	0	0	0	0	0	0	\$0	\$0
C. BMP Calculations & Structure Sizing	0	0	0	0	0		0	0	\$0	\$0
D. Revise Hydrologic/Hydraulic Celculations		0	0	0	0	0	<u> </u>	0	\$0	\$0
E. Revise Cuivert Lavouts/Bridge Lavouts	öl	0	0	0	0	0	9	0	\$0	\$0
F. Revise Storm Sewer Plan/Profile & Laterals	4	8	16	20	01	48	8	0	\$0	\$0
G. Misc. Details		0	0	0	0	0	- 0	6	\$1,091 \$0	\$1,800
H. Revise Quantity Summary Sheets	0	0	G	0	ŏ	Ö	8	81	\$0	\$0 \$0
Subtotals	4	8	16	20		48	8		\$1,091.00	
VI. Signing, Pavement Markings & Signalization (162)									Du,reu,re	\$1,800.00
A. Revise Signing and Pavement Marking Layouts							1			_
B. Signal Layout Sheets / Details	0	0	0		0	0	0	0	\$0	\$0
				0	0	0	0	- Q	\$G	\$0
Subtotals	0	0	0	0	0	0			\$0.00	\$0.00
						······································			40.001	40,00

City of San Antonio	
Tezel Road - ADA Revision Option	2
Manhour Brookdown	

Manhour Breakdown										
Task	Project	Supv. Des.	Design	CADD		Total	No. of	Hrs. Per	Direct	Overhead
task	Manager	Engineer	Engineer	Tech	Clerical	Hours	Sheets	Sheet	Lebor	Cost
VII. Miscellaneous (163)	1		ļ							
	1	l i	į.	(.			į .	(
A. Revise TCP / Sequence of Construction / Plans	0	0	G	0	0	0	0		\$0	
B. Revise SW3P	0	0	ō	ō	0	a a	0		\$0	30
C. Safety Review Team Meetings (60% & 90%)	0	0	0	0	0	0				50
D. Temporary Traffic Signal Layouts/Details	0	0	0	o	0	Ö	0		\$0 \$0	\$0 \$0 \$0 \$0
E. Develop Quentities	1	1	4	6	Ö	12	0		\$266	90
F. Summary Sheets	2	2	2	2	0	8	10	 	\$202	9938
G. Engineer's Cost Estimate	2	4	0	ō	0	6	0	- 6	\$172	\$382
H. Construction Timeline Determination	4	4	o	ò	Ö	8	0	8	\$236	\$438 \$382 \$284 \$389
General Notes, Specs, and Provisions	4	4	0	n	0	8	0	- 6	\$236	9889
J. Project Management Coordination - Landscape Arch / Artist	7 0	0	G	0	0	O	0	0	\$0	\$389
K. Project Management Coordination - ADA Sub Consultant	G	0	0	n	0	0	0	- 0		\$0
L. Variance Forms - ADA	0	ā	a	0	G	0	0		\$0	\$0 \$0
M. CADD Management	0	o	0	40	0	40	9	0	50	
	7		<u></u>			40		0	\$790	\$1,304
Subtotals	13	15	6	48	0	82	10		24 004 00	## 487 Bb
							19		\$1,901.00	\$3,137.00
Totals for Function Code 110	0	0	0	o		اہ	6			
Totals for Function Code 120	· c		Ö	- 6	0	0	0		\$0	\$0 \$0
Totals for Function Code 150	0		Ö	- 6		- 0			\$0	\$0
Totals for Function Gode 160	28	28	84	152			0		50	20
Totals for Function Gode 161	4	- 20	16	102		292	16		\$6,502	\$10,728
Totals for Function Code 162	- 3	6	0		0,	48	8		\$1,091	\$1,800
Totals for Function Code 163	13	15	8	0	0	0	0	1	\$0	\$0
	+	15	8	48	0	82	10		\$1,945	\$3,209
Grand Totals	45	51	108	220		422	34			
	1		100	220		4ZZ			\$9,538.00	\$15,738.00

	Total	Direct	Overhead	Fixed	}		Misc.	Subtotal	Total CP&Y
Function Code	Hours	Labor	165.60%	Fee	Print / Repro	Travel	Expenses	Expenses	Fee
otals for Function Code 110	0	\$0.	\$0	\$0			• •		4.0
otals for Function Code 120	0	\$0	\$0	\$0	 		\$0	\$0	<u> </u>
Totals for Function Code 150	0	\$0	\$0	\$0	l			. \$0	\$0
otals for Function Code 160	292	\$6.502	\$10,728	\$2,585	l			\$0	<u>\$0</u>
Totals for Function Code 161	48	\$1.091	\$1,800	\$434	}			\$0	\$19,816
otals for Function Code 162		\$0	\$0	\$0	 			\$0	\$3,325
otals for Function Code 163	82	\$1,945	\$3,209		} -				\$0
kpenses		\$1,540	\$3,209	\$773	·				\$5,927
Project Totals					\$0	\$G	\$0	\$0	\$0
Tolect Totals	422	\$9,538	\$15,738	\$3,791	\$0	\$0	\$13	\$0	\$29,06

Exhibit A Chiang, Patel & Yerby, Inc. Page 2 of 2

\$29,067

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:
Walter Chiang – 38%	Edward Motley - 5%
Pete Patel – 30%	Philip Armstrong - 5%
Philip Yerby 10%	Other Owners – 12%
(2) the identity of any business entity that	would be a party to the discretionary contract:
None	
and the name of:	
(A) any individual or business entity th	at would be a subcontractor on the discretionary
contract;	at would be a subcontractor on the discretionary
None	
and the name of:	
(B) any individual or business entity	that is known to be a <i>partner</i> , or a <i>parent</i> or
subsidiary business entity, of any ii the discretionary contract;	ndividual or business entity who would be a party to
the discretionary contract,	
None	
	,

COSA Form 1050-33-2, Discretionary_Ks_Discl_Form, 06/01/01, Rev. 09/12/02

¹ A *business entity* means a sole proprietorship, partnership, firm, corporation, holding company, joint-stock company, receivership, trust, unincorporated association, or any other entity recognized by law.

(3) the identity of any lobbyist or public relations firm employed for purposes relating to the

discretionary contract being s party to the discretionary contra		or sacredo office who would be a
None		
connection with a proposal for a	discretionary contract al	entract from the city must disclose in Il political contributions totaling one four (24) months made directly or
indirectly to any current or former any political action committee that business entity whose identity	member of City Council, at contributes to City Co must be disclosed und	any candidate for City Council, or to uncil elections, by any individual or er (1), (2) or (3) above. Indirect
individual's spouse, whether statinclude, but are not limited to, co	tutory or common-law.	ted to, contributions made by the Indirect contributions by an entity In the officers, owners, attorneys, or
registered lobbyists of the entity.		
To Whom Made;	Amount:	Date of Contribution:
Disclosures in Proposals		
known tacts which, reasonably un	iderstood, raise a questic	ntract with the city shall disclose any on ² as to whether any city official or
employee would violate Section official action relating to the discret	I of Part B, Improper Editionary contract.	conomic Benefit, by participating in
Signature:	T	
Cle Me pE	Title: Office Manager	Date: May 28, 2004
1 "N V , X X A , Y 2 15-	Company:	
Comorac Le	Chiang, Patel & Yerb	v. Inc.

² For purposes of this rule, facts are "reasonably understood" to "raise a question" about the appropriateness of official action if a disinterested person would conclude that the facts, if true, require recusal or require careful consideration of whether or not recusal is required.