

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

CONSENT AGENDA
ITEM NO. 15

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 Zaroni; 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
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\$ 6,055.00	payable for additional engineering contingency
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COORDINATION

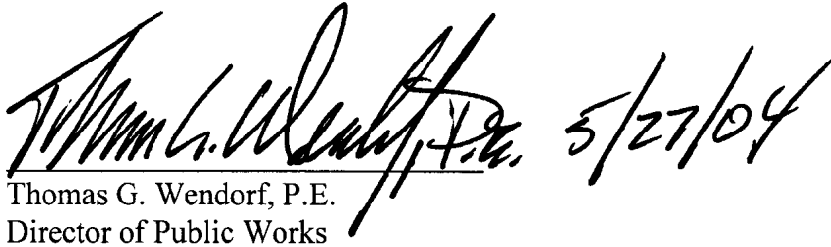
This request for ordinance has been coordinated with the Office of Management and Budget, the Finance Department and the Texas Department of Transportation.

SUPPLEMENTARY COMMENTS

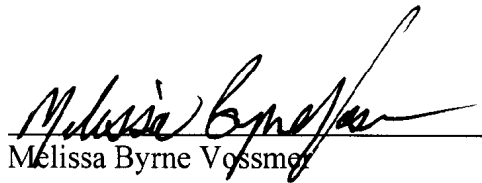
The Discretionary Contracts Disclosure Form required by the Ethics Ordinance is attached and is included herein as Attachment 3.

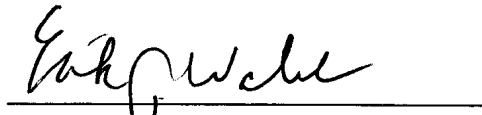
ATTACHMENTS

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

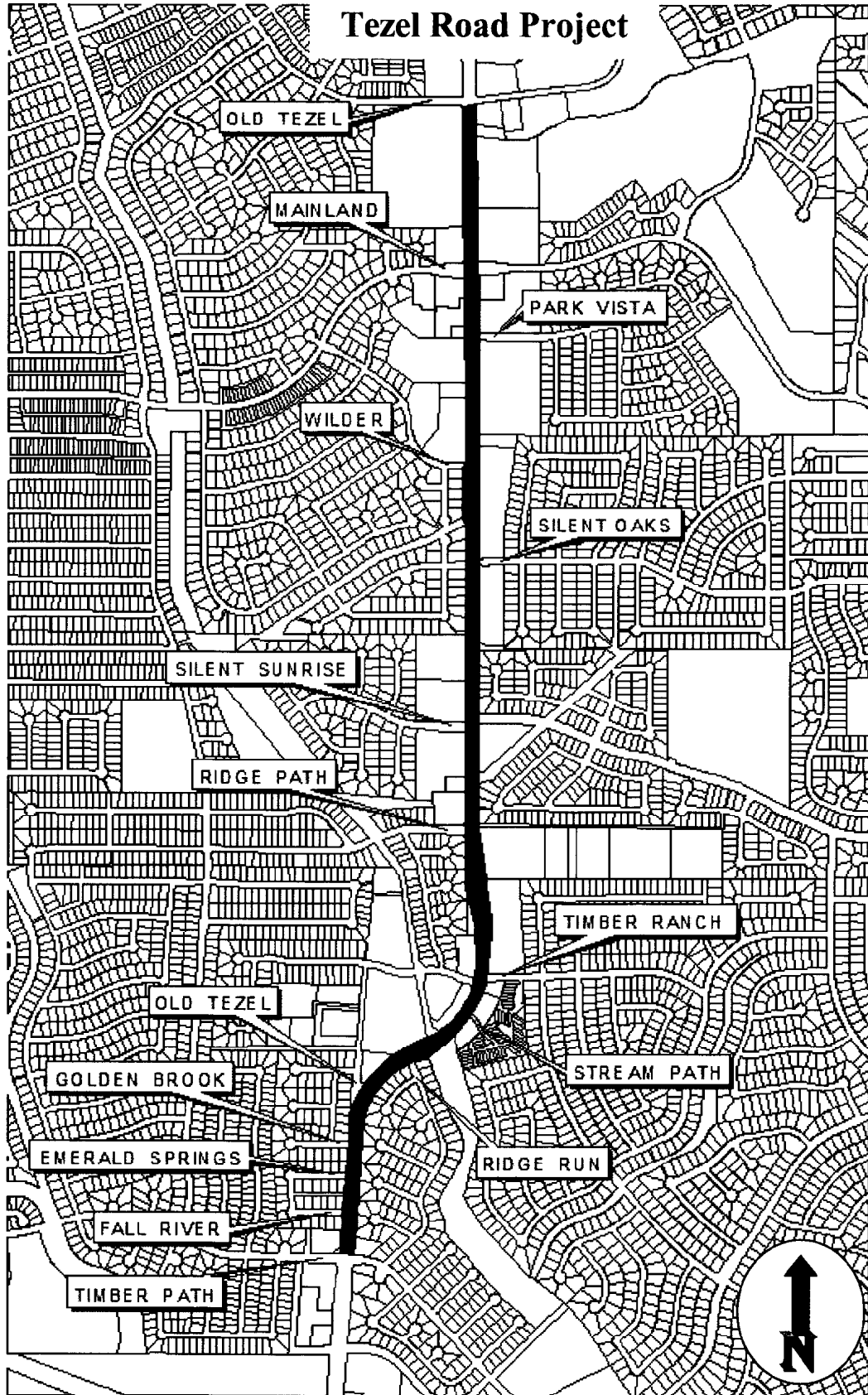

Thomas G. Wendorf, P.E.
Director of Public Works

Approved:


Melissa Byrne Vossmer
Assistant City Manager


Terry M. Brechtel
City Manager

Tezel Road Project





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.

Charles Aldrete, P.E.
Attachments

cc: File CSA 9803 - Contracts

T:\CONTRACT\CSA9803\ADA\BMP_ADA.DOC

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

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

City of San Antonio
Tezel Road - BMP Design
Manhour Breakdown

Task	Project Manager	Supv. Des. Engineer	Design Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per Sheet	Direct Labor	Overhead Cost
I. Route and Design Studies (110)										
A. Preliminary Design Studies	0	0	0	0	0	0	0	0	\$0	\$0
B. Data Gathering & Coordination	0	0	0	0	0	0	0	0	\$0	\$0
C. Design Meetings	8	8	0	0	0	12	0	0	\$354	\$584
D. Design Concept Conference	0	0	0	0	0	0	0	0	\$0	\$0
E. Project Mgr. - Coordination / Core and Soil Hole Drilling	0	0	0	0	0	0	0	0	\$0	\$0
F. Utility Coordination	8	8	8	0	0	24	0	0	\$648	\$1,069
G. Design Schematics - Revisions	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	14	14	8	0	0	36	0		\$1,002.00	\$1,653.00
II. Social/Economic/Environmental Studies & Public Involvement (120)										
A. Environmental Questionnaire	0	0	0	0	0	0	0	0	\$0	\$0
B. Public Involvement	0	0	0	0	0	0	0	0	\$0	\$0
C. Project Mgr. - Coordination / Environmental Division	0	0	0	0	0	0	0	0	\$0	\$0
D. Project Mgr. - Coordination / Design Enhancements	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0		\$0.00	\$0.00
III. Field Surveying (150)										
A. Project Management - Coordination	0	0	0	0	0	0	0	0	\$0	\$0
B. Field Data Reduction & Review	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0		\$0.00	\$0.00
IV. Roadway Design Controls (160)										
A. Data Review	0	0	0	0	0	0	0	0	\$0	\$0
B. Horizontal/Vertical Alignments - Roadway & Intersecting Streets	0	0	0	0	0	0	0	0	\$0	\$0
C. Title Sheet/Sheet Index (Update @ All Submittals)	0	0	0	0	0	0	0	0	\$0	\$0
D. Revise Project Layout Sheets	0	0	0	0	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
G. Misc. Details	0	0	0	0	0	0	0	0	\$0	\$0
H. Revise Intersection Layouts	0	0	0	0	0	0	0	0	\$0	\$0
I. Utility Layouts	2	4	4	24	0	34	0	0	\$734	\$1,211
J. Cross Sections	2	4	4	32	0	42	0	0	\$892	\$1,472
K. Meetings w/COSA (3 Meetings)	6	6	0	0	0	12	0	0	\$354	\$584
L. Meetings w/Subconsultants (1/2 Month for 18 Months)	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	10	14	8	56	0	88	7		\$1,980.00	\$3,267.00
V. Drainage Design (161)										
A. Revise Preliminary Hydrologic/Hydraulic Report	0	0	0	0	0	0	0	0	\$0	\$0
B. Exterior D. A. Map	0	0	0	0	0	0	0	0	\$0	\$0
C. BMP Calculations & Structure Sizing	4	10	24	0	0	38	3	13	\$926	\$1,528
D. Revise Hydrologic/Hydraulic Calculations	2	6	10	0	0	18	0	0	\$446	\$736
E. Revise Culvert Layouts/Bridge Layouts	0	0	0	0	0	0	3	0	\$0	\$0
F. Revise Storm Sewer Plan/Profile & Laterals	4	8	8	0	0	20	3	7	\$520	\$858
G. Misc. Details	2	8	8	40	0	58	1	58	\$1,246	\$2,056
H. Revise Quantity Summary Sheets	2	2	4	4	0	12	1	12	\$285	\$470
Subtotals	14	34	54	44	0	146	11		\$3,423.00	\$5,648.00
VI. Signing, Pavement Markings & Signalization (162)										
A. Revise Signing and Pavement Marking Layouts	0	0	0	0	0	0	0	0	\$0	\$0
B. Signal Layout Sheets / Details	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0		\$0.00	\$0.00

City of San Antonio
Tezel Road - BMP Design
Manhour Breakdown

Task	Project Manager	Supv. Des. Engineer	Design Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per Sheet	Direct Labor	Overhead Cost
VII. Miscellaneous (163)										
A. Revise TCP / Sequence of Construction / Plans	0	0	0	0	0	0	10	0	\$0	\$0
B. Revise SW3P	0	0	0	0	0	0	8	0	\$0	\$0
C. Safety Review Team Meetings (60% & 90%)	0	0	0	0	0	0	0	0	\$0	\$0
D. Temporary Traffic Signal Layouts/Details	0	0	0	0	0	0	0	0	\$0	\$0
E. Develop Quantities	2	2	8	0	0	12	0	0	\$204	\$485
F. Summary Sheets	0	0	0	0	0	0	0	0	\$0	\$0
G. Engineer's Cost Estimate	2	2	4	0	0	8	0	0	\$208	\$340
H. Construction Timeline Determination	4	8	0	0	0	12	0	0	\$344	\$568
I. General Notes, Specs, and Provisions	4	24	0	0	0	28	0	0	\$776	\$1,280
J. Project Management Coordination - Landscape Arch./Artist	0	0	0	0	0	0	0	0	\$0	\$0
K. Project Management Coordination - ADA Sub Consultant	0	0	0	0	0	0	0	0	\$0	\$0
L. Variance Forms - ADA	0	0	0	0	0	0	0	0	\$0	\$0
M. CADD Management	0	0	0	16	0	16	0	0	\$316	\$521
Subtotals	12	36	12	16	0	76	16		\$1,936.00	\$3,194.00
Totals for Function Code 110	14	14	6	0	0	36	0		\$1,002	\$1,653
Totals for Function Code 120	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 150	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 160	10	14	8	56	0	88	7		\$1,980	\$3,267
Totals for Function Code 161	14	34	54	44	0	146	11		\$3,423	\$5,648
Totals for Function Code 162	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 163	12	36	12	16	0	76	16		\$1,936	\$3,194
Grand Totals	50	98	82	116	0	346	34		\$8,341.00	\$13,763.00

Breakdown of Costs for Basic Engineering Services

Function Code	Total Hours	Direct Labor	Overhead 165.00%	Fixed Fee	Print / Repro	Travel	Misc. Expenses	Subtotal Expenses	Total CP&Y Fee
Totals for Function Code 110	36	\$1,002	\$1,653	\$398			\$0	\$0	\$3,054
Totals for Function Code 120	0	\$0	\$0	\$0				\$0	\$0
Totals for Function Code 150	0	\$0	\$0	\$0				\$0	\$0
Totals for Function Code 160	88	\$1,980	\$3,267	\$787				\$0	\$6,034
Totals for Function Code 161	146	\$3,423	\$5,648	\$1,361				\$0	\$10,432
Totals for Function Code 162	0	\$0	\$0	\$0					\$0
Totals for Function Code 163	76	\$1,936	\$3,194	\$770					\$5,900
Expenses					\$0	\$0	\$0	\$0	\$0
Project Totals	346	\$8,341	\$13,763	\$3,316	\$0	\$0	\$0	\$0	\$25,419

Total Maximum Fee for Basic Engineering Services

\$25,419

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

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

Expenses

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

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

Task	Project Manager	Supv. Des. Engineer	Design Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per Sheet	Direct Labor	Overhead Cost
I. Route and Design Studies (110)										
A. Preliminary Design Studies	0	0	0	0	0	0	0	0	\$0	\$0
B. Data Gathering & Coordination	0	0	0	0	0	0	0	0	\$0	\$0
C. Design Meetings	0	0	0	0	0	0	0	0	\$0	\$0
D. Design Concept Conference	0	0	0	0	0	0	0	0	\$0	\$0
E. Project Mgr. - Coordination / Core and Soil Hole Drilling	0	0	0	0	0	0	0	0	\$0	\$0
F. Utility Coordination	0	0	0	0	0	0	0	0	\$0	\$0
G. Design Schematics - Revisions	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0	0	\$0.00	\$0.00
II. Social/Economic/Environmental Studies & Public Involvement (120)										
A. Environmental Questionnaire	0	0	0	0	0	0	0	0	\$0	\$0
B. Public Involvement	0	0	0	0	0	0	0	0	\$0	\$0
C. Project Mgr. - Coordination / Environmental Division	0	0	0	0	0	0	0	0	\$0	\$0
D. Project Mgr. - Coordination / Design Enhancements	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0	0	\$0.00	\$0.00
III. Field Surveying (150)										
A. Project Management - Coordination	0	0	0	0	0	0	0	0	\$0	\$0
B. Field Data Reduction & Review	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0	0	\$0.00	\$0.00
IV. Roadway Design Controls (160)										
A. Data Review	0	0	0	0	0	0	0	0	\$0	\$0
B. Horizontal/Vertical Alignments - Roadway & Intersecting Streets	8	8	24	40	0	80	0	0	\$1,760	\$2,954
C. Title Sheet/Sheet Index (Update @ All Submittals)	0	0	0	0	0	0	0	0	\$0	\$0
D. Revise Project Layout Sheets	0	0	0	0	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	0	0	\$0	\$0
G. Misc. Details	0	0	0	0	0	0	0	0	\$0	\$0
H. Revise Intersection Layouts (12 intersections)	2	2	8	10	0	22	4	6	\$492	\$811
I. Utility Layouts	12	12	48	60	0	152	12	13	\$3,344	\$5,518
J. Cross Sections	0	0	0	0	0	0	0	0	\$0	\$0
K. Meetings w/COSA	6	6	12	40	0	64	0	0	\$0	\$0
L. Meetings w/Subconsultants (1/2 Month for 18 Months)	4	4	0	0	0	8	0	0	\$1,408	\$2,323
Subtotals	32	32	92	170	0	326	16	0	\$7,269.50	\$11,995.00
V. Drainage Design (161)										
A. Revise Preliminary Hydrologic/Hydraulic Report	0	0	0	0	0	0	0	0	\$0	\$0
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	\$0
D. Revise Hydrologic/Hydraulic Calculations	0	0	0	0	0	0	0	0	\$0	\$0
E. Revise Culvert Layouts/Bridge Layouts	0	0	0	0	0	0	0	0	\$0	\$0
F. Revise Storm Sewer Plan/Profile & Laterals	4	8	16	20	0	48	8	6	\$1,091	\$1,800
G. Misc. Details	0	0	0	0	0	0	0	0	\$0	\$0
H. Revise Quantity Summary Sheets	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	4	8	16	20	0	48	8	0	\$1,091.00	\$1,800.00
VI. Signing, Pavement Markings & Signalization (162)										
A. Revise Signing and Pavement Marking Layouts	0	0	0	0	0	0	0	0	\$0	\$0
B. Signal Layout Sheets / Details	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0	0	\$0.00	\$0.00

5/12/2004

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

Task	Project Manager	Supv. Des. Engineer	Design Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per Sheet	Direct Labor	Overhead Cost
VII. Miscellaneous (163)										
A. Revise TCP / Sequence of Construction / Plans	0	0	0	0	0	0	0	0	\$0	\$0
B. Revise SW3P	0	0	0	0	0	0	0	0	\$0	\$0
C. Safety Review Team Meetings (60% & 90%)	0	0	0	0	0	0	0	0	\$0	\$0
D. Temporary Traffic Signal Layouts/Details	0	0	0	0	0	0	0	0	\$0	\$0
E. Develop Quantities	2	4	10	16	0	32	0	0	\$708	\$1,168
F. Summary Sheets	2	4	10	16	0	32	10	3	\$708	\$1,168
G. Engineer's Cost Estimate	2	8	0	0	0	10	0	0	\$280	\$462
H. Construction Timeline Determination	8	8	0	0	0	16	0	0	\$472	\$779
I. General Notes, Specs, and Provisions	8	8	0	0	0	16	0	0	\$472	\$779
J. Project Management Coordination - Landscape Arch./Artist	0	0	0	0	0	0	0	0	\$0	\$0
K. Project Management Coordination - ADA Sub Consultant	0	0	0	0	0	0	0	0	\$0	\$0
L. Variance Forms - ADA	0	0	0	0	0	0	0	0	\$0	\$0
M. CADD Management	0	0	0	40	0	40	0	0	\$790	\$1,304
Subtotals	22	32	20	72	0	146	10		\$3,430.00	\$5,660.00
Totals for Function Code 110	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 120	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 160	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 160	32	32	92	170	0	326	16		\$7,270	\$11,995
Totals for Function Code 161	4	8	16	20	0	48	8		\$1,091	\$1,800
Totals for Function Code 162	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 163	22	32	8	72	0	146	10		\$3,166	\$5,224
Grand Totals	58	72	116	262	0	520	34		\$11,626.50	\$19,019.00

Breakdown of Costs for Basic Engineering Services									
Function Code	Total Hours	Direct Labor	Overhead 165.00%	Fixed Fee	Print / Repro	Travel	Misc. Expenses	Subtotal Expenses	Total CP&Y Fee
Totals for Function Code 110	0	\$0	\$0	\$0			\$0	\$0	\$0
Totals for Function Code 120	0	\$0	\$0	\$0				\$0	\$0
Totals for Function Code 160	0	\$0	\$0	\$0				\$0	\$0
Totals for Function Code 160	326	\$7,270	\$11,995	\$2,890				\$0	\$22,164
Totals for Function Code 161	48	\$1,091	\$1,800	\$434				\$0	\$3,325
Totals for Function Code 162	0	\$0	\$0	\$0					\$0
Totals for Function Code 163	146	\$3,166	\$5,224	\$1,258					\$9,648
Expenses					\$0	\$0	\$0	\$0	\$0
Project Totals	520	\$11,627	\$19,019	\$4,582	\$0	\$0	\$0	\$0	\$35,127
Total Maximum Fee for Basic Engineering Services									\$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 Direct Salary	\$ 9,538.00
Salary Related Cost (165%)	\$ 15,738.00
Total Labor Cost	\$ 25,276.00

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

Exhibit A

Task	Project Manager	Supv. Des. Engineer	Design Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per Sheet	Direct Labor	Overhead Cost
I. Route and Design Studies (110)										
A. Preliminary Design Studies	0	0	0	0	0	0	0	0	\$0	\$0
B. Data Gathering & Coordination	0	0	0	0	0	0	0	0	\$0	\$0
C. Design Meetings	0	0	0	0	0	0	0	0	\$0	\$0
D. Design Concept Conference	0	0	0	0	0	0	0	0	\$0	\$0
E. Project Mgr. - Coordination / Core and Soil Hole Drilling	0	0	0	0	0	0	0	0	\$0	\$0
F. Utility Coordination	0	0	0	0	0	0	0	0	\$0	\$0
G. Design Schematics - Revisions	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0		\$0.00	\$0.00
II. Social/Economic/Environmental Studies & Public Involvement (120)										
A. Environmental Questionnaire	0	0	0	0	0	0	0	0	\$0	\$0
B. Public Involvement	0	0	0	0	0	0	0	0	\$0	\$0
C. Project Mgr. - Coordination / Environmental Division	0	0	0	0	0	0	0	0	\$0	\$0
D. Project Mgr. - Coordination / Design Enhancements	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0		\$0.00	\$0.00
III. Field Surveying (150)										
A. Project Management - Coordination	0	0	0	0	0	0	0	0	\$0	\$0
B. Field Data Reduction & Review	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0		\$0.00	\$0.00
IV. Roadway Design Controls (160)										
A. Data Review	0	0	0	0	0	0	0	0	\$0	\$0
B. Horizontal/Vertical Alignments - Roadway & Intersecting Streets	8	8	24	40	0	80	0	0	\$1,790	\$2,954
C. Title Sheet/Sheet Index (Update @ All Submittals)	0	0	0	0	0	0	0	0	\$0	\$0
D. Revise Project Layout Sheets	0	0	0	0	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	0	0	\$0	\$0
G. Misc. Details	2	2	6	8	0	18	4	5	\$408	\$673
H. Revise Intersection Layouts (12 intersections)	12	12	48	80	0	152	12	13	\$3,344	\$5,518
I. Utility Layouts	0	0	0	0	0	0	0	0	\$0	\$0
J. Cross Sections	2	2	6	24	0	34	0	0	\$724	\$1,195
K. Meetings w/COSA	4	4	0	0	0	8	0	0	\$236	\$389
L. Meetings w/Subconsultants (1/2 Month for 18 Months)	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	28	28	84	152	0	282	16		\$6,502.00	\$10,728.00
V. Drainage Design (161)										
A. Revise Preliminary Hydrologic/Hydraulic Report	0	0	0	0	0	0	0	0	\$0	\$0
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	\$0
D. Revise Hydrologic/Hydraulic Calculations	0	0	0	0	0	0	0	0	\$0	\$0
E. Revise Culvert Layouts/Bridge Layouts	0	0	0	0	0	0	0	0	\$0	\$0
F. Revise Storm Sewer Plan/Profile & Laterals	4	8	16	20	0	48	8	6	\$1,091	\$1,800
G. Misc. Details	0	0	0	0	0	0	0	0	\$0	\$0
H. Revise Quantity Summary Sheets	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	4	8	16	20	0	48	8		\$1,091.00	\$1,800.00
VI. Signing, Pavement Markings & Signalization (162)										
A. Revise Signing and Pavement Marking Layouts	0	0	0	0	0	0	0	0	\$0	\$0
B. Signal Layout Sheets / Details	0	0	0	0	0	0	0	0	\$0	\$0
Subtotals	0	0	0	0	0	0	0		\$0.00	\$0.00

5/12/2004

Exhibit A
Chiang, Patel & Yerby, Inc.
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Chiang, Patel Yerby, Inc.

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

Task	Project Manager	Supv. Des. Engineer	Design Engineer	CADD Tech	Clerical	Total Hours	No. of Sheets	Hrs. Per Sheet	Direct Labor	Overhead Cost
VII. Miscellaneous (163)										
A. Revise TCP / Sequence of Construction / Plans	0	0	0	0	0	0	0	0	\$0	\$0
B. Revise SW3P	0	0	0	0	0	0	0	0	\$0	\$0
C. Safety Review Team Meetings (60% & 80%)	0	0	0	0	0	0	0	0	\$0	\$0
D. Temporary Traffic Signal Layouts/Details	0	0	0	0	0	0	0	0	\$0	\$0
E. Develop Quantities	1	1	4	6	0	12	0	0	\$266	\$438
F. Summary Sheets	2	2	2	2	0	8	10	1	\$202	\$382
G. Engineer's Cost Estimate	2	4	0	0	0	6	0	0	\$172	\$264
H. Construction Timeline Determination	4	4	0	0	0	8	0	0	\$236	\$888
I. General Notes, Specs, and Provisions	4	4	0	0	0	8	0	0	\$236	\$388
J. Project Management Coordination - Landscape Arch./Artist	0	0	0	0	0	0	0	0	\$0	\$0
K. Project Management Coordination - ADA Sub Consultant	0	0	0	0	0	0	0	0	\$0	\$0
L. Variance Forms - ADA	0	0	0	0	0	0	0	0	\$0	\$0
M. CADD Management	0	0	0	40	0	40	0	0	\$780	\$1,304
Subtotals	13	15	6	46	0	82	10		\$1,901.00	\$3,187.00
Totals for Function Code 110	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 120	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 150	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 160	28	28	84	152	0	282	16		\$8,502	\$10,728
Totals for Function Code 161	4	6	16	20	0	46	8		\$1,091	\$1,800
Totals for Function Code 162	0	0	0	0	0	0	0		\$0	\$0
Totals for Function Code 163	13	15	6	46	0	82	10		\$1,945	\$3,208
Grand Totals	45	51	108	220	0	422	34		\$9,538.00	\$15,738.00

Breakdown of Costs for Basic Engineering Services									
Function Code	Total Hours	Direct Labor	Overhead 165.00%	Fixed Fee	Print / Repro	Travel	Misc. Expenses	Subtotal Expenses	Total CP&Y Fee
Totals for Function Code 110	0	\$0	\$0	\$0			\$0	\$0	\$0
Totals for Function Code 120	0	\$0	\$0	\$0				\$0	\$0
Totals for Function Code 150	0	\$0	\$0	\$0				\$0	\$0
Totals for Function Code 160	282	\$6,502	\$10,728	\$2,585				\$0	\$19,815
Totals for Function Code 161	46	\$1,091	\$1,800	\$434				\$0	\$3,325
Totals for Function Code 162	0	\$0	\$0	\$0					\$0
Totals for Function Code 163	82	\$1,945	\$3,208	\$773					\$5,927
Expenses					\$0	\$0	\$0	\$0	\$0
Project Totals	422	\$9,538	\$15,738	\$3,791	\$0	\$0	\$0	\$0	\$29,067
Total Maximum Fee for Basic Engineering Services									\$29,067

Exhibit A
Chiang, Patel & Yerby, Inc.
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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%

Pete Patel - 30%

Philip Yerby - 10%

Edward Motley - 5%

Philip Armstrong - 5%

Other Owners - 12%

(2) the identity of any **business entity**¹ that would be a party to the discretionary contract:

None

and the name of:

(A) any individual or business entity that would be a **subcontractor** on the discretionary contract;

None

and the name of:

(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;

None

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 sought by any individual or business entity who would be a party to the discretionary contract.

None


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 *current* or *former member* of City Council, any *candidate* for City Council, or to any *political action committee* that contributes to City Council elections, by any individual or business entity whose identity must be disclosed under (1), (2) or (3) above. Indirect contributions by an individual include, but are not limited to, contributions made by the individual's spouse, whether statutory or common-law. Indirect contributions by an entity include, but are not limited to, contributions made through the officers, owners, attorneys, or registered lobbyists of the entity.

To Whom Made:	Amount:	Date of Contribution:

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 question² as to whether any city official or employee would violate Section 1 of Part B, Improper Economic Benefit, by participating in official action relating to the discretionary contract.

Signature:  Charles Aldrete, P.E.	Title: Office Manager Company: Chiang, Patel & Yerby, Inc.	Date: May 28, 2004

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.