

**GENERAL MEETING OF THE BOARD OF DIRECTORS
OF THE
CENTRAL TEXAS REGIONAL MOBILITY AUTHORITY**

RESOLUTION NO. 10-95

**Approve Work Authorization No. 7.0 with HNTB Corporation
for Development of the South Brushy Creek Pedestrian Bridge Project
as Part of the Shared Use Path for the 183A Project**

WHEREAS, CTRMA contracts with HNTB Corporation as a General Engineering Consultant ("GEC") pursuant to an Agreement for General Consulting Engineering Services dated December 23, 2009 (the "GEC Agreement"); and

WHEREAS, CTRMA desires to engage the GEC to provide additional services related to a pedestrian bridge, to include without limitation professional services and deliverables for the study, project development, design, and construction phase services for the South Brushy Creek Bridge for the trail system under the TxDOT Enhancement Program; and

WHEREAS, it is necessary that the Board of Directors approve Work Authorization No. 7.0 and its execution by the Executive Director.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors approves Work Authorization No. 7.0 with HNTB Corporation and the compensation therefore as set forth in Attachment "A"; and

BE IT FURTHER RESOLVED, that the Executive Director is authorized to execute on behalf of CTRMA Work Authorization No. 7.0 in the form or substantially the same form as Attachment "A",

Adopted by the Board of Directors of the Central Texas Regional Mobility Authority on the 27th day of October, 2010.

Submitted and reviewed by:



Andrew Martin
General Counsel for the Central
Texas Regional Mobility Authority

Approved:



Ray A. Wilkerson
Chairman, Board of Directors
Resolution Number 10-95
Date Passed 10/27/10

ATTACHMENT "A"
TO
RESOLUTION 10-88

PROPOSED CHANGE ORDER NO. 5 TO CONTRACT NO. 10183A24601C

APPENDIX D

WORK AUTHORIZATION

WORK AUTHORIZATION NO. 7.0

This Work Authorization is made as of this 5th day of November, 2010, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of December 23rd, 2009 (the "Agreement"), between the Central Texas Regional Mobility Authority ("Authority") and **HNTB Corporation** ("GEC"). This Work Authorization is made for the following purpose, consistent with the services defined in the Agreement:

South Brushy Creek Pedestrian Bridge Project under the TxDOT Enhancement Program

Section A. - Scope of Services

A.1. GEC shall perform the following Services:

Please reference Attachment A – Scope of Work

A.2. The following Services are not included in this Work Authorization, but shall be provided as Additional Services if authorized or confirmed in writing by the Authority.

N/A

A.3. In conjunction with the performance of the foregoing Services, GEC shall provide the following submittals/deliverables (Documents) to the Authority:

Please reference Attachment A – Scope of Work

Section B. - Schedule

GEC shall perform the Services and deliver the related Documents (if any) according to the following schedule:

Services defined herein are expected to be substantially complete within thirty (30) months from the date this Work Authorization 7.0 becomes effective. This Work Authorization 7.0 will not expire until all tasks associated with the Scope of Services are complete.

Section C. - Compensation

C.1. In return for the performance of the foregoing obligations, the Authority shall pay to the GEC the amount not to exceed **\$194,164** based on a Cost Plus fee listed in Attachment B – Fee Estimate. Compensation shall be in accordance with the Agreement.

The Authority and the GEC agree that the budget amounts contained in Attachment B-Fee Estimate for the GEC are estimates and that these individual figures may be redistributed and/or adjusted as necessary over the duration of this Work Authorization. The GEC may alter the compensation distribution between tasks or work assignments to be consistent with

the Services actually rendered within the total Work Authorization amount. The GEC shall not exceed the maximum amount payable without prior written permission by the Authority.

C.2. Compensation for Additional Services (if any) shall be paid by the Authority to the GEC according to the terms of a future Work Authorization.

Section D. - Authority's Responsibilities

The Authority shall perform and/or provide the following in a timely manner so as not to delay the Services of the GEC. Unless otherwise provided in this Work Authorization, the Authority shall bear all costs incident to compliance with the following:

N/A

Section E. - Other Provisions

The parties agree to the following provisions with respect to this specific Work Authorization:

N/A

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority:

**CENTRAL TEXAS REGIONAL
MOBILITY AUTHORITY**

By: _____

Name: _____

Title: _____

Date: _____

GEC:

HNTB Corporation

By: _____

Name: Richard L. Ridings

Title: Vice President

Date: _____

ATTACHMENT A – SCOPE OF SERVICES

WORK AUTHORIZATION NO. 7

SERVICES TO BE PROVIDED BY the GENERAL ENGINEERING CONSULTANT (GEC)

General

The services to be performed by the GEC will include, but not be limited to, professional services and deliverables for various tasks related to the study, project development, and construction phase services for the South Brushy Creek Pedestrian Bridge under the TxDOT Enhancement Program. The limits of the services are from the southern end of the 183A Shared Use Path across South Brushy Creek to the Williamson County Regional Trail. GEC does not guarantee that proposals, bids, or actual project costs will not vary from GEC's cost estimates and will not vary from GEC's projected schedules.

1.0 PROJECT MANAGEMENT & ADMINISTRATION

The GEC will perform project management, administrative and coordination duties, including contract administration, project management, document control and management, reporting, meeting minutes of required meetings and telephone conversations, and other related administrative tasks (e.g., direct costs) associated with the Project, including:

1.1. Coordinate, Procure, and Administer Work Authorizations

Prepare contracts as required between the GEC and subconsultants. The GEC will monitor and supervise subconsultant activities, review all work products prepared by subconsultants, review and certify subconsultant progress reports and invoices.

1.2. Progress Reports

Prepare monthly progress reports for the work tasks, together with evidence of services accomplished during the time period since the previous report. A monthly progress report will be submitted and will include: activities completed, initiated or ongoing, during the reporting period; challenges encountered and actions to remedy them; overall status; and updated project schedule. Setup and track the budget for all tasks.

1.3. Record Keeping and File Management

Maintain and retain pertinent Project documentation.

At the completion of the Project, submit all such documentation to the Authority for their archives, which may include document integration with the Authority's EDMS.

Maintain a tracking database for correspondence, transmittals, requests for information, meeting minutes, action items, submittals, Inspector daily reports, project diary, project schedule, change orders, pay estimates, lien waivers, shop drawings, working drawings, erection drawings, catalog cut sheets, mix designs, non-conformance reports, payment

certifications, Insurance and Bonds, material test data, schedules, audits, related technical data, and issues associated with the Project.

1.4. Correspondence

Prepare written materials, letters, survey forms, etc. used to solicit information or collect data for the Project and submit them to the Authority for review and approval prior to use or distribution. Copies of relevant incoming and outgoing correspondence will be provided to the Authority on a continuing basis.

1.5. Work Authorization Schedule

Prepare a detailed schedule linking work authorization tasks, subtasks, critical dates, milestones, deliverables, and the Authority/Texas Department of Transportation (TxDOT)/Federal Highway Administration (FHWA) scheduled review requirements. The Project schedule will be in a format that depicts the order and inter-dependence of the various tasks, subtasks, milestones and deliverables for each of the tasks identified therein. Progress will be reviewed periodically, and should these reviews indicate a substantial change in progress, a schedule recovery strategy will be developed and implemented and the schedule will be revised accordingly.

2.0 PROJECT DEVELOPMENT

This scope of services includes professional services and deliverables in support of the Authority's development of the South Brushy Creek Pedestrian Bridge and required trail connections under the TxDOT Enhancement Program.

2.1. Project Development Support

The GEC will provide support to the Authority as required during the Project Development process. Specific efforts will include

- 2.1.1. Engineering and Technical Support: Provide various engineering and technical tasks as requested by the Authority including but not limited to: general engineering assistance, general technology assistance, general environmental coordination, reports, research, presentations and meetings.
- 2.1.2. TxDOT, Williamson County, and Authority Coordination: Provide appropriate staff as part of coordination efforts between the Authority, TxDOT, and Williamson County. GEC will provide coordination efforts on the Authority's behalf at the direction of the Authority.
- 2.1.3. Assist with and/or develop Interlocal Agreements (ILAs) as necessary for development of the project.
- 2.1.4. Project Development Agreement (PDA): Assist in the development of the PDA, which includes PDA exhibits, review of PDA drafts, and TxDOT coordination support, as directed by the Authority.
- 2.1.5. CAMPO Coordination: Provide appropriate assistance to update the CAMPO TIP/STIP.

- 2.1.6. Provide DBE Outreach and Public Involvement support as requested by the Authority.

2.2. Financial Planning Support

- 2.2.1. Prepare comprehensive project budget in coordination with the Authority.
- 2.2.2. Assist with and/or develop project Advanced Funding Agreement (AFA).

2.3. Design Services

This task involves assisting the Authority with professional consulting services that include preliminary and final engineering design services.

2.3.1. Design Standards

This project shall be designed in accordance with the following:

- TxDOT *Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges*.
- AASHTO Guidelines for the Design of Bicycle and Pedestrian Facilities.
- Texas Department of Licensing and Regulation (TDLR) and American's With Disabilities Act (ADA) requirements.

2.3.2. Meetings

Provide support services in preparation for meetings, participation at meetings, documentation of meeting discussion, and follow-up action items as result of meetings. Anticipated coordination/review/status meetings with agencies include:

- Williamson County
- The Authority
- TxDOT
- Subconsultant(s)
- City of Cedar Park
- Attend CAMPO meetings, as necessary, in support of the project and the TIP process.

2.3.3. Research and Data Collection

- The GEC will obtain from TxDOT, Williamson County and anyone else any pertinent record drawings, plats, easements information and other information available for the project area.

2.3.4. Design

- Subconsultant Design (see Attachment A1 subconsultant scope)
- Subconsultant Survey - (see Attachment A1 subconsultant scope)
- GEC Oversight and Design Review of Subconsultant work and deliverables
- Review of existing hydraulic analysis and additional investigation.

- Coordinate design review with Williamson County, City of Cedar Park and TxDOT.

3.0 ENVIRONMENTAL SERVICES

3.1. Agency Coordination

Support the Authority in coordination activities with TxDOT Austin District, TxDOT's Environmental Affairs Division, TCEQ, and the FHWA, as required.

3.2. Permitting

Prepare, submit and monitor until approved required permit applications; including TCEQ, City of Cedar Park, Corps of Engineers, and Williamson County.

3.3. Statement of Continuous Activity

Coordinate and submit additional or revised Statement of continuous Activity.

4.0 PROCUREMENT

4.1. Contract Document Preparation

Prepare contract documents for bidding; including bid form, all bonding requirements, contract specifications; and requirements for construction Quality Control Testing.

4.2. Letting

Advertise, respond to Contractor questions during procurement process, open and review bids. Coordinate approval of selected Contractor with the Authority, TxDOT and Williamson County. Prepare Notice of Award and Notice to Proceed.

5.0 CONSTRUCTION SUPERVISION, INSPECTION, and TESTING

5.1 Construction Phase Services and Review Services

- General contract administration and oversight of construction which includes all required Local Government Project Procedures (LGPP) compliance documentation associated with federally funded projects.
- Quantity verification for payment purposes.
- Recommendation for approval of payment to Contractor.
- Inspection for reasonable construction quality in conformance to plans and specifications.
- Review testing and materials reports generated by the Contractor for conformance to specifications.
- Document construction using daily inspection reports and photos.
- Offsite Materials Inspection coordination with TxDOT.

5.2 Final Punch List / Final Inspection, and Project Close-out

- Coordinate with the Contractor in the generation of preliminary and final punch lists.
- Monitor the resolution of outstanding construction items.
- Perform a final walk-through with the Authority and the Contractor to make sure all aspects of the Project meet the Authority's satisfaction and reasonably conform to the contract plans and specifications.
- Verify and certify final inspection reports of the completed construction; issue recommendations and certification of construction completion.

6.0 PROJECT OVERSIGHT – CONSTRUCTION

6.1 Change Order Processing & Management

- Coordinate and/or prepare change orders as necessary.
- Review change orders and associated cost estimates prepared by the Contractor, evaluate Contractor claims for extension of time, and provide comments to the Authority.
- Maintain, log and retain all documents associated with change orders.
- Coordinate change orders with appropriate agencies for approval

6.2 Request for Information (RFI) and Shop Drawing / Submittals Processing and Management

- Review and respond to RFIs on the Project.
- Maintain, log and retain all documents associated with RFIs and shop drawings.
- Review submittals and shop drawings for general conformance with contract plans and specifications.

6.3 Record Drawings

- Provide the Authority and, if necessary, Williamson County and/or the City of Cedar Park with Record Plans incorporating construction revisions into the original "as bid" construction plans. The GEC is not responsible for any errors or omissions in the information provided by the Contractor that are incorporated into the record drawings.

7.0 PUBLIC INVOLVEMENT & OUTREACH

Support Authority in the administration, management and coordination of the overall public involvement efforts.

7.1 Public Outreach Support

- Coordinate and assist with public outreach concerning Project information and construction updates, including responding to public inquiries regarding the Project
- Coordinate / support / assist various public outreach meetings and events, as requested by the Authority; including:
 - Group meetings and one-on-one meetings with stakeholders.
 - Project tours for visitors and other delegations.

7.2 Media Outreach Support

- Assist the Authority's Director of Communications, as requested, with the following public and media outreach tasks:
 - Update the Project web site.
 - Proactively provide media with project information.
 - Respond to media inquiries.
 - Respond to Open Record Requests.

ATTACHMENT A1

SCOPE OF SERVICES TO BE PROVIDED BY CONSULTANT

SOUTH BRUSHY CREEK PEDESTRIAN BRIDGE AND ASSOCIATED 183A SHARED USE PATH

The following Scope of Services shall be provided by Waeltz & Prete, Inc.:

1. PROJECT COORDINATION, INFORMATION GATHERING, & MEETINGS:

- 1.1. Project Kick-Off Meeting. Coordinate with the HNTB and the Authority to identify project goals, schedules, and limitations (Assumes one 2-hour meeting).
- 1.2. Make Site Visit.
- 1.3. Gather, assemble, and review existing "As-Built" information within the project limits.
- 1.4. Attend Project Team meetings throughout the design process (Assumes four 3-hour meetings).
- 1.5. Project Coordination with Project Team Consultants & Owner.

2. PRELIMINARY DESIGN SERVICES:

- 2.1. Prepare preliminary site plan based upon HNTB/the Authority concept plan. Preliminary plan to include preliminary selection of pre-engineered/pre-fabricated pedestrian bridge; preliminary site grading; connections to existing Williamson County trail system, the Authority's proposed Shared Use Path and parking lot; and preliminary foundation/structural concepts.

3. FINAL DESIGN SERVICES:

- 3.1. Site Plan
 - 3.1.1. Assemble and review pertinent data.
 - 3.1.2. Prepare a dimensionally accurate site plan based on the approved preliminary site plan.
 - 3.1.3. Finalize the Site Plan with appropriate tables, calculations, details & notes.
- 3.2. Erosion / Sedimentation, Tree Protection, Tree Survey Plans
 - 3.2.1. Use tree and topo survey drawings prepared by Survey Sub Consultant.
 - 3.2.2. Prepare a temporary erosion and sedimentation control plan with appropriate details.
 - 3.2.3. Prepare a tree protection plan with appropriate details, if required.
- 3.3. Site Paving, Grading and Drainage Plan
 - 3.3.1. Assemble and review pertinent data.
 - 3.3.2. Prepare grading and drainage plan for Shared Use Path, to include curb elevations, slopes, wall elevations (if any), and details as necessary to depict any special drainage structures. Trail pavement sections are to be based on sections

utilized in previous C.T.R.M.A. Shared Use Path projects. Shared use path and bridge slopes to be designed in compliance with the Texas Accessibility Standards (TAS) and the Americans with Disabilities Act (ADA).

- 3.3.3. Finalize selection of pre-engineered/pre-fabricated pedestrian bridge.
- 3.3.4. Include structural details for bridge abutments and foundations. It is assumed that the bridge will be located within the 100-year floodplain and abutments will be designed to resist stream flow forces.
- 3.3.5. Calculate unit price construction quantities for project.
- 3.3.6. Provide Quality Assurance/Quality Control.
- 3.3.7. Prepare construction schedule.

4. AGENCY REVIEW AND COMMENTS:

- 4.1. Assemble and coordinate delivery of the drawings from the Structural Engineer for inclusion in the submittal.
- 4.2. Coordinate with the HNTB & 183A during the review process. Upon receipt of review comments, revise as required, and resubmit (Limited to two submittals).

5. TEXAS ACCESSIBILITY STANDARDS (TAS) SUBMITTAL

- 5.1. Submit the registration form and construction drawings to TDLR or Independent Contract Provider (ICP) for review.
- 5.2. Resubmit construction drawings to TDLR or ICP in an effort to clear comments, if required.

6. WATER POLLUTION AND PREVENTION (WPAP) EXCEPTION ASSISTANCE:

- 6.1. Prepare supporting documents to assist HNTB in the preparation of a WPAP Exception Request.

7. CONSTRUCTION PHASE SERVICES:

- 7.1. Specifications will be referenced to the Texas Department of Transportation Standard Specifications. Special provisions and /or specifications shall be prepared and shall be provided for inclusion in the Bid Documents to be prepared by HNTB.
- 7.2. Attend bid letting
- 7.3. Respond to contractor submitted RFI's.
- 7.4. Review of submittals, samples, and schedules.
- 7.5. Provide periodic site visits to the construction site to observe general conformance to the drawings. Does not include full-time representation.
- 7.6. Attend on-site final walk-through
- 7.7. Upon satisfactory completion of the project, issue an Engineer's Concurrence Letter.
- 7.8. Upon project completion assemble project close-out documentation.

8. RECORD DRAWINGS:

- 8.1. The Contractor shall provide a fully marked-up set of record drawings showing changes made during construction.
- 8.2. Prepare a set of official record drawings based upon the construction mark-ups and submit mylars to HNTB (Not as-built or land title survey). Record drawings will be billed as a reimbursable expense.

9. PROFESSIONAL SURVEYING SERVICES:

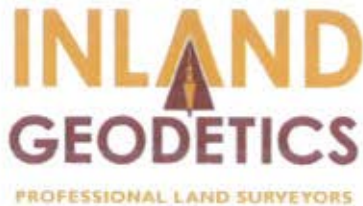
- 9.1. Waeltz & Prete, Inc proposes to secure the Professional Surveying Services of Inland Geodetics, L.P. for the Limited Tree and Topographic Survey.
- 9.2. The Surveyor's proposal is attached as Exhibit "A".

10. PROFESSIONAL STRUCTURAL ENGINEERING SERVICES:

- 10.1. Waeltz & Prete, Inc proposes to secure the Professional Structural Engineering services of Paul-Kohler-Brown Consulting Structural Engineers, L.L.C. for the design and Construction Document preparation for the bridge abutments and foundations for the pre-engineered bridge.
- 10.2. The Structural Engineer's proposal is attached as Exhibit "B".

END SCOPE OF BASIC SERVICES

EXHIBIT A



504 Chisholm Trail Road
Suite 101
Round Rock, TX 78681
512-238-1200
512-238-1251 fax

1 September 2010

William Waeltz, P.E.
Waeltz & Prete, Inc.
Civil Engineers
3000 Joe DeMaggio Blvd. Ste. 72
Round Rock, TX 78665

RE: US 183A at S. Brushy Creek – Williamson County Regional Trail Bridge

Mr. Waeltz:

Inland Geodetics, LP (Inland) is pleased to submit our proposal for professional land surveying services related to the above referenced project. Our proposal is to provide a topographic and tree survey (including utilities) and deliver a DTM for site design purposes. The project will be limited by the ROW lines to 100 feet south of the southerly abutments for the 183A bridges to the turn-around frontage road on the north side of Brushy Creek. Below is a specific list of our proposed Scope of Services and estimated costs.

Right of Entry

Inland assumes that access for surveying operations has been secured. Any special conditions to ROE must be forwarded to our office before survey operations begin

SCOPE OF SERVICES

A. Topographic/Tree Survey

1. Inland will utilize the existing 183A control for the control basis for the horizontal and vertical control traverse for topographic data gathering procedures. Inland will establish at least two control monuments on the project site for future use and for notation on design plans.
2. Inland will collect spot elevations within the project area including edges of pavement, back of curbs, driveways, visible utilities, drainage structures, centerline of roads, creek flowlines, bridging structures, and any other hard surfaced improvements within the area of new construction. The collected data will include spot elevations and breaklines sufficient to generate a 1 foot contour interval DTM for the project.
3. Inland will locate, type and size trees 8" and up within the project limits (if any).
4. Inland will deliver the data files on or about 2 work weeks from NTP.

The ESTIMATED fee for the above services: \$ 5,142.00

The estimated fee proposed above are based on personnel time required to perform the described Scope of Services. Additional time requirements resulting from project scope changes, plan revisions, field recovery of or discrepancies of control provided will be considered reasonable cause for us to seek additional compensation for services not included in these amounts.

Sincerely,

M. Stephen Truesdale, RPLS, LSLS
Principal
Inland Geodetics, LP

EXHIBIT B



PAUL • KOEHLER • BROWN
consulting structural engineers, llc

8217 Shoal Creek Blvd., Suite 106, Austin, Texas 78757
(512) 231-8910 Voice (512) 231-8915 Fax

PROPOSAL

August 23, 2010

Mr. Bill Waeltz, P.E.
President
Waeltz & Prete, Inc.
3000 Joe DiMaggio Blvd., Suite #72
Round Rock, Texas 78665

Re: Brushy Creek at Hwy. 183-A Pedestrian Bridge – CTRMA
Structural Engineering Services

Dear Bill:

As requested, we are submitting this revised fee proposal for Structural Engineering Services to design the bridge abutments and foundations for a 135 foot long pedestrian bridge for the Brushy Creek at Hwy. 183-A project for CTRMA. We propose to furnish our services for this phase of the project on a "lump sum" basis. We understand our scope of work for this project to be as follows:

Structural Scope of Work – Design Phase

- Attend design coordination meetings with the project team.
- Design and Construction Documents for bridge abutments and foundations to support a 135 foot long pedestrian bridge. It is our understanding that the pedestrian bridge will be a pre-engineered system to be provided by others. We understand that the bridge will be located within the 100 year flood plain and that the abutments will have to be designed to resist stream flow forces.
- Documents will be prepared in AutoCAD and electronic files will be transmitted to Owner on CD-Rom at the conclusion of the project.

Structural Scope of Work – Bidding Phase

- Assist Waeltz & Prete during the Bidding Phase with structural quantity takeoffs and evaluation of bids.

Structural Scope of Work – Construction Phase

- Review structural submittals and shop drawings for general compliance with the plans and specifications.
- Respond to contractor Requests For Information (RFI's) to clarify specific structural items.
- Provide periodic on-site observation services as requested. Three (3) site visits have been included in this fee. These site visits are intended for inspection of the reinforcing steel in the piers and bridge abutments. Additional site visits will be provided as an additional service at the rates listed below.

Services Not Included

- Full time on-site observation services.
- Services of other consultants or testing laboratories.
- Additional structural analysis, design, and CADD time to correct construction errors.

Structural Fee

Our lump sum fee for the above scope of work will be as follows:

Design and Construction Documents Phase	\$ 7,000
Bidding Phase	\$ 500
Construction Phase Services	\$ 2,200
Total Structural Fee	\$ 9,700

Our services will not exceed \$ 9,700 without prior approval from office.

Hourly Rates

Structural services beyond the above scope of work will be billed at the hourly rates listed below. These hourly rates will apply through December of 2010:

Principal	\$ 160.00
Project Manager	\$ 130.00
Engineer III	\$ 105.00
Engineer II	\$ 100.00
Engineer I	\$ 95.00
CADD Manager	\$ 85.00
CADD Operator	\$ 75.00
Clerical	\$ 50.00

Reimbursable Expenses

Reimbursable expenses such as printing, copying, and mailing/shipping charges are not included in the above fee. These services, if required, will be billed at actual invoice cost times a multiplier of 1.10.

Our services will be invoiced on a monthly basis. We appreciate the opportunity to prepare this proposal and would be happy to discuss any aspects of it with you at your convenience. We look forward to working with you on this project.

If this proposal is acceptable, please return a signed copy to our office.

Respectfully submitted,



David O. Brown, P.E.
Principal

Accepted by: _____ Date: _____

TASK DESCRIPTION	CLASSIFICATION								TOTAL HOURS	
	Group Director / Program Manager	Department Manager	Project Manager II	Project/Sr. Engineer	Field Tech Spec III	Sr. Public Involvement Rep.	Project Analyst	Office Tech Specialist I		
1.0 PROJECT MANAGEMENT & ADMINISTRATION										
1.1 Coordinate, Procure, and Administer Work Authorizations	2		8					8	18	
1.2 Progress Reports and Invoices	6		6				52		64	
1.3 Record Keeping and File Management					8			60	68	
1.4 Correspondence	2	3							5	
1.5 Work Authorization Schedule	2	4	8						14	
SUBTOTAL	12	7	22	0	8	0	52	68	169	
2.0 PROJECT DEVELOPMENT										
2.1 Project Development Support	4	16	8					4	32	
2.2 Financial Planning Support	4	8	8					4	24	
2.3 Design Services	4	8	16					4	32	
SUBTOTAL	12	32	32	0	0	0	0	12	88	
3.0 ENVIRONMENTAL SERVICES										
3.1 Agency Coordination		8	8					2	18	
3.2 Permitting (TCEQ, Cedar Park, Corps of Engineers, Williamson County)		4	16					1	21	
3.3 Coordinate and Submit Additional or Revised Statement of Continuous Activity		8	8					1	17	
SUBTOTAL	0	20	32	0	0	0	0	4	56	
4.0 CONSTRUCTION PROCUREMENT										
4.1 Contract Document Preparation	4	4	8	24				8	48	
4.2 Letting	2	2	16	16				8	44	
SUBTOTAL	6	6	24	40	0	0	0	16	92	
5.0 CONSTRUCTION SUPERVISION, INSPECTION AND TESTING										
5.1 Construction Inspection and Review Services	2	8	16		160			40	226	
5.2 Final Punch List / Final Inspection, and Project Close-out			8		16			4	28	
SUBTOTAL	2	8	24	0	176	0	0	44	254	
6.0 PROJECT OVERSIGHT - CONSTRUCTION										
6.1 Change Order Processing & Management					24			16	40	
6.2 Request for Information (RFI) and Shop Drawing / Submittals Processing and Management					16			8	24	
6.3 Record Drawings		2		4	8			2	16	
SUBTOTAL	0	2	0	4	48	0	0	26	80	
7.0 PUBLIC INVOLVEMENT AND OUTREACH										
7.1 Public Outreach Support	8	16	8			40		8	80	
7.2 Media Outreach Support	4	4	4			24		8	44	
SUBTOTAL	12	20	12	0	0	64	0	16	124	
TOTAL HOURS	44	95	148	44	232	64	52	168	663	
BASE RATE	\$ 91.27	\$ 82.01	\$ 60.25	\$ 46.67	\$ 38.70	\$ 33.40	\$ 25.85	\$ 24.71		
TOTAL LABOR	\$ 4,016	\$ 7,791	\$ 8,797	\$ 2,054	\$ 8,978	\$ 2,138	\$ 1,344	\$ 4,596	\$ 39,713	
Overhead Rate	147.90%	\$ 5,939	\$ 11,523	\$ 13,010	\$ 3,037	\$ 13,278	\$ 3,162	\$ 1,988	\$ 6,798	\$ 58,736
Profit	12.90%	\$ 1,195	\$ 2,318	\$ 2,617	\$ 611	\$ 2,671	\$ 636	\$ 400	\$ 1,367	\$ 11,814
TOTAL	\$ 11,150	\$ 21,631	\$ 24,424	\$ 5,702	\$ 24,927	\$ 5,935	\$ 3,732	\$ 12,761	\$ 110,262	

EXPENSES	ITEM
MISCELLANEOUS EXPENSES	\$ 5,000
MISCELLANEOUS SUBCONSULTANTS	\$ 78,902
TOTAL	\$ 83,902

SUBTOTALS BY TASK	TOTAL HOURS	HNTB RAW LABOR	TOTAL LOADED FEE
1.0 PROJECT MANAGEMENT & ADMINISTRATION	169	\$ 8,329	\$ 17,672
2.0 PROJECT DEVELOPMENT	88	\$ 5,944	\$ 16,504
3.0 ENVIRONMENTAL SERVICES	56	\$ 3,667	\$ 10,182
4.0 CONSTRUCTION PROCUREMENT	92	\$ 4,748	\$ 13,183
5.0 CONSTRUCTION SUPERVISION, INSPECTION AND TESTING	254	\$ 10,183	\$ 28,272
6.0 PROJECT OVERSIGHT - CONSTRUCTION	80	\$ 2,851	\$ 7,915
7.0 PUBLIC INVOLVEMENT AND OUTREACH	124	\$ 5,991	\$ 16,635
EXPENSES		\$ 83,902	\$ 83,902
JOB TOTALS	863	\$ 123,615	\$ 194,164



WAELTZ & PRETE, INC.
 CIVIL ENGINEERS
 3000 JOE D. MAGGIO BLVD. #72
 ROUND ROCK, TX. 78665
 PH (512) 505-8953
 FIRM REG. #F-10308

ATTACHMENT "C"
SOUTH BRUSHY CREEK PEDESTRIAN BRIDGE
C.T.R.M.A / HNTB
FEE DETERMINATION

9/1/2010
 BY: AWW

SERVICE RATE/HR	REG. PROF. ENG. \$ 150.00	ENG. TECH. \$ 85.00	ADMIN. \$ 60.00	TOTAL
PRO. COORD. & MTGS				
PRE-DEV W/ CLIENT	3			\$450.00
SITE VISIT	4			\$600.00
GATHER EXIST DATA	8	16		\$2,560.00
PROJ. TEAM MTGS (bi-weekly)	12			\$1,800.00
COORDINATION WITH SUB-CONSULTANTS	8	8		\$1,880.00
SUBTOTAL	35	16		\$6,610.00
PRELIMINARY DESIGN				
COORD. W/ HNTB	4	8		\$1,280.00
PREL. SITE & GRADING PLAN	16	32		\$5,120.00
PREL. BRIDGE SELECTION	8	8		\$1,880.00
SUBTOTAL	28	48		\$8,280.00
FINAL DESIGN				
COORD. W/ HNTB	8			\$1,200.00
SITE GRADING	24	40		\$7,000.00
DIMENSIONAL CONTROL PLAN	8	12		\$2,220.00
EROSION CONTROLS	4	8		\$1,280.00
CONST. PLAN COORD. w/SUBS & HNTB	16	8		\$3,080.00
MISC. DETAILS	8	16		\$2,560.00
COVER SHEET & NOTES	4	16		\$1,960.00
QUANTITY TAKE-OFFS *	8	16		\$2,560.00
QA/QC	8	2		\$1,370.00
CONST. SCHEDULE PREP.	8	4	2	\$1,660.00
SUBTOTAL	96	122		\$24,890.00
* ASSUMES HNTB TO PREPARE ALL BID DOC'S				
AGENCY REVIEW AND COMMENTS				
RESPOND TO COMMENTS (ASSUMES 2 SETS)	16	32		\$5,120.00
LETTER OF RESPONSE	4		2	\$720.00
SUBTOTAL	20	32		\$5,840.00
TAS SUBMITTAL				
COORD. W/ RAS	4	1		\$685.00
SUBMITTAL	2			\$300.00
SUBTOTAL	6	1		\$985.00
WPAP & SWPPP				
WPAP/SWPPP COORD.	24			\$3,600.00
WPAP EXCEPTION REQUEST TO BE PREPARED BY HNTB				
SUBTOTAL	24	0		\$3,600.00

SERVICE	REG. PROF. ENG.	ENG. TECH.	ADMIN.	TOTAL
RATE/HR	\$ 150.00	\$ 85.00	\$ 60.00	

CONSTRUCTION PHASE SERVICES

SPECIFICATION PREP.	10		4	\$1,740.00
BID LETTING	4			\$600.00
SITE VISITS	24			\$3,600.00
RESPONSE TO RFI'S	12			\$1,800.00
SUBMITTALS	12			\$1,800.00
FINAL WALK THRU	5			\$750.00
PUNCH LIST	3		2	\$570.00
CLOSEOUT DOC'S	8		2	\$1,320.00
SUBTOTAL	68	0		\$10,440.00

RECORD DRAWINGS

COORD. W/ CONTRACTOR	2			\$300.00
PREP. OF RECORD DRAWINGS		8		\$680.00
COPYING				\$0.00
SUBTOTAL	2	8		\$980.00

SUB-CONSULTANT FEES

STRUCTURAL DESIGN ((PAUL-KOEHLER-BROWN) - EXHIBIT B	\$9,700.00			\$9,700.00
TOPOGRAPHIC SURVEY (INLAND GEODETICS) - EXHIBIT A	\$5,142.00			\$5,142.00
SUBTOTAL				\$14,842.00

EXPENSES

TOLR REG., REVIEW & INSP FEES				\$1,235.00
COPYING, REPRODUCTION & OTHER REIMBURSIBLE EXPENSES				\$1,200.00
SUBTOTAL				\$2,435.00

<u>PROJECT TOTAL</u>	279	227	12	\$78,902.00
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SUBTOTAL FOR PREL. & FINAL DESIGN SERVICES, INCLUDING TAS SUBMITTAL & WPAP SUPPORT				\$50,205.00
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SUBTOTAL FOR CONST. ADM. & RECORD DRAWINGS				\$11,420.00
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SUBTOTAL FOR SUB-CONSULTANTS				\$14,842.00
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SUBTOTAL EXPENSES				\$2,435.00
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NOTES:

THIS PROPOSAL ASSUMES HNTB WILL PROVIDE BID DOC. PREP., HYDROLOGY, FLOOD PLAIN & ENVIRONMENTAL ISSUES