

This is Task Order  
No. 02, consisting of  
6 pages.

## Task Order

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In accordance with Paragraph 1.01 of the Agreement Between Owner and Engineer for Professional Services – Task Order Edition, dated October 17, 2019 ("Agreement"), Owner and Engineer agree as follows:

### 1. Background Data

- a. Effective Date of Task Order: TBD
- b. Owner: City of Schertz
- c. Engineer: Halff Associates, Inc.
- d. Tri-County Parkway Reconstruction (0.96 Miles)
- e. Specific Project (description):
  - Reconstruct Tri County Parkway from Corridor Parkway to FM 3009 to include 42-foot flexible pavement section utilizing existing curb and gutter,
  - Reconstruct Lookout Road from Tri County Parkway to Doerr Lane to include 42-foot flexible pavement section utilizing existing curb and gutter,
  - Remove monument sign and replace curb and gutter for island at Tri County Parkway and I-35,
  - FM 3009/Tri County Parkway intersection improvements and signalization,
    - Reconfigure island and remove monument sign,
    - Signalization for four-leg intersection, assuming Tri County Parkway extends east of FM 3009,
  - Upsize and Replace existing sewer lines with 18-inch sewer lines,
    - Tri County Parkway from FM 3009 to Lookout Road,
    - Lookout Road from Tri County Parkway to Doerr Lane.

### 2. Services of Engineer

A. The specific services to be provided or furnished by Engineer under this Task Order are as follows:

#### A. Design Phase (90%)

1. As deemed necessary, meet with OWNER officials to discuss the Project.
2. CONSULTANT will assist the CITY during public involvement meetings for up to three (3) meetings and will provide up to three (3) exhibits to used for coordination in those meetings.

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#### Task Order Form

EJCDC® E-505, Agreement Between Owner and Engineer for Professional Services – Task Order Edition.  
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3. CONSULTANT will verify potential utility conflicts utilizing the utility data collected by survey through 811 locate services will only contact utility companies on a as needed basis. All utilities will be shown on paving and utility design plans but no individual utility map will be provided.
4. Perform field survey required to establish apparent existing right-of-way or easement boundaries (but not right-of-way acquisition surveys) and site topography required to collect information needed in the design of the Project; establish or locate at least two Benchmarks set to U.S. Coast and Geodetic Survey Datum within the job site in accordance with sound engineering practices. Establish or locate at least two additional Benchmarks set to U.S. Coast and Geodetic Survey Datum for the job site outside the limits of construction in accordance with sound engineering practices. Topographic survey will be collected at 100-foot cross sections to develop existing planimetrics and contours. No right of entry agreements are anticipated for this project since all improvements are to remain within the ROW. Show on the preliminary plan existing topographical features including improvements within and outside the right-of-way necessary for the design of the Project. Survey must include all visible utilities and tying of utility-locate paint markings by 811 within the survey area for underground utilities. Provide the necessary number of control points/benchmarks on the ground for the Project and ensuring the horizontal and vertical control correspond with the design plans.
5. Perform the high-level hydrologic analysis of the existing conditions to assess existing surface drainage impacts on pavement. The necessary data collection, hydrology analysis and preparation of a technical memo are included in this task. No drainage design is anticipated or included in this task.
6. Develop intersection island layouts at IH 35 and FM 3009, including landscaping design (low maintenance), and the removal of existing monument signs.
7. Develop signalization for a four-leg intersection at Tri County Parkway and FM 3009. Signal Warrant Study and TIA shall be excluded from this task but can be provided upon request from CITY and negotiation of additional services.
8. When applicable, show adequate existing property line elevations, proposed top of curb elevations, proposed top of channel elevations and adequate proposed flow line elevations on the profiles.
9. Include street and drainage cross sections for every 100-foot stations (plus any intermediate stations if field conditions so dictate) at a scale of 1" = 20'-0" horizontally and 1" = 10'-0" vertically unless otherwise directed by the City Engineer. These designs must combine the application of sound engineering principles with a high degree of economy. Design standards of other agencies, when approved by CITY, must be used when so directed by the City Engineer.
10. Unless directed otherwise by the City Engineer, provide roadway and drainage drawings that include, but are not limited to, plan and profile sheets with the plan portion at a scale of 1" = 40' - 0" and the profile portion at a scale of 1" = 40'-0" horizontally and 1" = 10'-0" vertically. All scales should be conveniently located on each sheet and have the scaled number ratios on corresponding horizontal or vertical scales readily noticeable. All drawings must be submitted on standard 11" by 17" sheets (untrimmed).
11. Develop a plan and profile view set of drawings for the approved recommended sewer alignments in sufficient detail to clearly indicate the problems involved, including approximate locations of existing utilities within the Project site or ROW, and anticipated design to minimize conflicts, as applicable.
12. Prepare a by-pass flow data layout sheet. The sheet shall include existing and proposed sewer mains and manholes within and around the project limits.
13. Ensure that project drawings include, but not be limited to, plan and profile sheets with the plan view at a scale of 1"=40' horizontal and a profile view at a scale of 1"=10' vertical on a standard sheet size of 11"x17". All design drawings shall be submitted on 11"x17", unless stated otherwise.
14. Furnish a Storm Water Pollution Prevention Plan ("SW3P") and Best Management Practices Plan for

control of erosion during and after construction.

15. Prepare a Traffic Control Plan ("TCP") and a plan for pavement markings, signing, and delineators on 11" x 17" plan sheets.
16. If applicable, prepare a request for any design exceptions, including all information necessary to support the request, and submit them to the City Engineer for review and approval.
17. Identify all temporary and permanent easements and/or ROW if applicable.
18. Identify and notify all affected utilities and coordinate plans for utility relocation (if applicable). CONSULTANT must maintain a record of all utility contacts and submit them to CITY.
19. Furnish CITY with one paper copy and one Adobe Acrobat PDF Copy of the Roadway Design Phase (90%) plans and supporting documents, including any and all of those mentioned immediately above. Upon review and approval of the plan and supporting documents, CITY will furnish to CONSULTANT, in writing, approval of the plan and cost estimate and authority to proceed with the Final Design Phase of the Project.

**B. Final Design Phase (100%)**

1. Prepare detailed Agreement drawings, specifications, instructions to bidders, general provisions, proposal and other documents necessary for CITY to advertise for bids, all based on guides furnished CONSULTANT by CITY after authorization has been received from the City Engineer to proceed with the final plans.
  - a. Street cross sections must be included for every 100-foot station (plus any intermediate stations if field conditions so dictate) at a scale of 1" = 20' – 0" horizontally and 1" = 10' – 0" vertically unless otherwise directed by the City Engineer. These designs must combine the application of sound engineering principles with a high degree of economy. Design standards of other agencies, when approved by CITY, must be used when so directed by the City Engineer.
  - b. Detailed specifications will be developed using the City of Schertz Standard Specifications for Public Works Construction, and any other necessary special specifications.
  - c. A specimen copy of standard general provisions, instructions to bidders, and applicable prevailing wage rates will be furnished to CONSULTANT by CITY for incorporation in the specifications for the proposed Project.
2. Prepare a project construction schedule.
3. Prepare and furnish to CITY, one SW3P manual for use during construction.
4. Coordinate plan development with the utility relocation plans of all affected utilities. CONSULTANT must maintain a record of all utility contacts and submit them to CITY. CONSULTANT must arrange all necessary utility coordination meetings. CONSULTANT must provide each utility with a copy of any sheets changed during the Final Plan review process for comment.
5. Prior to the actual printing and delivery of the final plans and specifications, provide one PDF proposal submit to Engineering Section of the Public Works Department for approval or correction as may be deemed necessary. If the plans as submitted by CONSULTANT for final review are deemed by the City Engineer to be incomplete and another review is justified, CONSULTANT shall make the corrections as specified and resubmit one set of revised sheets only and one complete set of Adobe Acrobat PDF files for this review. CONSULTANT shall bear the expense of the additional set of revised sheets and PDF files required for this review.

Upon review and written approval of the advance copies, CONSULTANT shall provide and submit to the City Engineer two sets of Plans and Specifications. CONSULTANT shall also provide plans in digital

format on a CD with each sheet in a separate file with the file name being the sheet number. PDF files must be exact copies of the hard copies.

6. Furnish as a part of CONSULTANT's basic fee not more than two sets of bidding documents. Specifications and proposals must each be provided in one PDF file separate from the plans.

C. Bid Phase:

1. Provide an index of plan sheets and the Itemized Bid Form in a Microsoft Excel format. The Bid Form must have the format, item number, quantities, item description, and price extensions locked so that the bidders cannot change them.
2. Attend a Pre-Bid Conference with City representatives and prospective bidders.
3. Respond to Contractor questions during the bidding process and develop addendum as required
4. Attend the formal opening of bids and tabulate and furnish to CITY an original, five copies, and PDF of the bid tabulation together with written recommendation regarding the award of the contract.

D. Construction Phase:

1. Attend a Pre-construction Conference with the representatives of the interested City Departments and the Contractor.
2. After Contractor's approval, review and take appropriate action (approve with modifications, reject, etc.) upon the Contractor's submittals such as Shop Drawings, Product Data and Samples, but only for conformance with the design concept of the Project and compliance with the information given in the Contract Documents. This action must be taken with reasonable promptness so as to minimize delay. The reviews and approvals or other action must not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. The approval of a specific item will not indicate approval of an assembly of which the item is a component.
3. Review and respond to requests for information (RFIs). RFIs may include to evaluate and determine the acceptability of substitute materials and equipment proposed by Contractor.
4. After completion of the work, and before final payment to the Contractor, it will be CITY's responsibility to require (through contract documents prepared by CONSULTANT) a set of "Record Drawings" from the Contractor, who has control of the work and who is in a position to know how the Project was constructed. CONSULTANT, after receiving this information, shall transfer the information to a set of paper tracings as "Record Drawings" or documents for CITY's permanent file. Record Drawings and documents must also be provided to the CITY in Adobe Acrobat PDF format. CITY shall not hold CONSULTANT liable for the information supplied by the Contractor.

E. SUPPLEMENTAL SERVICES (ALLOWANCE)

1. The CONSULTANT will provide Subsurface Utility Engineering (SUE) services for Level A potholes to locate underground utilities. No work shall be performed until CONSULTANT receives a written authorization to proceed with each pothole requested.

### **3. Owner's Responsibilities**

Owner shall have those responsibilities set forth in Article 2 of the Agreement and in Exhibit B:

**4. Task Order Schedule**

In addition to any schedule provisions provided in Exhibit A or elsewhere, the parties shall meet the following schedule:

<b>Party</b>	<b>Action</b>	<b>Schedule</b>
<b>Engineer</b>	<b>Furnish:</b> <b>1. The consultant will submit one set of plans and specifications at the 90%, and two sets of plans at the 100% milestone and will participate in submittal review meetings for each milestone.</b>	<b>Half personnel will be available to commence work upon written notice to proceed.</b>
<b>Owner</b>	<b>1. As Built drawings for roadway</b> <b>2. As Built drawings for public utilities within R.O.W.</b> <b>3. Adjacent development plats.</b>	<b>As Coordinated</b>

**5. Payments to Engineer**

A. Owner shall pay Engineer for services rendered under this Task Order as follows:

Fee provided shall be considered lump sum for the services described in this Task Order. ***See attached Exhibit B for Fee Schedule.***

B. The terms of payment are set forth in Article 4 of the Agreement and in the applicable governing provisions of Exhibit C.

**6. Terms and Conditions**

Execution of this Task Order by Owner and Engineer shall make it subject to the terms and conditions of the Agreement (as modified above), which Agreement is incorporated by this reference. Engineer is authorized to begin performance upon its receipt of a copy of this Task Order signed by Owner.

The Effective Date of this Task Order is to be determined

OWNER:

By: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

ENGINEER:

By: \_\_\_\_\_ 

Print Name: Marcos Díaz, PE

Title: Public Works Team Leader

Engineer License or Firm's: F-312

State of: Texas

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Email Address: \_\_\_\_\_

Phone: \_\_\_\_\_

DESIGNATED REPRESENTATIVE FOR TASK ORDER:

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Email Address: \_\_\_\_\_

Phone: \_\_\_\_\_

# EXHIBIT B - FEE SCHEDULE

## Tri County Parkway - City of Schertz Estimated Level of Effort for Intermediate and Final Design, and Construction Phase Services

POSITION DESCRIPTION	Sr. Project Manager/QAQC	Project Manager/ Sr. Lands Arch	Mid Project Engineer	Engineer EIT/ Lands Arch	Sr. GIS	Survey Technician	Admin Assistant	Mid RPLS Manager	SUE/Survey Crew 2-man	SubConsultant Fee	Total Labor hrs.	Cost
BILLABLE LABOR RATES	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00	Lump Sum		
<b>INTERMEDIATE DESIGN PHASE SERVICES (90%)</b>												
<b>1) Engineering Services</b>												
<b>Project Administration and Coordination</b>												
1. Project Management	2	40	24								66	\$12,330.00
2. Public Involvement Meetings (3 meetings, 3 exhibits)	3	3	6	4							16	\$2,812.00
3. Coordination for Island Intersection at IH 35		8	12								20	\$3,512.00
4. Coordination for Island Intersection at FM 3009		12	24								36	\$6,228.00
5. Prepare Monthly Invoices and Progress Reports (Assumes 12 Invoices)		6	12				12				30	\$3,954.00
<b>Roadway Design (90%)</b>												
1. Develop Roadway Geometry (Horizontal & Vertical)	1	2	16	24							43	\$5,983.00
2. Develop Typical Sections		2	4	10							16	\$2,188.00
3. Develop Removal Plan Layout Sheets		8	40	40							88	\$12,592.00
4. Develop Title Sheet, Index Sheet, and Project Layout Sheets		1	4	8							13	\$1,759.00
5. Develop Roadway Plan & Profile Layout Sheets	4	16	40	80							140	\$19,844.00
6. Develop Traffic Control Plan Layout Sheets	1	8	40	60							109	\$15,157.00
7. Develop Traffic Control Sequence of Construction & Narrative		1	12	8							21	\$3,039.00
8. Develop Intersection Layouts		1	16	32							49	\$6,439.00
9. Develop Island Layout at IH 35 (Landscaping Architecture Design)		16	4	32							52	\$7,504.00
10. Develop Island Layout at FM 3009 (Landscaping Architecture Design)		16	4	40							60	\$8,424.00
11. Develop FM 3009 Signaling	8	16	40	80							144	\$20,904.00
12. Develop Cross Sections		4	32	40							76	\$10,516.00
13. Develop Roadway Quantity Summaries		2	8	16							26	\$3,518.00
14. Develop Construction Cost Estimate	1	2	8	8							19	\$2,863.00
<b>Utility Design/Coordination (90%)</b>												
1. Utility Design/Coordination Meetings												
a. Utility Design/Coordination Meetings (Assumes 1 Meetings Total)		8	8								16	\$2,872.00
b. Coordination of Utility Adjustments			8	16							24	\$3,120.00
c. Technical Assistance and Meeting Exhibits		4		16							20	\$2,636.00
2. Develop Utility Tracking Report			2	8							10	\$1,240.00
3. Utility Investigation (As-Builts, Field Observations)			4	8							12	\$1,560.00
4. Prepare Sewer Plan and Profile	1	4	40	80							125	\$16,661.00
5. Prepare Schematic Bypass Plan			8	24							32	\$4,040.00
6. Develop Construction Cost Estimate	1	1	4	8							14	\$2,024.00
<b>Drainage (90%)</b>												
1. Hydrologic Data Collection, Review, and Analysis		4	16	32	8						60	\$7,956.00
2. Prepare Existing Watershed Maps		4	16	24	8						52	\$7,036.00
3. Develop Drainage Technical Memo		2	24	16							42	\$6,078.00
4. Develop SW3P Layouts		2	24	40							66	\$8,838.00
<b>Signing and Pavement Markings (90%)</b>												
1. Develop Signing/Striping Layout Sheets		2	16	24							42	\$5,718.00
2. Prepare Signing/Striping Quantity and Plan Summaries		1	2	4							7	\$979.00
<b>Total Hours</b>	22	196	518	782	16	0	12	0	0		1546	
<b>SUMMARY</b>												
<b>HOURS SUB-TOTALS</b>	22	196	518	782	16	0	12	0	0		1546	-
<b>BILLABLE RATE PER HOUR</b>	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00			-
<b>TOTAL - Engineering Services (Roadway Design Phase)</b>	<b>\$5,830.00</b>	<b>\$39,004.00</b>	<b>\$82,880.00</b>	<b>\$89,930.00</b>	<b>\$1,840.00</b>	<b>\$0.00</b>	<b>\$840.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$220,324.00</b>
<b>2) Surveying Services</b>												
1. Record Research, Develop Base Map, and Establish Apparent ROW		1				12		2	10		25	\$3,699.00
2. Establish Project Control and Develop Topographic Survey, Culverts, Storm Sewer, Utilities		1				40		2	70		113	\$17,419.00
3. Tie Existing Surface Utilities and Locate Markings									8		8	\$1,400.00
4. Provide Control Sheets		2				20		2			24	\$3,068.00
5. Collect, Inventory and Photograph Existing Signs		1				2			2		5	\$779.00
<b>Total Hours</b>	0	5	0	0	0	74	0	6	90		175	
<b>SUMMARY</b>												
<b>HOURS SUB-TOTALS</b>	0	5	0	0	0	74	0	6	90		175	-
<b>BILLABLE RATE PER HOUR</b>	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00			-
<b>TOTAL - Surveying Services</b>	<b>\$0.00</b>	<b>\$995.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$8,510.00</b>	<b>\$0.00</b>	<b>\$1,110.00</b>	<b>\$15,750.00</b>	<b>\$0.00</b>		<b>\$26,365.00</b>

# EXHIBIT B - FEE SCHEDULE

## Tri County Parkway - City of Schertz Estimated Level of Effort for Intermediate and Final Design, and Construction Phase Services

POSITION DESCRIPTION	Sr. Project Manager/QAQC	Project Manager/ Sr. Lands Arch	Mid Project Engineer	Engineer EIT/ Lands Arch	Sr. GIS	Survey Technician	Admin Assistant	Mid RPLS Manager	SUE/Survey Crew 2-man	SubConsultant Fee	Total Labor hrs.	Cost
BILLABLE LABOR RATES	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00	Lump Sum		
<b>FINAL ENGINEERING PHASE SERVICES (100%)</b>												
<b>1) Engineering Services</b>												
<b>Roadway Design (100%)</b>												
1. Incorporate Comments From 90% Submittal		2	4	8							14	\$1,958.00
2. Final Title Sheet, Index Sheet, and Project Layout Sheets		1	4	4							9	\$1,299.00
3. Final Roadway Plan & Profile Layout Sheets		8	24	40							72	\$10,032.00
4. Final Traffic Control Plan	2	4	24	32							62	\$8,846.00
5. Final Intersection Layouts	1	2	8	12							23	\$3,323.00
6. Develop Island Layout at IH 35 (Landscaping Architecture Design)		1	4	8							13	\$1,759.00
7. Develop Island Layout at FM 3009 (Landscaping Architecture Design)		1	4	8							13	\$1,759.00
8. Develop FM 3009 Signaling	2	4	8	16							30	\$4,446.00
9. Final Miscellaneous Details		2		8							10	\$1,318.00
10. Final Roadway Quantity Summaries		2		8							10	\$1,318.00
11. Final Construction Cost Estimate		2		4							6	\$858.00
12. Develop Specifications and General Notes	1	4		16							21	\$2,901.00
13. Develop Construction Schedule	1	2	4								7	\$1,303.00
14. Develop Project Technical Specification Manual		2	12	8							22	\$3,238.00
<b>Utility Design/Coordination (100%)</b>												
1. Incorporate Comments From 90% Submittal		1	2	4							7	\$979.00
2. Final Sewer Plan and Profile		4	24	32							60	\$8,316.00
3. Final Schematic Bypass Plan			8	10							18	\$2,430.00
4. Final Miscellaneous Details			8	16							24	\$3,120.00
5. TCEQ Coorespondence for Plan Approval		1	8	8							17	\$2,399.00
<b>Drainage (100%)</b>												
1. Final Drainage Computation Summary Sheets		1		2							3	\$429.00
2. Final SW3P Layout Sheets		2	24	32							58	\$7,918.00
<b>Signing and Pavement Markings (100%)</b>												
1. Final Signing/Striping Layout Sheets		1	2	8							11	\$1,439.00
2. Final Signing/Striping Quantity and Plan Summaries		2		4							6	\$858.00
<b>Total Hours</b>	<b>7</b>	<b>49</b>	<b>172</b>	<b>288</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>516</b>	
<b>SUMMARY</b>												
<b>HOURS SUB-TOTALS</b>	7	49	172	288	0	0	0	0	0	0	516	-
<b>BILLABLE RATE PER HOUR</b>	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00			-
<b>TOTAL - Engineering Services (Final Design Phase)</b>	<b>\$1,855.00</b>	<b>\$9,751.00</b>	<b>\$27,520.00</b>	<b>\$33,120.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$72,246.00</b>
<b>2) Bid Phase Services</b>												
1. Develop Bid Form		1					1				2	\$269.00
2. Develop SW3P Manual		1	8	16			1				26	\$3,389.00
3. Attend Pre-Bid Meeting and Bid Opening		6	8								14	\$2,474.00
4. Provide Response to Contractor's Questions During Bidding Process		2	8	8							18	\$2,598.00
5. Develop Final Bid Tab Summary and Recommendation		4		8			1				13	\$1,786.00
<b>Total Hours</b>	<b>0</b>	<b>14</b>	<b>24</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>73</b>	
<b>SUMMARY</b>												
<b>HOURS SUB-TOTALS</b>	0	14	24	32	0	0	3	0	0	0	73	-
<b>BILLABLE RATE PER HOUR</b>	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00			-
<b>TOTAL - Bid Phase Services</b>	<b>\$0.00</b>	<b>\$2,786.00</b>	<b>\$3,840.00</b>	<b>\$3,680.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$210.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$10,516.00</b>
<b>CONSTRUCTION PHASE SERVICES</b>												
<b>1) Construction Phase Services</b>												
<b>Construction Services</b>												
1. Attend Pre-Construction conference		4	4								8	\$1,436.00
2. Review Shop Drawings		2	8	8							18	\$2,598.00
3. Review & Respond to Requests for Information (RFI's)		4	8	8							20	\$2,996.00
4. Prepare Final As-Built Record Drawings	1	4		16							21	\$2,901.00
<b>Total Hours</b>	<b>1</b>	<b>14</b>	<b>20</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>67</b>	
<b>SUMMARY</b>												
<b>HOURS SUB-TOTALS</b>	1	14	20	32	0	0	0	0	0	0	67	-
<b>BILLABLE RATE PER HOUR</b>	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00			-
<b>TOTAL - Construction Phase Services</b>	<b>\$265.00</b>	<b>\$2,786.00</b>	<b>\$3,200.00</b>	<b>\$3,680.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$9,931.00</b>

# EXHIBIT B - FEE SCHEDULE

## Tri County Parkway - City of Schertz Estimated Level of Effort for Intermediate and Final Design, and Construction Phase Services

POSITION DESCRIPTION	Sr. Project Manager/QAQC	Project Manager/ Sr. Lands Arch	Mid Project Engineer	Engineer EIT/ Lands Arch	Sr. GIS	Survey Technician	Admin Assistant	Mid RPLS Manager	SUE/Survey Crew 2-man	SubConsultant Fee	Total Labor hrs.	Cost
<b>BILLABLE LABOR RATES</b>	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00	Lump Sum		
<b>SPECIFIED ADDITIONAL SERVICES</b>												
<b>1) Specified Additional Services</b>												
Specified Additional Services												
Subsurface Utility Engineering (SUE) (5 Level A potholes @ \$3,000 each)										\$15,000.00	0	\$15,000.00
<b>Total Hours</b>	0	0	0	0	0	0	0	0	0		0	
<b>SUMMARY</b>												
<b>HOURS SUB-TOTALS</b>	0	0	0	0	0	0	0	0	0		0	-
<b>BILLABLE RATE PER HOUR</b>	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00			
<b>TOTAL - Specified Additiona Services</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$15,000.00</b>	<b>\$15,000.00</b>
<b>TOTAL PROJECT SUMMARY</b>												
<b>HOURS SUB-TOTALS</b>	30	278	734	1134	16	74	15	6	90		2377	\$354,382.00
<b>BILLABLE RATE PER HOUR</b>	\$265.00	\$199.00	\$160.00	\$115.00	\$115.00	\$115.00	\$70.00	\$185.00	\$175.00		2377	
<b>TOTAL PROJECT SUMMARY</b>	<b>\$7,950.00</b>	<b>\$55,322.00</b>	<b>\$117,440.00</b>	<b>\$130,410.00</b>	<b>\$1,840.00</b>	<b>\$8,510.00</b>	<b>\$1,050.00</b>	<b>\$1,110.00</b>	<b>\$15,750.00</b>	<b>\$15,000.00</b>	<b>2377</b>	<b>\$354,382.00</b>