

ENGINEERING SERVICES AGREEMENT

THIS AGREEMENT is made and entered into by and between the Fort Bend Grand Parkway Toll Road Authority, a transportation corporation organized and operating under the laws of the State of Texas, hereinafter called the "FBGPTRA" and EHRA, Inc. hereinafter called "Engineer."

WITNESSETH

WHEREAS, the FBGPTRA proposes to design the Grand Parkway Toll Road, Peek Road Overpass and Toll Plaza, in Fort Bend County, Texas, (the "Project");

WHEREAS, the FBGPTRA desires to enter into an agreement with Engineer for the performance of services during the Project, that are within the scope of services in Attachment A ("Scope of Services");

NOW, THEREFORE, in consideration of the mutual covenants and conditions set forth below, the parties agree as follows:

AGREEMENT

1. General

The Engineer shall render professional services to FBGPTRA related to the Project as defined in the Scope of Services in Attachment A.

The standard of care for all professional engineering and related services performed or furnished by Engineer under this Agreement will be the care and skill ordinarily used by members of Engineer's profession practicing under similar conditions at the same time and in the same locality.

2. Compensation and Payment

- a. The Maximum Compensation under this Agreement is \$197,520.00. The amount paid under this Agreement may not exceed the Maximum Compensation without an approved supplemental agreement.

Compensation for the performance of services within the Scope of Services described in Attachment A will be paid as a lump sum amount not to exceed \$197,520.00 as shown in Attachment B.

The Engineer shall furnish satisfactory documentation of such work (e.g. timesheets, billing rates, classifications, invoices, etc.) as may be required by FBGPTRA.

- b. All performance of the Scope of Services and any services outside the Scope of Services ("Additional Services"), including changes in the contractual scope of

work and revision of work satisfactorily performed, will be performed only when approved in advance and authorized by the FBGPTRA, and Additional Services will be reimbursed based on the billing rates in effect at that time, to the extent that such labor costs and subcontracts are reasonable and necessary for the performance of such services. Out-of-pocket expense costs may be reimbursed only when approved in advance and authorized by the FBGPTRA. Payment will be made on the basis of project progress to be billed monthly, and, for Additional Services, on the basis of time and expense records, and, in all cases, in accordance with those payment procedures set forth in subsection d. below. Billing rates will be inclusive of all direct labor, fringe benefits, general overhead, and profit.

- c. Where subcontractors are employed by the Engineer to perform pre-approved and pre-authorized Additional Services, the Engineer will be reimbursed for subcontractors' actual salaries and hourly rates, including overtime rates. Reimbursement to the subcontractor for non-salary costs incurred by subcontractor will be on the same basis as if the cost was incurred by the Engineer. For subcontractors employed for the convenience of the FBGPTRA, the Engineer will be paid a subcontract administrative fee equal to ten percent (10%) of all subcontractor invoiced amounts.
- d. It is understood and agreed that monthly payments will be made to the Engineer by the FBGPTRA based on the following procedures: On or about the fifteenth day of each month during the performance of services hereunder and on or about the fifteenth day of the month following completion of all services hereunder, the Engineer shall submit to the FBGPTRA two (2) copies of invoices showing the amounts due for services performed during the previous month, set forth separately for work under this Agreement and for any Additional Services (accompanied by supporting certified time and expense records of such charges in a form acceptable to the FBGPTRA). It is specifically understood that any requests for travel reimbursements shall comply with those procedures for travel reimbursement to Fort Bend County (the "County") employees established by the Fort Bend County Auditor (the "Auditor"). The FBGPTRA shall review such invoices and approve them within 30 calendar days with such modifications as are consistent with this Agreement, and forward same to the Auditor. The County shall pay each such invoice as approved by the FBGPTRA within thirty (30) calendar days after the FBGPTRA's approval of same.

3. Time of Performance

It is understood and agreed that the time for performance of the Engineer's services under this Agreement shall begin with receipt of the Notice to Proceed. The Engineer will maintain the delivery schedule in Attachment A.

This Agreement will terminate upon the Engineer's completion of the Scope of Services to the satisfaction of the FBGPTRA.

4. The FBGPTRA's Option to Terminate

- a. The FBGPTRA has the right to terminate this Agreement at its sole option at any time, with or without cause, by providing 30 days written notice of such intentions to terminate and by stating in said notice the "Termination Date" which shall be less than 30 days later than the actual receipt of such written notice by the Engineer. Upon such termination, the FBGPTRA shall compensate the Engineer in accordance with Section 2, above, for those services which were provided under this Agreement prior to its termination and which have not been previously invoiced to the FBGPTRA. The Engineer's final invoice for said services will be presented to and paid by the FBGPTRA in the same manner set forth in Section 2(d), above.
- b. Termination of this Agreement and payment as described in subsection (a) of this section shall extinguish all rights, duties, obligations, and liabilities of the FBGPTRA and the Engineer under this Agreement, and this Agreement shall be of no further force and effect, provided, however, such termination shall not act to release the Engineer from liability for any previous default either under this Agreement or under any standard of conduct set by common law or statute. The obligations in Sections 5, 6, and 14 of this Agreement shall survive the termination of this Agreement.
- c. If the FBGPTRA terminates this Agreement as provided in this section, no fees of any type, other than fees due and payable at the Termination Date, shall thereafter be paid to the Engineer.
- d. The FBGPTRA's rights and options to terminate this Agreement, as provided in any provision of this Agreement shall be in addition to, and not in lieu of, any and all rights, actions, and privileges otherwise available under law or equity to the FBGPTRA by virtue of this Agreement or otherwise. Failure of the FBGPTRA to exercise any of its said rights, actions, options, or privileges to terminate this Agreement as provided in any provision of this Agreement shall not be deemed a waiver of any rights, actions, or privileges otherwise available under the law or equity with respect to any continuing or subsequent breaches of this Agreement or of any other standard of conduct set by common law or statute.
- e. Copies of all completed and partially completed documents prepared under this Agreement shall be delivered to the FBGPTRA within 30 days of the Termination Date or upon Engineer's receipt of fees due and payable at the Termination Date, whichever is sooner, when and if this Agreement is terminated.

5. Inspection of the Engineer's Books and Records

Upon written notice (including email), the Engineer will permit the FBGPTRA, or any duly authorized agent of the FBGPTRA, to inspect and examine the books and records of the Engineer for the purpose of verifying the amount of work performed on the Project at reasonable times during normal business hours. FBGPTRA's right to inspect survives the termination of this Agreement for a period of four years.

6. Ownership and Reuse of Documents

Upon payment in full for undisputed amounts of Engineer's services, all documents, including original drawings, estimates, specifications, field notes, and data created, produced, developed or prepared by Engineer or its approved outside advisory or support consultants (collectively, the "Documents") shall be the property of the FBGPTRA, subject to all of the following terms and conditions; provided, however, FBGPTRA shall not own and shall have no right to receive any documents not deemed "final" by the Engineer until completion or termination of this Agreement, as applicable. Engineer will deliver the Documents to FBGPTRA within 30 days of the completion or termination of this Agreement and may retain a set of reproducible record copies of the Documents, provided that the Engineer has received full compensation due pursuant to the terms of this Agreement. It is mutually agreed that FBGPTRA will use the Documents solely in connection with the Project and for no other purposes, except with the express written consent of the Engineer, which consent will not be unreasonably withheld. Any use of the Documents without the express written consent of the Engineer will be at FBGPTRA's sole risk and without liability or legal exposure to Engineer.

FBGPTRA shall also be the owner of all intellectual property rights of the services rendered hereunder, including all rights of copyright therein. It is the intention of Engineer and FBGPTRA that the services provided are a "work for hire" as the term is used in the federal Copyright Act. Moreover, Engineer hereby agrees to assign, and by these presents, does assign to FBGPTRA, all of Engineer's worldwide right, title, and interest in and to such work product and all rights of copyright therein.

Engineer agrees that all trademarks, trade names, service marks, logos, or copyrighted materials of FBGPTRA that Engineer is permitted to use in connection with the services will not be used without FBGPTRA's consent and shall remain the sole and exclusive properties of FBGPTRA, and this Agreement does not confer upon Engineer any right or interest therein or in the use thereof.

7. Personnel, Equipment, and Material

- a. The Engineer represents that it presently has, or is able to obtain, adequate qualified personnel in its employment for the timely performance of the Scope of Services required under this Agreement and that the Engineer shall furnish and maintain, at its own expense, adequate and sufficient personnel and equipment, in the opinion of the FBGPTRA, to perform the Scope of Services when and as required and without delays. It is understood that the FBGPTRA will approve assignment and release of all key Engineer personnel and that the Engineer shall submit written notification of all key Engineer personnel changes for the FBGPTRA's approval prior to the implementation of such changes. For the purpose of this Agreement, key Engineer personnel are defined as: Project Manager. Services described in this Agreement shall be performed under the direction of a Texas Licensed Professional Engineer.
- b. All employees of the Engineer shall have such knowledge and experience as will enable them to perform the duties assigned to them. Any employee of the Engineer

who, in the opinion of the FBGPTRA, is incompetent, or, by his conduct, becomes detrimental to the Project, shall, upon request of the FBGPTRA, immediately be removed from association with the Project.

- c. Except as otherwise specified, the Engineer shall furnish all equipment, transportation, supplies, and materials required for its operation under this Agreement.

8. Items to be furnished to Engineer by the FBGPTRA

As applicable, the following items will be supplied to the Engineer:

- a. Copies of preliminary studies by others.
- b. Assistance in coordination with all utility companies.
- c. Assistance in coordination with all public and governmental entities.

9. Subletting

The Engineer shall not sublet, assign, or transfer any part of its rights or obligations in this Agreement without the prior written approval of the FBGPTRA. Responsibility to the FBGPTRA for sublet work shall remain with the Engineer.

10. Conference

At the request of the FBGPTRA, the Engineer shall provide appropriate personnel for conferences at its offices, or attend conferences at the various offices of the FBGPTRA, or at the site of the Project, and shall permit inspections of its offices by the FBGPTRA, or others when requested by the FBGPTRA.

11. Appearance as Witness

If requested by the FBGPTRA, or on its behalf, the Engineer shall prepare such engineering exhibits and plans as may be requested for all hearings and trials related to the Project and, further, it shall prepare for and appear at conferences at the office of the FBGPTRA and shall furnish competent expert engineering witnesses to provide such oral testimony and to introduce such demonstrative evidence as may be needed throughout all trials and hearings with reference to any litigation relating to the Project. Trial preparation and appearance by the Engineer in courts regarding litigation matters are Additional Services and compensation will be paid in accordance with Section 2(b).

12. Compliance with Laws

The Engineer shall comply with all federal, state, and local laws, statutes, ordinances, rules and regulations, and the orders and decrees of any courts or administrative bodies or tribunals in any matter affecting the performance of this Agreement, including, without limitation, Worker's Compensation laws, minimum and maximum salary and wage statutes

and regulations, licensing laws and regulations. When required, the Engineer shall furnish the FBGPTRA with certification of compliance with said laws, statutes, ordinances, rules, regulations, orders, and decrees above specified.

13. Insurance

The Engineer shall obtain and maintain, throughout the term of the Agreement, insurance of the types and in the minimum amounts set forth in Attachment C.

14. Indemnification

With respect to claims brought by third parties against either Engineer or the FBGPTRA relating to the property or facilities with respect to which this Agreement pertains, Engineer and the FBGPTRA agree as follows:

- a. **ENGINEER WILL INDEMNIFY AND HOLD HARMLESS THE FBGPTRA, ITS DIRECTORS, OFFICERS, AND EMPLOYEES AGAINST ANY CLAIMS, DEMANDS OR CAUSES OF ACTION; AND COSTS, LOSSES, LIABILITIES, EXPENSES AND JUDGMENTS INCURRED IN CONNECTION THEREWITH, INCLUDING REASONABLE ATTORNEY'S FEES AND COURT COSTS, BROUGHT BY ANY OF ENGINEER'S EMPLOYEES OR REPRESENTATIVES, OR BY ANY OTHER THIRD PARTY, BASED UPON, IN CONNECTION WITH, RESULTING FROM OR ARISING OUT OF THE NEGLIGENT ACTS, ERRORS OR OMISSIONS OF ENGINEER; HOWEVER, ENGINEER'S CONTRACTUAL OBLIGATION OF INDEMNIFICATION SHALL NOT EXTEND TO THE NEGLIGENCE OR OTHER FAULT OF THE FBGPTRA OR STRICT LIABILITY IMPOSED UPON THE FBGPTRA AS A MATTER OF LAW (INCLUDING STRICT LIABILITY IMPOSED UPON THE FBGPTRA AS A RESULT OF THE CONDITION OF THE PROPERTY OR FACILITIES WITH RESPECT TO WHICH THIS AGREEMENT PERTAINS).**
- b. In the event that both the FBGPTRA and Engineer are adjudicated negligent or otherwise at fault or strictly liable without fault with respect to damage or injuries sustained by the claimant, each shall be responsible for its own costs of litigation and pro rata share of damages as determined by the proceedings.

It is a condition precedent to the indemnitor' s contractual obligation of indemnification under this Agreement that the party seeking indemnity shall provide written notice of a third party claim, demand, or cause of action within 30 days after such third party claim, demand, or cause of action is received by the party seeking indemnity. It is a further condition precedent to the indemnitor' s contractual obligation of indemnification under this Agreement that the indemnitor shall thereafter have the right to participate in the investigation, defense, and resolution of such third-party claim.

15. Dispute Resolution

Except as expressly provided in Section 4. Option to Terminate, if a dispute arises out of, or relates to, the breach thereof, and if the dispute cannot be settled through negotiation,

then the FBGPTRA and the Engineer agree to submit the dispute to mediation. In the event the FBGPTRA or the Engineer desires to mediate any dispute, that party shall notify the other party in writing of the dispute desired to be mediated. If the parties are unable to resolve their differences within 10 days of the receipt of such notice, such dispute shall be submitted for mediation in accordance with the procedures and rules of the American Arbitration Association (or any successor organization) then in effect. The deadline for submitting the dispute to mediation can be changed if the parties mutually agree in writing to extend the time between receipt of notice and submission to mediation. The expenses of the mediator shall be shared 50 percent by the FBGPTRA and 50 percent by the Engineer. This requirement to seek mediation shall be a condition required before filing an action at law or in equity.

16. Delivery of Notices, Etc.

- a. All written notices, demands, and other papers or documents to be delivered to the FBGPTRA under this Agreement, shall be delivered to the Fort Bend County Toll Road Authority, 1950 Lockwood Bypass, Richmond, Texas 77469, Attention: Mike Stone, or at such other place or places as it may from time to time designate by written notice delivered to the Engineer. For purposes of notice under this Agreement, a copy of any notice or communication hereunder shall also be forwarded to the following address: Fort Bend County Clerk, 301 Jackson Street, Richmond, Texas 77469, Attention: County Judge.
- b. All written notices, demands, and other papers or documents to be delivered to the Engineer under this Agreement shall be delivered to EHRA, Inc. 10555 Westoffice Dr., Houston, TX 77042, Attention: Sivaji Senapathi or such other place or places as the Engineer may designate by written notice delivered to the FBGPTRA.

17. Reports of Accidents, Etc.

Within 24 hours after the occurrence of any accident or other event which results in, or might result in, injury to the person or property of any third person (other than an employee of the Engineer), whether or not it results from or involves any action or failure to act by the Engineer or any employee or agent of the Engineer and which arises in any manner from the performance of this Agreement, the Engineer shall send a written report of such accident or other event to the FBGPTRA, setting forth a full and concise statement of the facts pertaining thereto. The Engineer shall also immediately send the FBGPTRA a copy of any summons, subpoena, notice, other documents served upon the Engineer, its agents, employees, or representatives, or received by it or them, in connection with any matter before any court arising in any manner from the Engineer's performance of work under this Agreement.

18. The FBGPTRA's Acts

Anything to be done under this Agreement by the FBGPTRA may be done by such persons, corporations, or firms as the FBGPTRA may designate.

19. Limitations

Notwithstanding anything herein to the contrary, all covenants and obligations of the FBGPTRA under this Agreement shall be deemed to be valid covenants and obligations only to extent authorized by the Act creating the FBGPTRA and permitted by the laws and the Constitution of the State of Texas. This Agreement shall be governed by the laws of the State of Texas, and no officer, director, or employee of the FBGPTRA shall have any personal obligation hereunder.

20. Captions Not a Part Hereof

The captions of subtitle of the several sections and divisions of this Agreement constitute no part of the content hereof but are only labels to assist in locating and reading the provisions hereof.

21. Controlling Law, Venue

This Agreement shall be governed and construed in accordance with the laws of the State of Texas. The parties hereto acknowledge that venue is proper in Fort Bend County, Texas, for all disputes arising hereunder and waive the right to sue or be sued elsewhere.

22. Successors and Assigns

The FBGPTRA and the Engineer bind themselves and their successors, executors, administrators, and assigns to the other party of this Agreement and to the successors, executors, administrators, and assigns of the other party, in respect to all covenants of this Agreement.

23. Appendices

The Appendices attached to this Agreement, which consists of:

Attachment A	Scope of Services
Attachment B	Compensation for Scope of Services
Attachment C	Insurance Requirements

24. Statutory Terms Applicable To State Political Subdivisions

- a. As required by Chapter 2270, Government Code, Engineer hereby verifies that it does not boycott Israel and will not boycott Israel through the term of this Agreement. For purposes of this verification, "boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary

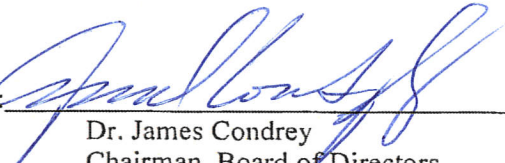
business purposes.

- b. Prior to execution of this Agreement by FBGPTRA, the Engineer will be required to submit a Texas Ethics Commission Form 1295. Please see this website for details related to this disclosure:
<https://www.ethics.state.tx.us/whatsnew/elfinfoform1295.htm>
- c. Engineer certifies and agrees that it is not identified on a list prepared and maintained under Sections 806.051, 807.051 or 2252.153, Texas Government Code.
- d. In accordance with Section 176.0065, Texas Local Government Code, a list of local government officers of FBGPTRA may be obtained by contacting the FBGPTRA's records administrator at (281) 500-6050.


[Signatures Follow]

IN WITNESS WHEREOF, the parties hereto have signed or have caused their respective names to be signed to multiple counterparts to be effective on the 20th day of November, 2019.

FORT BEND GRAND PARKWAY TOLL ROAD
AUTHORITY, a Texas local government
corporation

By: 
Dr. James Condrey
Chairman, Board of Directors

EHRA
ENGINEER

By: 
Name: A. Hasan Syed, P.E.
Title: Executive Vice President

EFFECTIVE DATE

THIS AGREEMENT IS EFFECTIVE ON THE DATE IT IS APPROVED BY THE FORT BEND COUNTY COMMISSIONERS COURT, AND IF NOT SO APPROVED SHALL BE NULL AND VOID.

DATE OF COMMISSIONERS COURT APPROVAL: _____

AGENDA ITEM NO.: _____



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TBPE No. F-726 | TBPLS No. 10092300

ATTACHMENT A SCOPE OF SERVICES

Grand Parkway Segment D – Section 8
CSJ #: 3510-04-049
Fort Bend Grand Parkway Toll Road Authority
PTM: Edminster, Hinshaw, Russ and Associates, Inc.
Subconsultant: IDS Engineers

Additional Scope of Services in updating the plans to meet current TxDOT standards and guidelines and design of southbound auxiliary lane between Bellaire Blvd and Peek Rd.:

TASK – SURVEY (IDS)

1. Additional topographic survey for southbound auxiliary lane between Bellaire Blvd and Peek Road. Survey will be performed on same control as the original Segment D-Section 8 survey.
2. Level C pipeline coordination/location services for (2) identified existing pipelines in the work area.
3. If pipeline company agrees to probe the gas lines (if of such depth to allow), ground elevations will be collected at probe locations. This work effort does not Level A or B SUE. If review of data and the coordination efforts detail that additional investigation is necessary to confirm no conflict exist with bridge design, this investigation would be performed under additional services.

TASK – COVER SHEET (EHRA & IDS)

1. Update traffic data and bridge NBI # if needed.

TASK – INDEX SHEET (EHRA)

1. Revise standard names in the index sheet
2. Incorporation of CivilCorp plan sheets for work performed in the Grand Parkway ROW (Signal, Roadway/NB right turn to NB Peek Road, etc.) into Index Sheet
3. Incorporation of Toll Gantry sheets and standards into Index Sheet
4. Incorporation of Illumination sheets and standards into Index Sheet
5. Incorporation of Signing sheets and standards (TEDSI) into Index Sheet
6. Incorporation of Pavement Marking sheets and standards (TEI) into Index Sheet
7. Incorporation of new sheets for Section 8 for standard updates and addition of auxiliary lane.



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8. Add signature blocks for IDS, TEDSI, TEI, Civil Corp and/or Transystems for their standards

TASK – GENERAL NOTES SHEET (EHRA & IDS)

1. Creation of a General Notes sheet based on latest TxDOT notes provided by BGE.

TASK – ROADWAY (EHRA & IDS)

1. Project Layout – Incorporate information for auxiliary lane
2. IDS to add existing and proposed typical sections for auxiliary lane
3. EHRA to extend SH 99 Alignment and/or create new alignment for auxiliary lane
4. EHRA to create auxiliary lane P&P sheets
5. EHRA to create auxiliary lane earthwork cross section sheets & provide earthwork quantities for IDS to incorporate into total earthwork
6. IDS to show Toll Gantry location on P&P sheets
7. IDS to update P&P sheets for Toll Gantry
8. IDS to update demo sheet for items to be removed/relocated due to auxiliary lane.
9. IDS to update demo sheet for removal of the barriers blocking Peek Road.

TASK – TRAFFIC CONTROL PLANS (EHRA)

1. TCP for auxiliary lane construction
2. Revise TCP advanced warning signs per the latest TxDOT standard and relocate due to auxiliary lane construction
3. Update TCP to show current conditions (Barriers blocking Peek Road)
4. Note for Remove existing temporary traffic barrier after completion of bridge construction and transport to the stockpile located at Westpark Toll Road and FM1464.

TASK – RETAINING WALLS (IDS)

1. Update Standards
2. Verify each original RW sheet conforms to new standards related to notes/typical section/data on the sheet
3. Add and complete the data for the retaining wall design MSE standard sheet

TASK – DRAINAGE (IDS)

1. Update Standards



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2. There are no proposed updates to Section 8 drainage calculations.
3. As the proposed auxiliary lane has no curb, there are no updates or analysis proposed for drainage modifications as a result of adding the auxiliary lane or creation of drainage sheets for this portion of the work

TASK – BRIDGE (EHRA)

As per the direction of PMC, 1. Bridge design will not be updated per the current TxDOT design guidelines; 2. Bridge deck slab thickness will not be revised from 8-inch to 8.5-inch per the current standards; and 3. Addressing potential gas pipeline conflicts with the substructure is considered as additional scope of services which requires prior authorization from PMC.

1. Bridge Layout Sheet
 - a. Engineer will update General Notes, ADT values, and bridge NBI #. PMC to provide updated ADT values and NBI# to the Engineer.
 - b. Update the Expansion Joint Callouts to conform with the current standards.
2. Bridge Typical Sections
 - a. None
3. Quantity Summary and Bearing Seat Elevations
 - a. Verify and update Bid Item specification numbers for bridge.
4. Foundation Layout
 - a. None.
5. Abutment Plan and Elevation
 - a. Temporary Concrete Class D will be replaced with Type B.
6. Bent and Column Details
 - a. None.
7. Framing Plan
 - a. None.
8. Slab Plan
 - a. Slab plan detail will be revised per new bridge standards. Reinforcing details will be revised per current standards to accommodate PCP panels.
 - b. Update Expansion Joint callouts.



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9. Slab Typical Section
 - a. Section details will be revised to show PCP panels to be consistent with latest TxDOT standards except for the deck slab thickness. As per the PMC direction the deck slab thickness will not be changed from 8-inch to 8.5 inches.
10. Beam Designs
 - a. None.
11. Bridge Standards
 - a. Will update bridge standards to the best our ability to maintain the deck slab thickness 8-inches as directed by PMC.
12. Aesthetic Details
 - a. Review General Notes on detail sheets and verify references to latest TxDOT specifications

TASK – ILLUMINATION (By Others)

1. Coordination Only

TASK – SIGNING (By Others)

1. Coordination Only

TASK – SWPPP (IDS)

1. Update Standards
2. Update Epic sheet
3. Update SW3P sheets to reflect auxiliary lane

TASK – PAVEMENT MARKINGS (By Others)

1. Coordination Only

TASK – QUANTITY TAKE-OFFS AND SUMMARIES (EHRA & IDS)

1. Update bid pay item numbers and specifications.
2. Incorporate quantities from other consultants.

TASK – PROJECT MANAGEMENT (EHRA & IDS)

1. Management of all tasks listed in Supplemental Scope Tasks.



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2. Coordination meetings with BGE, Civil Corp, TEDSI and TEI.
3. 5 Meetings with FBCTRA for plan review at FBCTRA/Mike Stone's office in Thompsons in Fort Bend.

TASK – PREPARATION AND SUBMITTAL OF PS&E (EHRA & IDS)

1. Update standard details to the latest version.
2. Incorporation of Traffic Signal Sheets prepared by Others (CivilCorp) into plan set
3. Incorporation of Toll Gantry sheets and standards into plan set
4. Incorporation of Illumination sheets and standards into plan set
5. Incorporation of Signing sheets and standards (TEDSI) into plan set
6. Incorporation of Pavement Marking sheets and standards (TEI) into plan set

TASK – CONSTRUCTION COST ESTIMATE (By Others)

TASK - DRAWING REVISIONS/CHANGES (EHRA & IDS)

1. Additional services hourly task set aside for unknowns at this time and for any changes to drawings/scope outside defined herein (work hourly basis with agreed to rates; not line item cost provided in budget at this time).

DELIVERABLES

Interim and Final Submittals (to be coordinated with BGE – not all submittals required for each milestone)

- 11" x 17" plan sheets (pdf)
- Final plans in PDF portfolio format. Plans may be signed and sealed electronically.
- List of governing Specifications and Special Provisions in addition to those required and including New Special Specifications and Special Provisions (Word and pdf)
- Marked up general notes (Word and pdf)
- Estimate of construction cost (Excel and pdf)
- Engineer sign, seal and date supplemental sheets (8 ½" x 11").
- Engineer's internal QA/QC marked-up set (pdf).
- Other supporting documents (Excel, pdf, Word, etc.).
- The Engineer shall also provide cross section information (in dgn, XLR & ASCII formats) for the contractor's use.

Within 30 days of letting, provide the Authority/BGE with:

- The Engineer shall provide all quantity and non-structural design calculations.
- Provide working copies of all spreadsheets, calculations, and output from any programs utilized.
- All associated electronic files of that comprise PS&E package including Microstation, bridge calcs, geopak files, etc.



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SCHEDULE

1. NTP – Dec. 2nd, 2019
2. Survey for Auxiliary lane – Dec. 2nd, 2019 to Dec. 20th, 2019 (3 Wks)
3. Auxiliary Preliminary Schematic Design – Dec. 23rd, 2019 to Jan. 17th, 2020 (4 Wks)
4. Auxiliary Schematic Review & Meeting – Jan. 20th, 2020 to Jan 24th, 2020 (1 Wk)
5. Preliminary Design – Jan 27th, 2020 to March 6th, 2019 (6 Wks)
6. Preliminary Design Review & Meeting – March 9th, 2019 to March 27th, 2020 (3 Wks)
7. Final Design – March 30th, 2020 to April 24th, 2020 (4 Wks)
8. Final Design Review– April 27th, 2020 to May 15th, 2020 (3 Wks)
9. Address comments & Sign and Seal plans –May 18th, 2020 to June 5th, 2020 (3 Wks)

**ATTACHMENT B
 COMPENSATION FOR SCOPE OF SERVICES
 FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D
 FEE SCHEDULE SUMMARY**

SECTION 8 DESIGN SERVICES

Section 8 Limits: Peek Road Bridge

Section 8 Station Limits: 1212+50 to 1245+00 (approximate)

PRIME PROVIDER: EDMINSTER, HINSHAW, RUSS AND ASSOCIATES, INC.

SUB PROVIDER: IDS Engineering Group

WORK TASK	DESCRIPTION	EDMINSTER, HINSHAW, RUSS AND ASSOCIATES, INC.	IDS Engineering Group	TOTAL
1	SURVEY		\$12,500.00	\$12,500.00
2	UTILITY COORDINATION	\$685.00	\$3,200.00	\$3,885.00
3	ROADWAY	\$26,970.00	\$15,178.00	\$42,148.00
4	DRAINAGE		\$2,684.00	\$2,684.00
5	CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL	\$9,690.00		\$9,690.00
6	RETAINING WALLS	\$520.00	\$6,596.00	\$7,116.00
7	BRIDGES	\$12,785.00		\$12,785.00
8	GENERAL NOTES AND SPECIFICATIONS	\$2,370.00	\$4,280.00	\$6,650.00
9	STANDARD DRAWINGS	\$2,670.00	\$7,200.00	\$9,870.00
10	QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES	\$11,740.00	\$4,646.00	\$16,386.00
11	MISCELLANEOUS DRAWINGS	\$4,625.00		\$4,625.00
12	PREPARATION AND SUBMITTAL OF PS&E	\$12,530.00	\$8,564.00	\$21,094.00
13	PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS	\$27,305.00	\$18,730.00	\$46,035.00
14	DIRECT EXPENSES	\$1,026.00	\$1,026.00	\$2,052.00
TOTAL		\$112,916.00	\$84,604.00	\$197,520.00
PERCENTAGE OF WORK BY PROVIDER		57.2%	42.8%	100.0%

**ATTACHMENT B
COMPENSATION FOR SCOPE OF SERVICES
FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

EDMINSTER, HINSHAW, RUSS AND ASSOCIATES, INC.

SECTION 8 DESIGN SERVICES

Section 8 Limits: Peek Road Bridge

Section 8 Station Limits: 1212+50 to 1245+00 (approximate)

TASK DESCRIPTION	NUMBER OF SHEETS	Principal	Project Manager	Project Engineer	Design Drafter	Design CAD	Administrative Assistant	N/A	N/A	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$275.00	\$185.00	\$130.00	\$120.00	\$95.00	\$85.00	\$0.00	\$0.00	
UTILITY COORDINATION										
GAS LINE COORDINATION	0		1	2	2					5
UTILITY CONFLICT LIST	0									0
SHEETS & HOURS SUBTOTAL	0	0	1	2	2	0	0	0	0	5
SUBTOTAL LABOR COSTS		\$0.00	\$185.00	\$260.00	\$240.00	\$0.00	\$0.00	\$0.00	\$0.00	\$685.00
ROADWAY										
FIELD VISITS/ DATA VERIFICATION	0		4	4						8
PROJECT LAYOUT SHEET			2	4	8					14
HORIZONTAL AND VERTICAL ALIGNMENTS (AUX LANE)	0		2	8	20					30
AUXILIARY LANE SCHEMATIC LAYOUT			2	4	4	16				26
AUXILIARY LANE PLAN & PROFILE	2		4	24	40	60				128
AUXILIARY LANE CROSS SECTIONS	10		4	16	60					80
SHEETS & HOURS SUBTOTAL	13	0	18	60	132	0	0	0	0	210
SUBTOTAL LABOR COSTS		\$0.00	\$3,330.00	\$7,800.00	\$15,840.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26,970.00
CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL										
TRAFFIC CONTROL PLAN SHEETS (AUXILIARY LANE)	2		4	12	16	20				52
REVISE TRAFFIC CONTROL PLAN			2	2	4					8
TRAFFIC CONTROL DETAIL SHEETS	1		2		6					8
CONSTRUCTION SEQUENCING	1		2	4	4					10
SHEETS & HOURS SUBTOTAL	4	0	10	18	30	20	0	0	0	78
SUBTOTAL LABOR COSTS		\$0.00	\$1,850.00	\$2,340.00	\$3,600.00	\$1,900.00	\$0.00	\$0.00	\$0.00	\$9,690.00
RETAINING WALLS										
REVIEW AND COMMENT ON SUBCONSULTANT DESIGN				4						4
SHEETS & HOURS SUBTOTAL	0	0	0	4	0	0	0	0	0	4
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$520.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$520.00
BRIDGES										
BRIDGE LAYOUT	1		2	2	2					6
BEARING SEAT ELEV. / QUANTITY SUMMARY	1		2	4	4					10
ABUTMENT PLAN & ELEVATION	1		1	1	2					4
SLAB PLAN	1		2	8	16					26
SLAB SECTIONS	1		2	8	16					26
SLAB DETAILS	1		2	8	16					26
SHEETS & HOURS SUBTOTAL	6	0	11	31	56	0	0	0	0	98
SUBTOTAL LABOR COSTS		\$0.00	\$2,035.00	\$4,030.00	\$6,720.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,785.00

**ATTACHMENT B
 COMPENSATION FOR SCOPE OF SERVICES
 FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

EDMINSTER, HINSHAW, RUSS AND ASSOCIATES, INC.

SECTION 8 DESIGN SERVICES

Section 8 Limits: Peek Road Bridge

Section 8 Station Limits: 1212+50 to 1245+00 (approximate)

TASK DESCRIPTION	NUMBER OF SHEETS	Principal	Project Manager	Project Engineer	Design Drafter	Design CAD	Administrative Assistant	N/A	N/A	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$275.00	\$185.00	\$130.00	\$120.00	\$95.00	\$85.00	\$0.00	\$0.00	
GENERAL NOTES AND SPECIFICATIONS										
GENERAL NOTES SHEET	1		2	8	8					18
SHEETS & HOURS SUBTOTAL	1	0	2	8	8	0	0	0	0	18
SUBTOTAL LABOR COSTS		\$0.00	\$370.00	\$1,040.00	\$960.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,370.00
STANDARD DRAWINGS										
REVIEW PLANS & UPDATE TO LATEST STANDARDS/SPECS	0		12	24						36
STANDARD DRAWINGS (MISCELLANEOUS)	8			1		8				9
STANDARD DRAWINGS (BRIDGE)	24			2		16				18
SHEETS & HOURS SUBTOTAL	32	0	0	3	0	24	0	0	0	27
SUBTOTAL LABOR COSTS		\$0.00	\$0.00	\$390.00	\$0.00	\$2,280.00	\$0.00	\$0.00	\$0.00	\$2,670.00
QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES										
QUANTITY TAKE-OFFS AT 30% MILESTONE	0		2	8	8		2			20
QUANTITY SUMMARY SHEETS AT 30% MILESTONE	0		2	8	8		2			20
QUANTITY TAKE-OFFS AT 95% MILESTONE	0		2	6	6		2			16
QUANTITY SUMMARY SHEETS AT 95% MILESTONE	0		2	6	6		2			16
QUANTITY TAKE-OFFS AT FINAL MILESTONE	0		2	4	4		2			12
QUANTITY SUMMARY SHEETS AT FINAL MILESTONE	0		2	2	2		2			8
SHEETS & HOURS SUBTOTAL	0	0	12	34	34	0	12	0	0	92
SUBTOTAL LABOR COSTS		\$0.00	\$2,220.00	\$4,420.00	\$4,080.00	\$0.00	\$1,020.00	\$0.00	\$0.00	\$11,740.00
MISCELLANEOUS DRAWINGS										
TITLE SHEET	1		1	1	2					4
INDEX SHEET	1		2	10	20					32
SHEETS & HOURS SUBTOTAL	2	0	3	11	22	0	0	0	0	36
SUBTOTAL LABOR COSTS		\$0.00	\$555.00	\$1,430.00	\$2,640.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,625.00
PREPARATION AND SUBMITTAL OF PS&E										
COMPILING (PRIME AND SUB SHEETS) AT 30% MILESTONE	0		4	2	4					10
PAPER AND ELECTRONIC SUBMITTAL AT 30% MILESTONE	0		2	4			4			10
COMPILING (PRIME AND SUB SHEETS) AT 95% MILESTONE	0		4	2	4					10
PAPER AND ELECTRONIC SUBMITTAL AT 95% MILESTONE	0		2	4			4			10
COMPILING (PRIME AND SUB SHEETS) AT FINAL MILESTONE	0		8	16	8		16			48
ELECTRONIC SUBMITTAL AT FINAL MILESTONE	0		2	4			4			10
SHEETS & HOURS SUBTOTAL	0	0	22	32	16	0	28	0	0	98
SUBTOTAL LABOR COSTS		\$0.00	\$4,070.00	\$4,160.00	\$1,920.00	\$0.00	\$2,380.00	\$0.00	\$0.00	\$12,530.00

**ATTACHMENT B
 COMPENSATION FOR SCOPE OF SERVICES
 FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

EDMINSTER, HINSHAW, RUSS AND ASSOCIATES, INC.

SECTION 8 DESIGN SERVICES

Section 8 Limits: Peek Road Bridge

Section 8 Station Limits: 1212+50 to 1245+00 (approximate)

TASK DESCRIPTION	NUMBER OF SHEETS	Principal	Project Manager	Project Engineer	Design Drafter	Design CAD	Administrative Assistant	N/A	N/A	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$275.00	\$185.00	\$130.00	\$120.00	\$95.00	\$85.00	\$0.00	\$0.00	
PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS										
COORDINATION WITH PMC (BGE)	0		8	12						20
COORDINATION WITH SUB-CONSULTANTS IN SECTION 8	0		8	16			12			36
MONTHLY INVOICES & PROGRESS REPORTS	0		8				16			24
PROGRESS REVIEW MEETINGS WITH SUB-CONSULTANT	0		8	8						16
COORDINATION MEETING WITH TOLL ROAD OFFICE (5 MEETINGS)			15	15						30
COORDINATION MEETING WITH PEAK ROAD DESIGN CONSULTANT			4	4						8
COORDINATION WITH TOLL GANTRY CONSULTANT			4	4						8
COORDINATION WITH PAVEMENT MARKING CONSULTANT			4	4						8
COORDINATION WITH SIGNING & ILLUMINATION DESIGN CONSULTANT			4	4						8
PROJECT FILE ADMINISTRATION	0		8	8			24			40
SHEETS & HOURS SUBTOTAL	0	0	71	75	0	0	52	0	0	198
SUBTOTAL LABOR COSTS		\$0.00	\$13,135.00	\$9,750.00	\$0.00	\$0.00	\$4,420.00	\$0.00	\$0.00	\$27,305.00
LABOR TOTAL										\$111,890.00

CRITICAL ASSUMPTIONS:

NO DETENTION, OFFSITE DRAINAGE DESIGN

NO MODIFICATION OF PEEK ROAD INTERSECTION REQUIRED

**ATTACHMENT B
 COMPENSATION FOR SCOPE OF SERVICES
 FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

EDMINSTER, HINSHAW, RUSS AND ASSOCIATES, INC.

SECTION 8 DESIGN SERVICES

Section 8 Limits: Peek Road Bridge

Section 8 Station Limits: 1212+50 to 1245+00 (approximate)

DESCRIPTION	QUANTITY	RATE	UNIT	TOTAL COST
DIRECT EXPENSES				
MILEAGE	600	\$0.51	Miles	\$306.00
COPIES (LETTER)	100	\$0.20	Each	\$20.00
COPIES (LEDGER)	1000	\$0.40	Each	\$400.00
DELIVERY/PICKUP CHARGES	10	\$30.00	Each	\$300.00
SUBTOTAL DIRECT EXPENSES				\$1,026.00

DESCRIPTION	SHTS BY WORK TASK	HRS BY WORK TASK	TOTAL COSTS BY WORK TASK
TOTALS BY WORK TASK			
UTILITY COORDINATION	0	5	\$685.00
ROADWAY	13	210	\$26,970.00
DRAINAGE	0	0	\$0.00
CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL	4	78	\$9,690.00
RETAINING WALLS	0	4	\$520.00
BRIDGES	6	98	\$12,785.00
GENERAL NOTES AND SPECIFICATIONS	1	18	\$2,370.00
STANDARD DRAWINGS	32	27	\$2,670.00
QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES	0	92	\$11,740.00
CONSTRUCTION COST ESTIMATE	0	0	\$0.00
MISCELLANEOUS DRAWINGS	2	36	\$4,625.00
PREPARATION AND SUBMITTAL OF PS&E	0	98	\$12,530.00
CHANGE TO DRAWINGS/REVISIONS	0	0	\$0.00
PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS	0	198	\$27,305.00
TOTAL LABOR COSTS	58	864	\$111,890.00

SUMMARY	
COSTS FOR EDMINSTER, HINSHAW, RUSS AND ASSOCIATES, INC. ONLY	\$111,890.00
NON-SALARY (DIRECT EXPENSES)	\$1,026.00
TOTAL EDMINSTER, HINSHAW, RUSS AND ASSOCIATES, INC.	\$112,916.00

**ATTACHMENT B
COMPENSATION FOR SCOPE OF SERVICES
FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

IDS ENGINEERING GROUP

SECTION 8 DESIGN SERVICES

Section 8 Limits: Peek Road Bridge

Section 8 Station Limits: 1212+50 to 1245+00 (approximate)

Section 8 Auxillary Lane from south bound on ramp from Bellaire to Peek Rd

TASK DESCRIPTION	NUMBER OF SHEETS	Principal	Project/Design Manager	Project Engineer	Design Drafter	Design CAD	Administrative Assistant	N/A	N/A	TOTAL LABOR HRS & COSTS
LABOR RATE PER HOUR		\$250.00	\$190.00	\$150.00	\$150.00	\$117.00	\$110.00	\$0.00	\$0.00	
SURVEY										
TOPOGRAPHIC SURVEY - REESTABLISH CONTROL/ACCESS COORDINATION/ONE-CALL										\$3,500.00
TOPOGRAPHIC SURVEY-FIELD WORK										\$5,500.00
TOPOGRAPHIC SURVEY - GENERATE DGN/CONTROL SHEET										\$3,500.00
SUBTOTAL LABOR COSTS										\$12,500.00
UTILITY COORDINATION										
GAS LINE COORDINATION		2	2	6	8		2			20
SHEETS & HOURS SUBTOTAL	0	2	2	6	8	0	2	0	0	20
SUBTOTAL LABOR COSTS		\$500.00	\$380.00	\$900.00	\$1,200.00	\$0.00	\$220.00	\$0.00	\$0.00	\$3,200.00
ROADWAY										
FIELD VISITS/ DATA VERIFICATION		2	2	2						6
PLAN AND PROFILE SHEETS (MINOR GRAPHIC UPDATES)	6	2	2	3	6	18				31
TYPICAL SECTIONS 5 SHEETS MINOR CHANGES	5	1	1	2	5	10				19
TYPICAL SECTIONS ADD 2 SHEETS FOR AUXILLARY LANE	2	1	2	6	6	16				31
REMOVAL SHEET (UPDATE PEEK RD/ADD SHEET FOR AUX LANE)	2	1	2	4	2	10				19
SHEETS & HOURS SUBTOTAL	15	7	9	17	19	54	0	0	0	106
SUBTOTAL LABOR COSTS		\$1,750.00	\$1,710.00	\$2,550.00	\$2,850.00	\$6,318.00	\$0.00	\$0.00	\$0.00	\$15,178.00
DRAINAGE										
STORM WATER POLLUTION PREVENTION PLAN	4		2	4	2	12				20
SHEETS & HOURS SUBTOTAL	4	0	2	4	2	12	0	0	0	20
SUBTOTAL LABOR COSTS		\$0.00	\$380.00	\$600.00	\$300.00	\$1,404.00	\$0.00	\$0.00	\$0.00	\$2,684.00
RETAINING WALLS										
RETAINING WALLS 1-6 UPDATE	6	1	3	6	3	12				25
RETAINING WALL QUANTITY SUMMARY SHEET (ADD)	1	1	3	8	2	6				20
SHEETS & HOURS SUBTOTAL	7	2	6	14	5	18	0	0	0	45
SUBTOTAL LABOR COSTS		\$500.00	\$1,140.00	\$2,100.00	\$750.00	\$2,106.00	\$0.00	\$0.00	\$0.00	\$6,596.00
GENERAL NOTES AND SPECIFICATIONS										
LIST OF SPECIFICATIONS REALTED TO ROADWAY, DRAINAGE AND RETAINING WALL		0	4	10						14
SPECIAL PROVISIONS FOR ROADWAY, DRAINAGE, AND RETAINING WALLS		1	4							5
GENERAL NOTES REVIEW AND NARRATIVE CONFIRMATION		1	4							5
SHEETS & HOURS SUBTOTAL	0	2	12	10	0	0	0	0	0	24
SUBTOTAL LABOR COSTS		\$500.00	\$2,280.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,280.00

**ATTACHMENT B
 COMPENSATION FOR SCOPE OF SERVICES
 FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

IDS ENGINEERING GROUP

SECTION 8 DESIGN SERVICES

Section 8 Limits: Peek Road Bridge

Section 8 Station Limits: 1212+50 to 1245+00 (approximate)

Section 8 Auxillary Lane from south bound on ramp from Bellaire to Peek Rd

TASK DESCRIPTION	NUMBER OF SHEETS	Principal	Project/Design Manager	Project Engineer	Design Drafter	Design CAD	Administrative Assistant	N/A	N/A	TOTAL LABOR HRS & COSTS
STANDARD DRAWINGS										
UPDATE STANDARD DRAWINGS/CONFIRM DESIGN CONFORMANCE	30		6	12	5	30				53
SHEETS & HOURS SUBTOTAL	30	0	6	12	5	30	0	0	0	53
SUBTOTAL LABOR COSTS		\$0.00	\$1,140.00	\$1,800.00	\$750.00	\$3,510.00	\$0.00	\$0.00	\$0.00	\$7,200.00
QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES										
UPDATE QUANTITY TAKES OFFS FROM ORIG DESIGN	4	1	2	8	4	4				19
UPDATE/ADD/COORDINATE QUANTITY TAKES OFFS - OTHER FIRMS/AUXILLARY LANE			2	4	2	4				12
SHEETS & HOURS SUBTOTAL	4	1	4	12	6	8	0	0	0	31
SUBTOTAL LABOR COSTS		\$250.00	\$760.00	\$1,800.00	\$900.00	\$936.00	\$0.00	\$0.00	\$0.00	\$4,646.00
PREPARATION AND SUBMITTAL OF PS&E										
SUBMITTALS (30,95 AND FINAL)		3	6	12	6	12	6			45
ELECTRONIC FILES			1	2	8		2			13
SHEETS & HOURS SUBTOTAL	0	3	7	14	14	12	8	0	0	58
SUBTOTAL LABOR COSTS		\$750.00	\$1,330.00	\$2,100.00	\$2,100.00	\$1,404.00	\$880.00	\$0.00	\$0.00	\$8,564.00
PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS										
ATTEND MTGS - DCC, PRE-DESIGN, STATUS		10	10				3			23
PROJECT MANAGEMENT AND QA/QC		10	24				3			37
COORDINATE DESIGN w/ OTHER FIRMS AND DISIPLINES		4	12	12	8		3			39
SHEETS & HOURS SUBTOTAL	0	24	46	12	8	0	9	0	0	99
SUBTOTAL LABOR COSTS		\$6,000.00	\$8,740.00	\$1,800.00	\$1,200.00	\$0.00	\$990.00	\$0.00	\$0.00	\$18,730.00
LABOR TOTAL										\$83,578.00

**ATTACHMENT B
COMPENSATION FOR SCOPE OF SERVICES
FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**

IDS ENGINEERING GROUP

SECTION 8 DESIGN SERVICES

Section 8 Limits: Peek Road Bridge

Section 8 Station Limits: 1212+50 to 1245+00 (approximate)

DESCRIPTION	QUANTITY	RATE	UNIT	TOTAL COST
DIRECT EXPENSES				
MILEAGE	600	\$0.51	Miles	\$306.00
COPIES (LETTER)	100	\$0.20	Each	\$20.00
COPIES (LEDGER)	1000	\$0.40	Each	\$400.00
DELEVERY CHARGES	10	\$30.00	Each	\$300.00
SUBTOTAL DIRECT EXPENSES				\$1,026.00

DESCRIPTION	SHTS BY WORK TASK	HRS BY WORK TASK	TOTAL COSTS BY WORK TASK
TOTALS BY WORK TASK			
SURVEY	0	3500	\$12,500.00
UTILITY COORDINATION	0	20	\$3,200.00
ROADWAY	15	106	\$15,178.00
DRAINAGE	4	20	\$2,684.00
CONSTRUCTION SEQUENCING AND TRAFFIC CONTROL	0	0	\$0.00
RETAINING WALLS	7	45	\$6,596.00
BRIDGES	0	0	\$0.00
GENERAL NOTES AND SPECIFICATIONS	0	24	\$4,280.00
STANDARD DRAWINGS	30	53	\$7,200.00
QUANTITY TAKE-OFFS AND QUANTITY SUMMARIES	4	31	\$4,646.00
CONSTRUCTION COST ESTIMATE	0	0	\$0.00
MISCELLANEOUS DRAWINGS	0	0	\$0.00
PREPARATION AND SUBMITTAL OF PS&E	0	58	\$8,564.00
CHANGE TO DRAWINGS/REVISIONS	0		\$0.00
PROJECT MANAGEMENT AND SECTION LEAD MANAGEMENT TASKS	0	99	\$18,730.00
TOTAL LABOR COSTS	60	456	\$83,578.00

SUMMARY	
TOTAL COSTS FOR IDS ENGINEERING GROUP ONLY	\$83,578.00
NON-SALARY (DIRECT EXPENSES)	\$1,026.00
TOTAL IDS ENGINEERING GROUP	\$84,604.00

ATTACHMENT C

The Engineer shall furnish certificates of insurance to the FBCTRA evidencing compliance with the insurance requirements hereof. Certificates shall indicate name of the Engineer, name of insurance company, policy number, term of coverage and limits of coverage. The Engineer shall cause its insurance companies to provide the FBCTRA with at least 30 days prior written notice of any cancellation or non-renewal of the insurance coverage required under this Agreement. The Engineer shall obtain such insurance from such companies having a Bests rating of B+/VII or better, licensed or approved to transact business in the State of Texas, and shall obtain such insurance of the following types and minimum limits:

- a. Workers' Compensation insurance in accordance with the laws of the State of Texas, or state of hire/location of Services, and Employers' Liability coverage with a limit of not less than \$1,000,000 each employee for Occupational Disease, \$1,000,000 policy limit for Occupational Disease; and Employer's Liability of \$1,000,000 each accident.

- b. Commercial General Liability insurance including coverage for Products/Completed Operations, Blanket Contractual, Broad Form Property Damage, Personal Injury/Advertising Liability, and Bodily Injury and Property Damage with limits of not less than:
 - \$2,000,000 general aggregate limit
 - \$1,000,000 each occurrence, combined single limit
 - \$2,000,000 aggregate Products, combined single limit
 - \$1,000,000 aggregate Personal Injury/Advertising Liability
 - \$50,000 Fire Legal Liability
 - \$5,000 Premises Medical

- c. Business Automobile Liability coverage applying to owned, non-owned and hired automobiles with limits not less than \$1,000,000 each occurrence combined single limit for Bodily Injury and Property Damage combined.

- d. Umbrella Excess Liability insurance written as excess of Employer's Liability, with limits not less than \$2,000,000 each occurrence combined single limit.

- e. Professional Liability insurance with limits not less than \$2,000,000 each claim/annual aggregate.

The FBCTRA and the FBCTRA's Directors shall be named as additional insureds to all coverages required above, except for those requirements in paragraphs "a" and "e." All policies written on behalf of the Engineer shall contain a waiver of subrogation in favor of the FBCTRA and the FBCTRA's Directors, with the exception of insurance required under paragraph "e."

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

Certificate Number:
2019-560895

Date Filed:
11/12/2019

Date Acknowledged:
11/19/2019

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Edminster Hinshaw Russ & Associates, Inc. d/b/a EHRA Engineering
Houston, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Grand Parkway Toll Road Authority (GPTRA)

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

126-1010
Professional Engineering Services for Grand Parkway, Segment D

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Edminster, III, Truman C.	Houston, TX United States	X	
	Russ, James B.	Houston, TX United States	X	
	Syed, Aqil Hasan	Houston, TX United States	X	
	Mueller, Don	Houston, TX United States	X	
	Swann, Vally	Houston, TX United States	X	

5 Check only if there is NO Interested Party.

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)