

## ENVIRONMENTAL SERVICES AGREEMENT

THIS AGREEMENT is made and entered into by and between the Fort Bend County Toll Road Authority, a transportation corporation organized and operating under the laws of the State of Texas, hereinafter called the "FBCTRA" and Bio-West, Inc., hereinafter called "Contractor."

### WITNESSETH

WHEREAS, the FBCTRA desires to enter into an agreement for the performance by Contractor of services during the Project, and which are within the "Scope of Services" as defined in paragraph 2 below;

WHEREAS, the FBCTRA proposes to review the environmental constraints and provide final environmental permitting required for the future extension of the Fort Bend Parkway Toll Road, from Sienna Parkway to FM 2759, in Fort Bend County, Texas, (the "Project");

WHEREAS, the FBCTRA desires for the Contractor to provide environmental services for the "Project",

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

### AGREEMENT

#### 1. General

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

The standard of care for all professional services performed or furnished by Contractor under this Agreement will be the care and skill ordinarily used by members of Contractor'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 contract is \$177,071.50. The amount paid under this Agreement may not exceed the Maximum Compensation without an approved change order.

Compensation for the performance of services within the Scope of Services described in Attachment A will be paid an amount not to exceed \$177,051.50, as shown in Attachment B. Progress payments for work detailed in Attachment A will be made when the Contractor has attained a level of completion equal to or greater than agreed upon milestones of completion in the reasonable opinion of FBCTRA.

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

- b. All performance of the Scope of Services and any 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 FBCTRA, 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 FBCTRA. Payment will be made on the basis of project completion certificate and, for Additional Services, time and expense records and in accordance with those payment procedures set forth in subparagraph d. below. Billing rates will be inclusive of all direct labor, fringe benefits, general overhead, and profit.
- c. Where subcontractors are employed by the Contractor to perform additional services not within the original Scope of Services, the Contractor 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 Contractor. For subcontractors employed for the convenience of the FBCTRA, the Contractor 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 Contractor by the FBCTRA 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 Contractor shall submit to the FBCTRA 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 additional services (accompanied by supporting certified time and expense records of such charges in a form acceptable to the FBCTRA.) It is specifically understood that any requests for travel reimbursements shall comply with those procedures for travel reimbursement to Fort Bend County employees established by the Fort Bend County Auditor. The FBCTRA 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 FBCTRA within thirty (30) calendar days after the FBCTRA's approval of same.

3. Time of Performance

It is understood and agreed that the time for performance of the Contractor's services under this Agreement shall begin with receipt of the Notice to Proceed and end December 31, 2018.

4. The FBCTRA's Option to Terminate

- a. The FBCTRA 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 Contractor. Upon such termination, the FBCTRA shall compensate the Contractor in accordance with paragraph 3, above, for those services which were provided under this Agreement prior to its termination and which have not been previously invoiced to the FBCTRA. The Contractor's final invoice for said services will be presented to and paid by the FBCTRA in the same manner set forth in paragraph 2(b), above.
- b. Termination of this Agreement and payment as described in subparagraph (a) of this Paragraph shall extinguish all rights, duties, obligations, and liabilities of the FBCTRA and the Contractor under this Agreement and this Agreement shall be of no further force and effect, provided, however, such termination shall not act to release the Contractor 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 Paragraph 6 shall survive the termination of this Agreement.
- c. If the FBCTRA terminates this Agreement as provided in this paragraph, no fees of any type, other than fees due and payable at the Termination Date, shall thereafter be paid to the Contractor.
- d. The FBCTRA'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 FBCTRA by virtue of this Agreement or otherwise. Failure of the FBCTRA 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 FBCTRA within 30 days or upon Contractor's receipt of termination payment, whichever is sooner, when and if this Agreement is terminated.

5. Inspection of the Contractor's Books and Records

The Contractor will permit the FBCTRA, or any duly authorized agent of the FBCTRA, to inspect and examine the books and records of the Contractor for the purpose of verifying the amount of work performed on the Project. FBCTRA's right to inspect survives the termination of this Agreement for a period of four years.

6. Ownership and Reuse of Documents

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

FBCTRA 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 Contractor and FBCTRA that the services provided are a "work for hire" as the term is used in the federal Copyright Act. Moreover, Contractor hereby agrees to assign, and by these presents, does assign to FBCTRA all of Contractor worldwide right, title and interest in and to such work product and all rights of copyright therein.

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

7. Personnel, Equipment, and Material

- a. The Contractor 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 Contractor shall furnish and maintain, at its own expense, adequate and sufficient personnel and equipment, in the opinion of the FBCTRA, to perform the Scope of Services when and as required and without delays. It is understood that the FBCTRA will approve assignment and release of all key Contractor personnel and that the Contractor shall submit written notification of all key Contractor personnel changes for the FBCTRA's approval prior to the implementation of such changes. For the

purpose of this agreement, key Contractor personnel are defined as: Project Manager.

- b. All employees of the Contractor shall have such knowledge and experience as will enable them to perform the duties assigned to them. Any employee of the Contractor who, in the opinion of the FBCTRA, is incompetent or by his conduct becomes detrimental to the Project shall, upon request of the FBCTRA, immediately be removed from association with the Project.
- c. Except as otherwise specified, the Contractor shall furnish all equipment, transportation, supplies, and materials required for its operation under this Agreement.

8. Items to be furnished to Contractor by the FBCTRA

The following items will be supplied to the Contractor:

- a. Electronic files of construction plans and bid book (including construction contract, special specifications, special provisions, general notes, etc.)

9. Subletting

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

10. Conference

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

11. Appearance as Witness

If requested by the FBCTRA, or on its behalf, the Contractor shall prepare such 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 FBCTRA's Executive Director and shall furnish competent expert 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 Contractor in courts regarding litigation matters are Additional Services and compensation will be made in accordance with the schedule contained in Exhibit B.

12. Compliance with Laws

The Contractor 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 Contractor shall furnish the FBCTRA with certification of compliance with said laws, statutes, ordinances, rules, regulations, orders, and decrees above specified.

13. Insurance

The Contractor 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 Contractor of the FBCTRA relating to the property or facilities with respect to which this Agreement pertains, Contractor and the FBCTRA agree as follows:

- a. **CONTRACTOR WILL INDEMNIFY AND HOLD HARMLESS THE FBCTRA, 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 CONTRACTOR'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 CONTRACTOR; HOWEVER, CONTRACTOR'S CONTRACTUAL OBLIGATION OF INDEMNIFICATION SHALL NOT EXTEND TO THE NEGLIGENCE OR OTHER FAULT OF THE FBCTRA OR STRICT LIABILITY IMPOSED UPON THE FBCTRA AS A MATTER OF LAW (INCLUDING STRICT LIABILITY IMPOSED UPON THE FBCTRA 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 FBCTRA and Contractor 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. Termination, if a dispute arises out of, or relates to, the breach thereof, and if the dispute cannot be settled through negotiation, then the FBCTRA and the Contractor agree to submit the dispute to mediation. In the event the FBCTRA or the Contractor 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 FBCTRA and 50 percent by the Contractor. 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 FBCTRA under this Agreement shall be delivered to the Fort Bend County Toll Road Authority, P.O. Box 1307, Richmond, Texas 774406, Attention: Mike Stone, or at such other place or places as it may from time to time designate by written notice delivered to the Contractor. 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 Contractor under this Agreement shall be delivered to Bio-West, Inc., 1018 Frost Street, Rosenberg, Texas 77471, Attention: Martin R. Heaney, or such other place or places as the Contractor may designate by written notice delivered to the FBCTRA.

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 Contractor), whether or not it results from or involves any action or failure to act by the Contractor or any employee or agent of the Contractor and which arises in any manner from the performance of this Agreement, the Contractor shall send a written report of such accident or other event to the FBCTRA, setting forth a full and concise statement of the facts pertaining thereto. The Contractor shall also immediately send the FBCTRA a copy of any summons, subpoena, notice, other documents served

upon the Contractor, 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 Contractor's performance of work under this Agreement.

18. The FBCTRA's Acts

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

19. Limitations

Notwithstanding anything herein to the contrary, all covenants and obligations of the FBCTRA under this Agreement shall be deemed to be valid covenants and obligations only to extent authorized by the Act creating the FBCTRA 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 FBCTRA 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 FBCTRA and the Contractor 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

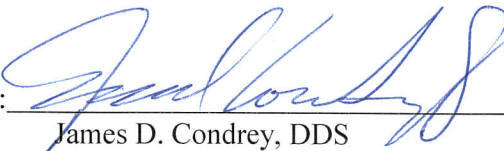
The Appendices attached to this Agreement, which consists of:

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



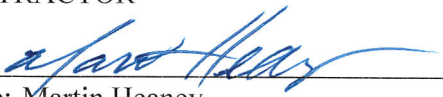
IN WITNESS WHEREOF, the parties hereto have signed or have caused their respective names to be signed to multiple counterparts to be effective on the 20<sup>th</sup> day of January, 2016.

FORT BEND COUNTY TOLL ROAD  
AUTHORITY, a local government Texas  
corporation

By:   
James D. Condrey, DDS  
Chairman, Board of Directors

ATTEST:   
By \_\_\_\_\_  
Secretary, Board of Directors

Bio-West, Inc.  
CONTRACTOR

By:   
Name: Martin Heaney  
Title: 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.: \_\_\_\_\_

# **ATTACHMENT A**

## **SCOPE OF SERVICES**

The scope of services to be performed consists of providing environmental services for the future extension of the Fort Bend Parkway Toll Road from Sienna Parkway to FM 2759. The work tasks include all required reviews and submittals necessary to obtain permits for the future construction of the project.

### **Part 1**

1) Wetland Delineation of 3.25 miles of ~400' wide Fort Bend Parkway Toll Road ROW (approx. 160 acres).

2) Threatened and endangered species survey.

\*2a) Species specific surveys (mussels within the Brazos River or Flat Bank/Steep Bank Creek).

3) Cultural Resources Survey – A detailed review of previous surveys and previously identified sites will be conducted within and adjacent to the road ROW. Specific recommendations can be generated from this detailed review to compliment design strategy.

4) Phase I Environmental Site Assessment – A Phase I ESA identifies potential or existing environmental contamination liabilities on properties. The actual sampling of soil, air, groundwater and/or building materials is not conducted during a Phase I ESA. The study involves a detailed database search and visual surface inspection of the property.

These initial surveys will allow us to discuss project construction with the team and make educated and professional judgement calls moving forward and hopefully get the project to be a Nationwide Permit.

### **Part 1 Deliverables**

- 1) Wetland Delineation Report: Documenting the existing soils, hydrology, vegetation, and quantification of all jurisdictional areas within the surveyed areas. This report will be complete with all USACE Routine Data Sheets and associated maps needed for submission to the USACE for review.
- 2) Threatened and Endangered Species Report: Includes relevant information regarding federally listed threatened and endangered species occurring in or adjacent to the project site and the likelihood of the project affecting said species.
- 3) Cultural Resources Survey Report: Will use a desktop and available resources investigation to determine the presence of past archeological surveys and any significant findings, providing potential details regarding project impacts.

- 4) Phase I ESA: A Phase I ESA report will be supplied to the Client. This will document findings based upon field survey and available historical database search.

## **Part 2**

The remaining tasks will need to be completed as required for permit submission but can be completed and initiated at any time following the completion of Part 1 and initial project design.

- 1) Wetland assessment modeling - Conducting hydrogeomorphic (HGM) analysis – Numerically evaluate and score all wetlands proposed to be impacted by the project with current design plans. This also provides and determines appropriate mitigation crediting if needed.

- 2) Stream assessment tool

\*2a) Level 1 (GDSAT) - This will be used to evaluate and numerically score the creeks and river crossings if needed based on design of the project. This will be used if detailed analysis of the river is not required.

\*2b) Level 2 analysis of the Brazos River. This requires the use of a boat, electro-fishing equipment, invertebrate sampling, and other water quality measurements not associated with Level 1. This will be used if detailed analysis of the river is required.

- 3) Pedestrian Archaeological Survey - Field survey to investigate the project alignment and its potential to impact historic or culturally significant features.

- 4) Permitting - this will be determined based on project impacts.

\*7a) Nationwide permit. This is implemented if impacts to jurisdictional areas are less than 0.50 acres.

\*7b) Individual permit. This will be used if impacts to jurisdictional areas are greater than or equal to 0.50 acres.

- 5) Categorical Exclusion – A NEPA document, utilized for the potential connection/extension of FM 2759 and the proposed FB Toll Road.

\* These tasks will only be performed if they are determined to be necessary.

## **Part 2 Deliverables**

- 1) Section 404 Clean Water Act and Section 10 Rivers and Harbors Act permit: In the form of either a Nationwide Permit or an Individual Permit. This permit will document relevant regulated features and describe the project, its impact to said features, and proposed mitigative options to off-set impacts. Included with these deliverables will be all products associated with the development and submission of a Section 404/10 permit, (maps, project drawings, and all other required appendices).

- 2) Pedestrian Archaeological Survey Report: A full report on the findings of the field survey described above, including submission and coordination with Texas Historical Commission.
- 3) Categorical Exclusion: Full preparation and submission of a CE document if needed for the extension of FM 2759.

**ATTACHMENT A  
SCOPE OF SERVICES  
WORK SCHEDULE**

Fort Bend Pkwy Extension  
Sienna Pkwy to FM 2759

TASK SET 1	DAY 0	30	60	90	120	150	180	210	240	270	300	330	360	400	430	460	490	520	550	580	610	640	700	730
Wetland Delineation	Start		Complete																					
T&E Assessment	Start	Complete																						
Desktop Archaeological Review	Start	Complete																						
Phase I ESA	Start	Complete																						
TASK SET 2																								
Wetland Assessment Model	Start	Complete																						
Stream Assessment Model	Start	Complete																						
Work w/ Engineer on Alignment	Start	Complete																						
Archaeological Survey/Report	Start	Complete																						
Nationwide Permit	Start	Complete																						
Drafting Individual Permit	Start	Complete																						
Alternatives Analysis	Start	Complete																						
Mitigation Plan	Start	Complete																						
Coastal Zone Management Plan	Start	Complete																						
TCEQ Tier II Checklist	Start	Complete																						
Mapping and Project Design	Start	Complete																						
Response to Public Comments	Start	Complete																						
Agency Coordination	Start	Complete																						
USACE Meetings	Start	Complete																						
Project Management	Start																							Complete

**Attachment B**  
Compensation For Scope of Services  
(Lump Sum Payment Type Basis)

Fort Bend Pkwy Extension  
Sienna Pkwy to FM 2759

SUMMARY

PRIME PROVIDER NAME: BIO-WEST, INC.

TOTAL PRIME PROVIDER: BIO-WEST, INC.	\$	135,710.00
TOTAL SUBPROVIDER: HRA GAY & PAPE LLC.	\$	41,361.50
GRAND TOTAL		\$177,071.50

Attachment B  
Compensation For Scope of Services  
(Lump Sum Payment Type Basis)

Fort Bend Pkwy Extension  
Sienna Pkwy to FM 2759

Bio-West, Inc.

Task	Hours					Total Hours & Cost	Cost
	Admin	ArcGIS Designer	Ecologist	Senior Ecologist	Principal Ecologist		
Contract Rate Per Hour	\$ 60.00	\$ 75.00	\$ 85.00	\$ 110.00	\$ 145.00		
PART 1							
Wetland Delineation	6	20	110	110	20	266	\$ 26,210.00
T&E Assessment	2	2	6	6	4	20	\$ 2,020.00
Species Specific Surveys		8	8	8	6	30	\$ 3,030.00
Desktop Archeological Review	To be completed by HRA Gray & Pape LLC						
Phase I Environmental Site Assessment	8	8	24	10	4	54	\$ 4,800.00
Project Management	4	2	8	10	4	28	\$ 2,750.00
Hours Sub-Total	20	40	156	144	38	398	
Subtotal (Part 1)	\$1,200.00	\$3,000.00	\$13,260.00	\$15,840.00	\$5,510.00	\$38,810.00	\$ 38,810.00
PART 2							
Wetland Assessment Model	4	8	16	14	2	44	\$ 4,030.00
Stream Assessment Model							\$ -
Level 1 Analysis (GDSAT)	2	8	10	10	2	32	\$ 2,960.00
*Level 2 Analysis (Brazos River)	4	8	12	12	10	46	\$ 4,630.00
Archaeological Survey/Report	To be completed by HRA Gray & Pape LLC						
Permitting							
Nationwide Permit with Section 10 Coordination	8	30	24	80	10	152	\$ 15,020.00
Drafting Individual Permit	20	60	60	240	40	420	\$ 43,000.00
Alternatives Analysis	(INCLUDED IN DRAFTING INDIVIDUAL PERMIT TASK)						
Mitigation Plan							
Coastal Zone Management Plan							
TCEQ Tier II Checklist							
USACE Meetings							
Response to Public Comments							
Agency Cordination							
Mapping and Project Design							
*Categorical Exclusion	8	16	30	60	16	130	\$ 13,150.00
Project Management	10	16	24	40	12	102	\$ 9,980.00
Hours Sub-Total	56	146	176	456	92	926	
Subtotal (Part 2)	\$3,360.00	\$10,950.00	\$14,960.00	\$50,160.00	\$13,340.00	\$92,770.00	\$ 92,770.00
Total Hours	76	186	332	600	130	1324	
Contract Rate Per Hour	\$ 60.00	\$ 75.00	\$ 85.00	\$ 110.00	\$ 145.00		
Subtotal (Labor Expenses)	\$ 4,560.00	\$ 13,950.00	\$ 28,220.00	\$ 66,000.00	\$ 18,850.00		\$ 131,580.00
Direct Expenses							
Item	Cost/Unit	Unit	Quantity			Cost	
Printing/Reproduction	\$ 150.00	Per Permit	1			\$ 150.00	
Overnight Postage	\$ 30.00	Each	5			\$ 150.00	
Mileage - Meetings and Site Visits	\$ 0.54	MI	750			\$ 405.00	
Equipment/GPS	\$ 100.00	Per Day	10			\$ 1,000.00	
Field camera and data books, oil and fuel for generator	\$ 50.00	Per Day	10			\$ 500.00	
Water, field data books, marking flags and tape, PPE	\$ 20.00	Per Day	10			\$ 200.00	
Subtotal (Direct Expenses)						\$ 2,405.00	
*Electro-Boat	\$ 800.00	Each	1			\$ 800.00	
*Electro-Fishing Equipment	\$ 450.00	Each	1			\$ 450.00	
*YSI - Water Quality Meter	\$ 125.00	Each	1			\$ 125.00	
*Aquatic Invertebrate Sampling Equip.	\$ 350.00	Each	1			\$ 350.00	
Subtotal (Direct Expenses - Level 2 Analysis)						\$ 1,725.00	
TOTAL						\$ 135,710.00	

Attachment B  
Compensation For Scope of Services  
(Lump Sum Payment Type Basis)

Fort Bend Pkwy Extension  
Sienna Pkwy to FM 2759

**HRA Gray & Pape LLC.**

Task	Hours					Total Hours & Cost	Cost
	Admin	ArcGIS/Graphics	Field Archeologist	Principal Investigator	Project Manager		
Contract Rate Per Hour	\$ 60.00	\$ 65.00	\$ 65.00	\$ 80.00	\$ 135.00		
<b>PART 1</b>							
Desktop Archeological Review	1.75	6	10	6	0.25	24	\$ 1,658.75
Hours Sub-Total	1.75	6	10	6	0.25	24	
<b>Subtotal (Part 1)</b>	<b>\$105.00</b>	<b>\$390.00</b>	<b>\$650.00</b>	<b>\$480.00</b>	<b>\$33.75</b>	<b>\$1,658.75</b>	<b>\$ 1,658.75</b>
<b>PART 2</b>							
Archaeological Survey TAC Permit	0	4	0	10	1	15	\$ 1,195.00
Archaeological Survey	4	2	192	48		246	\$ 16,690.00
Reporting	24	40	16	32	4		\$ 8,180.00
Records Curation	8		8				\$ 1,000.00
Hours Sub-Total	36	46	216	90	5	261	
<b>Subtotal (Part 2)</b>	<b>\$2,160.00</b>	<b>\$2,990.00</b>	<b>\$14,040.00</b>	<b>\$7,200.00</b>	<b>\$675.00</b>	<b>\$27,065.00</b>	<b>\$ 27,065.00</b>
<b>Total Hours</b>	<b>37.75</b>	<b>52</b>	<b>226</b>	<b>96</b>	<b>5.25</b>	<b>285</b>	
Contract Rate Per Hour	\$ 60.00	\$ 65.00	\$ 65.00	\$ 80.00	\$ 135.00		
<b>Subtotal (Labor Expenses)</b>	<b>\$ 2,265.00</b>	<b>\$ 3,380.00</b>	<b>\$ 14,690.00</b>	<b>\$ 7,680.00</b>	<b>\$ 708.75</b>		<b>\$ 28,723.75</b>
<b>Direct Expenses</b>							
Item	Cost/Unit	Unit	Quantity			Cost	
Printing/Reproduction	\$ 0.55	Sheet	405			\$	222.75
Postage	\$ 75.00	Each	1			\$	75.00
Curation Fee	\$ 500.00	Each	1			\$	500.00
Vehicle	\$ 575.00	Weekly	4			\$	2,300.00
Equipment/GPS (Trimble)	\$ 70.00	Per Day	12			\$	840.00
Fuel	\$ 3.00	Gallons	100			\$	300.00
Water, field data books, marking flags and tape, PPE	\$ 15.00	Per Day	10			\$	150.00
Backhoe and Operator	\$ 1,500.00	Per Day	5.5			\$	8,250.00
<b>Subtotal (Direct Expenses)</b>						<b>\$</b>	<b>12,637.75</b>
<b>TOTAL</b>						<b>\$</b>	<b>41,361.50</b>



## ATTACHMENT C

The Contractor shall furnish certificates of insurance to the FBCTRA evidencing compliance with the insurance requirements hereof. Certificates shall indicate name of the Contractor, name of insurance company, policy number, term of coverage and limits of coverage. The Contractor 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
\$2,000,000	aggregate Products
\$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.
- e. Professional Liability insurance with limits not less than \$1,000,000 each occurrence/\$3,000,000 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 Contractor 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."