

**SUPPLEMENTAL AGREEMENT NO. 2  
TO  
ENGINEERING SERVICES AGREEMENT OF  
NOVEMBER 26, 2019  
FOR  
FORT BEND GRAND PARKWAY TOLL ROAD AUTHORITY**

This Supplemental Agreement is signed in multiple counterparts to be effective on the date approved by the Fort Bend County Commissioners Court, and modifies the ENGINEERING SERVICES AGREEMENT dated November 26, 2019 (the "Agreement") between the Fort Bend Grand Parkway Toll Road Authority, a Texas Local Government Corporation (the "Authority"), and EHRA, Inc. (the "Engineer").

The Agreement is hereby modified as follows:

1. The first sentence in Section 1 is replaced with the following sentence:

"The Engineer shall render professional services to FBGPTRA related to the Project as defined in the Scope of Services in Attachment A, Attachment A-1, and Attachment A-2."

2. Section 2.a is replaced with the following paragraphs:

"The Maximum Compensation under this Agreement is \$254,805.00. 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.

Compensation for the performance of services within the Scope of Services described in Attachment A-1 will be paid as a lump sum amount not to exceed \$9,200.00, as shown in Attachment B-1.

Compensation for the performance of services within the Scope of Services described in Attachment A-2 will be paid as a lump sum amount not to exceed \$48,085.00, as shown in Attachment B-2.

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

This Supplemental Agreement does not alter, modify, or otherwise change any part of the Agreement, except as specifically stated in this Supplemental Agreement.

Supplemental Agreement No. 2  
To Agreement of November 26, 2019

IN WITNESS WHEREOF, this Supplemental Agreement is hereby executed as follows:

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

By: Shoukat Dhannai  
Shoukat Dhannai (Sep 17, 2020 16:23 CDT)

Name: Shoukat Dhanani

Title: Board Chairman

EHRA, Inc.  
ENGINEER

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

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

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

**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.: \_\_\_\_\_

Supplemental Agreement No. 2  
To Agreement of November 26, 2019

IN WITNESS WHEREOF, this Supplemental Agreement is hereby executed as follows:

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

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

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

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

EHRA, Inc.  
ENGINEER

DocuSigned by:  
*Hasan Syed*  
By: \_\_\_\_\_  
EE8D99DBFC4A402...

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.: \_\_\_\_\_



10011 Meadowglen Lane  
Houston, Texas 77042  
EHRAinc.com | 713.784.4500  
TBPE No. F-726 | TBPLS No. 10092300

**ATTACHMENT A-2**  
**Supplemental Scope of Services**  
**Supplemental Agreement No. 2**  
**Fort Bend Grand Parkway Toll Road Authority**

Supplemental scope of services to provide an alternate design to the Peak Road bridges due to a potential conflict of existing pipeline, approximately 40 feet below grade, as follows,

1. Abutment 1 of NB Bridge – As per discussed with PMC the abutment will be extended by a minimum of 5 feet towards the Centerline of SH99 in case of an existing pipeline conflict with drilled shaft no. 1.
2. Bent 2 of SB Bridge – As discussion with PMC, bent 2 will be extended by a minimum of 7 feet towards the centerline of SH99 in case of an existing pipeline conflict with drilled shaft No. 4. This will be more economical and easier to construct while the bent will be extended beyond the edge of bridge deck which is not uncommon. Other option would be to provide a drilled shaft cap spanning over the existing pipeline. Not knowing exact location of the pipeline, it would be a guess to determine the cap length. This option is not included in this scope.

EHRA understands that the supplemental scope will be considered as an addendum to the original bridge plans in case of a conflict of bridge foundation(s) during the construction. The drilled shaft foundations that are in potential conflict should be drilled first in order to determine if the afore mentioned abutment and bent extensions are needed.

**TASK – BRIDGE**

Recreate NB and SB bridges plan sheets as follows,

1. Bridge Layout Sheet
  - a. Recreate bridge layout sheets to show alternate bent design.
2. Quantity Summary and Bearing Seat Elevations
  - a. Calculate and update quantities at abutment No. 1 of NB Bridge and at bent 2 of SB Bridge.
3. Foundation Layout
  - a. Recreate Foundation layout sheet with new drilled shaft locations at abutment 1 of NB Bridge and at bent 2 of SB Bridge.



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4. NB Bridge - Abutment Details
  - a. Analysis, design and details for abutment.
  - b. Recreate Plan and Elevation views accordingly. Additional sheet(s) may be required due to extended length of the abutment.
  
5. SB Bridge - Bent 2 Details
  - a. Analysis, design and details for bent.
  - b. Recreate Plan and Elevation views accordingly. Additional sheet(s) will be required due to extended length of the bent.

Any additional work requires prior authorization from the client in order to proceed with professional engineering services

**TASK – QUANTITY TAKE-OFFS AND SUMMARIES**

1. Update quantity take offs per alternate design.
2. Only for 95% and final
3. Summary on the bridge sheets, not separate summary

**TASK – PROJECT MANAGEMENT**

1. Management of all tasks listed in Supplemental Scope Tasks.
2. Submittals will be pdf/electronic. Paper copies of plans not required.

**TASK – GEOTECHNICAL**

1. Coordination with Geotechnical Engineer is not anticipated at this time following the afore mentioned methodology. Any change in methodology may require additional geotechnical recommendations that requires prior authorization form the Client.

**ATTACHMENT B-2  
 COMPENSATION FOR SCOPE OF SERVICES  
 FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D  
 EHRA, INC.**

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	
<b>BRIDGE DESIGN</b>										
BRIDGE LAYOUT	2		2	6	4					12
BEARING SEAT ELEV. / QUANTITY SUMMARY	2		2	6	4					12
ABUTMENT PLAN & ELEVATION	2		4	40	40					84
ABUTMENT DETAILS	1		2	12	16					30
BENT AND COLUMN DETAILS	3		12	40	60					112
SHEETS & HOURS SUBTOTAL	13	0	22	104	124	0	0	0	0	250
<b>SUBTOTAL LABOR COSTS</b>		<b>\$0.00</b>	<b>\$4,070.00</b>	<b>\$13,520.00</b>	<b>\$14,880.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$32,470.00</b>
<b>QUANTITIES</b>										
QUANTITY TAKE-OFFS AT 30% MILESTONE										0
QUANTITY SUMMARY SHEETS AT 30% MILESTONE										0
QUANTITY TAKE-OFFS AT 95% MILESTONE			2	2	4					8
QUANTITY SUMMARY SHEETS AT 95% MILESTONE										0
QUANTITY TAKE-OFFS AT FINAL MILESTONE			2	2	2					6
QUANTITY SUMMARY SHEETS AT FINAL MILESTONE										0
SHEETS & HOURS SUBTOTAL	0	0	4	4	6	0	0	0	0	14
<b>SUBTOTAL LABOR COSTS</b>		<b>\$0.00</b>	<b>\$740.00</b>	<b>\$520.00</b>	<b>\$720.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,980.00</b>
<b>MISCELLANEOUS SHEETS</b>										
INDEX SHEET	1		2	2	4					8
SHEETS & HOURS SUBTOTAL	1	0	2	2	4	0	0	0	0	8
<b>SUBTOTAL LABOR COSTS</b>		<b>\$0.00</b>	<b>\$370.00</b>	<b>\$260.00</b>	<b>\$480.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,110.00</b>
<b>SUBMITTALS</b>										
COMPILING (PRIME AND SUB SHEETS) AT 30% MILESTONE										0
PAPER AND ELECTRONIC SUBMITTAL AT 30% MILESTONE										0
COMPILING (PRIME AND SUB SHEETS) AT 95% MILESTONE	0		2	2	4					8
PAPER AND ELECTRONIC SUBMITTAL AT 95% MILESTONE	0		2	4						6
COMPILING (PRIME AND SUB SHEETS) AT FINAL MILESTONE	0		2	4	8					14
ELECTRONIC SUBMITTAL AT FINAL MILESTONE	0		4	4						8
SHEETS & HOURS SUBTOTAL	0	0	10	14	12	0	0	0	0	36
<b>SUBTOTAL LABOR COSTS</b>		<b>\$0.00</b>	<b>\$1,850.00</b>	<b>\$1,820.00</b>	<b>\$1,440.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$5,110.00</b>

**ATTACHMENT B-2**  
**COMPENSATION FOR SCOPE OF SERVICES**  
**FORT BEND GRAND PARKWAY TOLL ROAD (SH 99) - SEGMENT D**  
**EHRA, INC.**

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	
<b>PROJECT MANAGEMENT</b>										
COORDINATION WITH PMC (BGE)	0		8	8						16
MONTHLY INVOICES & PROGRESS REPORTS	0		3				6			9
PROGRESS REVIEW MEETINGS WITH SUB-CONSULTANT										0
COORDINATION MEETING WITH TOLL ROAD OFFICE (5 MEETINGS)			6	6						12
COORDINATION MEETING WITH PEEK ROAD DESIGN CONSULTANT										0
PROJECT FILE ADMINISTRATION	0		4	4			8			16
SHEETS & HOURS SUBTOTAL	0	0	21	18	0	0	14	0	0	53
<b>SUBTOTAL LABOR COSTS</b>		<b>\$0.00</b>	<b>\$3,885.00</b>	<b>\$2,340.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,190.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$7,415.00</b>
									<b>LABOR TOTAL</b>	<b>\$48,085.00</b>

# 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:**  
2020-666070

**Date Filed:**  
09/10/2020

**Date Acknowledged:**  
09/17/2020

**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.**  
Fort Bend County Toll Road Authority

**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 the Peek Rd. Bridge additional foundation design

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Palermo, Andrew	Houston, TX United States	X	
	McGregor, Preston	Houston, TX United States	X	
	Bowlin, Jared	Houston, TX United States	X	
	Syed, Aqil Hasan	Houston, TX United States	X	
	Russ, James	Houston, TX United States	X	
	Edminster, Truman	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)