

**SUPPLEMENTAL AGREEMENT NO. 1  
TO  
ENGINEERING SERVICES AGREEMENT OF  
OCTOBER 16, 2019  
FOR  
Fort Bend Grand Parkway Toll Road Authority**

This Supplemental Agreement is made and entered into on April 15, 2020, and modifies the ENGINEERING SERVICES AGREEMENT dated October 16, 2019 (the “Agreement”) between the Fort Bend Grand Parkway Toll Road Authority, a Texas Local Government Corporation (the “Authority”), and LJA Engineering, 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.”

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

“The Maximum Compensation under this Agreement is \$632,848.90. 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 \$608,196.50, 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 \$24,652.40, as shown in Attachment B-1.

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

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

IN WITNESS WHEREOF, this Supplemental Agreement is hereby executed as of the date first set forth above.

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

By:   
William D. Kee, III (Apr 19, 2020)

Name: William D. Kee, III

Title: Assistant Vice Chairman, Board of Directors

LJA Engineering, Inc.

By: 

Name: Jeff P. Collins

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

## ATTACHMENT A-1

### ADDITIONAL SERVICES TO BE PROVIDED BY THE ENGINEER

The Engineer shall provide environmental services required for the construction, for:

- SH 99 NB Exit Ramp South of W Airport
- SH 99 NB Entrance Ramp North of W Airport
- SH 99 SB Exit Ramp North of W Airport (plans prepared by others)
- SH 99 NB to SB and SB to NB U-Turns at W Airport
- SH 99 NB Aux Lane between Harlem and Mason
- SH 99 SB Aux Lane between Harlem and Mason

### ENVIRONMENTAL CLEARANCE TASKS:

- **Community Impacts Analysis (CIA)** – Complete TxDOT's CIA Technical Report Form due to the addition of frontage road (FR) segments between Harlem & Mason. Triggered by: *“Expansion of the roadway pavement by the width of one vehicle lane or more”*
- **Biological Studies** – Based on research and site reconnaissance, complete TxDOT's Species Impact Table and Tier I Assessment Form in accordance with the TPWD-TxDOT MOU and TxDOT's online *Environmental Compliance Toolkit*. Triggered by proposed frontage road and ramp work on currently vegetated land.
- **Surface Water Analysis** – Complete a Surface Water Analysis Form due to presence of Oyster Creek to the south and two ditches within the project area connecting to it.
- **Hazmat Initial Site Assessment (ISA)** – Triggered by the 6' deep culvert impacts, conduct a Hazardous Materials ISA (including regulatory database review, site reconnaissance) to determine the presence or likely presence of any hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into the ground, groundwater, or surface water of the property.
- **Traffic Noise Technical Report (TNTR)** – Conduct noise modeling due to the addition of auxiliary lanes between Harlem & Mason ('added capacity' and moving traffic closer to receivers (residences)). BOA will Determine the noise impacts and, if necessary, evaluate potential abatement measures (e.g., noise barriers). A noise workshop is not included in this scope.
- **Historic Resources Project Coordination Request (PCR)** – Since the project includes actions that are not Appendix 3 actions (<http://ftp.dot.state.tx.us/pub/txdot-info/env/toolkit/400-02-gui.pdf>), the project

automatically requires a PCR. By subcontract, Gray & Pape will conduct a desktop review for above-ground historic resources on all property located within the existing ROW, defined as the architectural age APE. Historic-age resources will be denied as having been constructed 45 years before the project letting date or earlier.

## Fee Schedule

TASK DESCRIPTION													
TASK 1 - PROJECT MANAGEMENT	OFFICER/ PRINCIPAL SUPERVISOR	SR ASSOCIATE	PROJECT MGR / M.A. SPECIALIST	PROJECT COORD	PROFESSIONAL GEOLOGIST	HEALTH SAFETY / PCR CHEMIST	WETLANDS BIOLOGIST / ECOLOGIST	SOIL SCIENTIST	SR GIS / CAD ANALYST	ADMIN / WORD PROCESSOR	SUB-CONSULTANTS	DIRECT EXPENSES	COST PER TASK
Project Management / Scoping		6	2	4								\$118,40	\$2,058,40
TASK 2 - ENVIRONMENTAL SETTING & EVALUATION													
Community Impacts Assessment		2		8					2				\$1,620,00
Biological and Natural Resource Impact Assessment		2		10			4		6			\$2,840,00	
Surface Water Analysis		1		4					1			\$810,00	\$0,00
Wetland Due Diligence Survey													\$3,325,00
Hazardous Materials Initial Site Assessment		2	16		1				10	1		\$10,980,00	\$0,00
Traffic Noise Analysis		2	56										\$0,00
Air Quality Analysis													\$0,00
Preparation of Agency Coordination Letters													\$0,00
Historic Resources PCR		1		2							\$1,300,00		\$1,740,00
MAPO Assistance													\$0,00
												\$1,275,00	\$22,594,00
TASKS 1 + 2 SUB-TOTAL: \$24,652,40													
HOURS SUB-TOTALS													
LABOR RATE PER HOUR	0	16	74	28	1	0	4	0	19	1			
SUBTOTAL	\$225,00	\$160,00	\$170,00	\$130,00	\$180,00	\$160,00	\$130,00	\$130,00	\$110,00	\$65,00			
	\$0,00	\$2,580,00	\$12,590,00	\$3,640,00	\$180,00	\$0,00	\$920,00	\$0,00	\$2,090,00	\$55,00			

[illegible]

Summary - Project Services		Cost
	Project Management - Task 1	\$2,058.40
	Envl Selling & Evaluation - Task 2	\$22,594.00
Grand Total		\$24,652.40