

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

**SECOND AMENDMENT TO AGREEMENT FOR
PROFESSIONAL ENGINEERING SERVICES**

THIS SECOND AMENDMENT, is made and entered into by and between Fort Bend County (hereinafter “County”), a body corporate and politic under the laws of the State of Texas, and BGE, Inc. (hereinafter “Contractor”), a company authorized to conduct business in the State of Texas.

WHEREAS, the parties executed and accepted that certain Agreement for Professional Engineering Services on June 4, 2019 pursuant to SOQ 14-025, (hereinafter “Agreement”), as amended by document executed on July 28, 2020, (hereinafter “Amendment”); and

WHEREAS, the parties desire to further amend the Agreement to allow Contractor to provide additional Services under the Agreement.

NOW, THEREFORE, the parties do mutually agree as follows:

1. County shall pay Contractor an additional amount not to exceed twenty-six thousand nine hundred eighty dollars and 60/100 (\$26,980.60) to perform the additional Services, as described in Contractor’s proposal dated December 6, 2021 attached hereto as Exhibit “A” and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for all Services rendered is hereby increased to an amount not to exceed three hundred six thousand two hundred eighty-seven dollars and 63/100 (\$306,287.63), authorized as follows:

\$236,957.85 under the Agreement;
\$42,349.18 under the Amendment; and
\$26,980.60 under this Second Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement and any subsequently executed amendment exceed the Maximum Compensation without further agreement executed by the parties.
4. BY ACCEPTANCE OF AGREEMENT, CONTRACTOR ACKNOWLEDGES THAT THE COUNTY IS OPPOSED TO HUMAN TRAFFICKING AND THAT NO COUNTY FUNDS WILL BE USED IN SUPPORT OF SERVICES OR ACTIVITIES THAT VIOLATE HUMAN TRAFFICKING LAWS.

Except as provided herein, all terms and conditions of the Agreement and any subsequently executed amendment shall remain unchanged.

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 date signed by the final party.

FORT BEND COUNTY

BGE, INC

KP George, County Judge

Authorized Agent – Signature

Jason P. Ellison, P.E.

Date

Authorized Agent – Printed Name

ATTEST:

Roadway Group Manager

Title

1/7/2022

Laura Richard, County Clerk

Date

APPROVED:

J. Stacy Slawinski, P.E., County Engineer

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$_____ to accomplish and pay the obligation of Fort Bend County under this contract.

Robert Ed Sturdivant, County Auditor

EXHIBIT A



Date: December 6, 2021

Robert W. Barnett, P.E.
C/O Fort Bend County Engineering
LJA Engineering, Inc.
2929 Briarpark Drive Suite 600
Houston, TX

Reference: FBC 17404 & 17413 - Intersection Improvements (Voss Rd at Old Richmond Rd.
and Voss Rd. at SH 6)
Fort Bend County 2017 Mobility Bond Program

Subject: Contract Amendment to PO 178703
Supplemental Agreement No. 2 for Final Design Phase Services

Dear Mr. Barnett,

Enclosed are BGE, Inc.'s proposed scope, budget, manpower and direct expense breakdown for additional Final Design Services for the above referenced project which will include:

- Additional storm sewer survey at Old Richmond Rd.
- Revise storm sewer design at Old Richmond Rd. to accommodate additional survey.

BGE, Inc.'s proposed budget for the referenced project includes:

Phase 1 – None

Phase 2 – Final Design Services (Lump Sum Payment Basis) \$26,980.60

Phase 3 – None

Total Proposed Fee **\$26,980.60**

A detailed scope of services and level of effort are attached. Please contact me if you have any questions or require additional information.

Sincerely,

A handwritten signature in blue ink that reads "Jason O. Ellison".

Jason Ellison, P.E.
Roadway Group Manager

**2017 Mobility Bond Program
Scope of Services
(BGE, Inc.)
Supplemental Agreement No. 2**

Scope of Work – the project generally includes roadway and intersection reconstruction, turn lane construction, signal modification or construction, drainage improvements, signing, striping, and SWPPP for the following project locations:

1. **Project 4-04 (Voss Rd. at SH 6):** Proposed right turn lane and existing signal modification at the intersection of Voss Rd. at SH 6. Construct right turn lane from eastbound Voss Rd. to southbound SH 6. ROW acquisition is anticipated.
2. **Project 4-13 (Voss Rd at Old Richmond Rd):** Proposed 2-lane roundabout at the intersection of Voss Rd & Old Richmond Rd. Rework roadway connection at each end of the roundabout.

Scope of Services – the Engineer (Design Consultant) shall perform supplemental design phase services according to the following detailed scope.

Project 4-13 – perform additional design phase survey to recover an existing manhole and modified alignment for an existing storm sewer trunk that was discovered on as-built plans provided by Fort Bend County. Revise the proposed storm sewer calculations, design, plans and update the bid package to incorporate the new storm sewer elements.

FINAL DESIGN

Survey

Perform field work and survey to recover an existing storm sewer manhole and modified alignment for an existing storm sewer trunk that was found on as-builts within the intersection of Old Richmond Rd. and Voss Rd.

Drainage Design

Drainage and Storm Sewer Designs – prepare updated drainage areas, hydrologic computations, storm sewer hydraulic computations, for revised storm sewers at Project 4-13: Voss Rd & Old Richmond Rd.

Drainage Design Deliverables – update the following:

- Hydraulic Computations
- Storm Sewer Models
- Drainage Plans

**2017 Mobility Bond Program
Scope of Services
(BGE, Inc.)
Supplemental Agreement No. 2**

Roadway Design

Project 4-13 (Voss Rd at Old Richmond Rd.) – update roadway and TCP plans to reflect modified storm sewer design elements. Update quantity calculations, the cost estimate, and the bid package.

Roadway Design Deliverables – update the following:

- Roadway Plans
- TCP Plans
- Quantities and Cost Estimate
- Bid Package

EXCLUSIONS

Additional services not listed within this agreement.

FEE SCHEDULE
(LUMP SUM AND TIME & MATERIALS PAYMENT BASIS)

Fort Bend County 2017 Mobility Bond Program
Intersection Improvements (Voss Rd & Old Richmond Rd)

Project No. 4-13

PRIME PROVIDER: BGE, Inc.

SUMMARY OF SCOPE - Engineering

PRIME PROVIDER: BGE, Inc.

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	RPLS - TASK LEADER	PROJECT ENGINEER	DESIGN ENGINEER	ENGINEER IN TRAINING	SENIOR CADD OPERATOR	CADD OPERATOR	ADMIN/ CLERICAL	FIELD CREW	TOTAL HRS. & COSTS	COST PER TASK	NO OF SHTS	HRS PER SHT
CONTRACT RATE PER HOUR	\$ 192.00	\$ 160.00	\$ 155.00	\$ 144.00	\$ 128.00	\$ 108.80	\$ 102.40	\$ 80.00	\$ 73.60	\$ 160.00				
Storm Sewer Changes (Project 4-13)														
Survey Update			1	1			4							
Drainage Area Maps		1		1	2	4	2					\$ 1,348.60	1	10
Hydraulic Computations				1	8	16						\$ 2,908.80	1	25
Storm Sewer / SWPPP Layouts	1			1	12	20	8	8				\$ 3,507.20	3	17
Lateral Details				1	6	8	4	2				\$ 2,352.00	1	21
TCP	1			4	8	16						\$ 3,532.80	4	7
Roadway P&Ps	1			2	4							\$ 1,862.40	4	4
Cost Estimate & Quantities		1		4								\$ 3,577.60		
QA/QC	8	8			12	12			2			\$ 3,283.20		
Project Management / Coordination	4	4										\$ 1,408.00		
HOURS SUB-TOTALS	15	14	1	15	52	84	18	10	2	6	217		14	
SUBTOTAL	\$2,880.00	\$2,240.00	\$155.00	\$2,160.00	\$6,656.00	\$9,139.20	\$1,843.20	\$800.00	\$147.20	\$960.00	\$26,980.60	\$26,980.60		
TOTAL HOURS	15	14	1	15	52	84	18	10	2	6	217			
CONTRACT RATE PER HOUR	\$ 192.00	\$ 160.00	\$ 155.00	\$ 144.00	\$ 128.00	\$ 108.80	\$ 102.40	\$ 80.00	\$ 73.60	\$ 160.00				
SUBTOTAL LABOR EXPENSES	\$ 2,880.00	\$ 2,240.00	\$ 155.00	\$ 2,160.00	\$ 6,656.00	\$ 9,139.20	\$ 1,843.20	\$ 800.00	\$ 147.20	\$ 960.00				
TOTAL											\$26,980.60			