

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

**AMENDMENT TO AGREEMENT FOR
PROFESSIONAL ENGINEERING SERVICES**

THIS 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 FCM Engineers, PC, (hereinafter "Consultant"), 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 October 12, 2021 pursuant to SOQ 14-025, (hereinafter "Agreement"); and

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

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

1. County shall pay Consultant an additional amount not to exceed twenty-one thousand eight hundred twenty-two dollars and no/100 (\$21,822.00) to perform the additional Services, as described in Consultant's proposal dated November 10, 2021 attached hereto as Exhibit "A" and incorporated herein for all purposes.
2. The Maximum Compensation payable to Consultant for all Services rendered is hereby increased to an amount not to exceed three hundred sixty-six thousand eight hundred three dollars and no/100 (\$366,803.00), authorized as follows:

\$344,981.00 under the Agreement; and
\$21,822.00 under this Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement and this Amendment exceed the Maximum Compensation without an agreement executed by the parties.
4. BY ACCEPTANCE OF AGREEMENT, CONSULTANT 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 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

FCM ENGINEERS, PC

KP George, County Judge

Authorized Agent – Signature

Date

Authorized Agent – Printed Name

ATTEST:

PRESIDENT
Title

Laura Richard, County Clerk

Date

APPROVED:

J. Slacy 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



3300 S. Gessner Rd.
Suite 249
Houston, Texas 77063
T-713-706-4414
F-713-706-4410

November 10, 2021

Mr. Stacy Slawinsky, P.E.
Attn: Mr. Gabriel Odreman, P.E., PMP
Project Manager - RPS/North America
575 N. Dairy Ashford, Suite 700
Houston, Texas 77079

Re: Fort Bend County 2020 Mobility Bond Program
Blueridge Road Widening from Rockergate Drive to South of McHard Road
Project No 20205

Subject: Additional Fee Proposal

Dear Mr. Odreman:

Attached is additional fee proposal in the amount of \$21,822.00 due to change in scope of work. The scope of work changed from asphalt roadway to concrete roadway with the following additions:

Additional Scope and Deliverables

Scope of Services:

The followings are the additional services associated with change in scope of work:

- 1) Replace asphalt pavement with concrete pavement
- 2) Provide in road bike path on both sides of the road way
- 3) Add roadway shoulder on the west side of Blueridge Road
- 4) Add street lights along the entire roadway limit

The item No.1 through 6 in fee proposal attached deal with additional services associated with roadway design based on change from asphalt to concrete pavement, bike path on both sides of the roadway and roadway shoulder on the west side of Blueridge Road. The work of these changes will be included in proposed preliminary design, final design and construction phase services.

The scope of services for street lighting is to provide lighting sealed plans for permit and construction:

- 1) Provide lighting for the proposed roadway
- 2) Provide voltage drop calculations
- 3) Determine location(s) of existing tie-in lighting circuits for new street lights provide unspecified coordination with CNP Company
- 4) Layout unspecified electrical schematic sheets. (Assume as required to meet Ft. Bend County requirements).
- 5) Verify that that sufficient lighting is provided. (Assume meet Ft. Bend County lighting requirements).
- 6) Coordinate with County program manager to identify poles preferred.
- 7) Perform site visit (s) and prepare scaled, permit documents suitable for Ft. Bend County Texas permit and construction.
- 8) Perform lighting calculations so that fixtures can be located on the site in such a way to provide a uniform light level in the area that will be acceptable to the county without undue glare or reflection.
- 9) Perform load calculations and prepare a panel schedule for Ft. Bend County permit.
- 10) Provide interim meetings at the site as may mutually be agreed upon to discuss options and specific details of construction
- 11) Provide sealed drawings for permit and construction.
- 12) Provide shop drawing reviews as required.

Deliverable:

Deliverable will be in terms of providing a complete sign and sealed construction documents consisting of Plans, Specifications and Cost Estimates.

We look forward to working and completing this very important Fort Bend County project. If you have any questions, please let me know.

Yours Sincerely,
FCM Engineers, PC



Dr. Frank C. Mbachu, P.E., DEE
President

FCM/mh
cc: FCM file #2021061

FCM Engineers, PC
 3300 S. Gessner Rd. Suite 249
 Houston, Texas 77063

Fort Bend County 2020 Mobility Bond Program
 Blueridge Road Widening from Rockergate Drive to S. McHard Rd.
 Project No. 20205
 Additional Phases I and II Design Fee Proposal

Item No.	Task Description	Estimated Man-hours	Principal	Sr. Project Manager	Electrical Engineer	Sr. Project Engineer	Project Engineer	Cadd Technician
1	Establish a Typical Cross Section in Preliminary Design Phase	11	1	2	0	2	2	4
2	Determine ROW Acquisition Needs in Preliminary Design Phase	11	1	2	0	2	2	4
3	Quantities in Final Design Phase	6	0	2	0	2	2	0
4	Typical Sections in Final Design Phase	10	0	2	0	2	2	4
5	Standard Details	8	0	0	0	0	4	4
6	Pole Lights Layout - Pole height and fixture type/wattage	26	0	2	8	2	2	12
7	Photometric Lighting Study/Calculations to meet Fort Bend requirements	14	0	2	8	2	2	0
8	Lighting Circuit Design & Analysis-Wire size & overcurrent protection	4	0	0	4	0	0	0
9	Voltage Drop Calculations	4	0	0	4	0	0	0
10	Determine locations of existing tie-in lighting circuits for street lights	6	0	2	4	0	0	0
11	Coordinate with County program manager to identify preferred poles	6	0	2	4	0	0	0
12	Performed site visit	8	0	4	4	0	0	0
13	Coordinate with CNP and Fort Bend PM	8	0	4	4	0	0	0
14	Construction cost estimate for roadway lighting	4	0	0	4	0	0	0

Design Total Hours	126	2	24	44	12	16	28
LABOR COST		\$240.00	\$195.00	\$180.00	\$180.00	\$165.00	\$84.00
TOTAL LABOR COST (Total Hrs x Labor)	\$20,232.00	\$480.00	\$4,680.00	\$7,920.00	\$2,160.00	\$2,640.00	\$2,352.00

14	Project Management	4	2	2	0	0	0	0
15	Construction Phase services for electrical	4	0	0	4	0	0	0

Administrative Total Hours	8	2	2	4	0	0	0
LABOR COST		\$240.00	\$195.00	\$180.00	\$180.00	\$165.00	\$84.00
TOTAL LABOR COST (Total Hrs x Labor)	\$1,590.00	\$480.00	\$390.00	\$720.00	\$0.00	\$0.00	\$0.00

TOTAL HOURS	134	4	26	48	12	16	28
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ADDITIONAL DESIGN FEE \$21,822.00