

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 SES Horizon Consulting Engineers, 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 26, 2018, (hereinafter “Agreement”) pursuant to SOQ 14-025, as amended by document dated May 28, 2019, (hereinafter “Amendment”); and

WHEREAS, the parties desire to further amend the Agreement for additional services to be provided and increase the total Maximum Compensation under the Agreement for the completion of such additional services.

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

1. County shall pay Contractor an additional thirteen thousand eight hundred twenty-four dollars and no/100 (\$13,824.00), for the services as described in Contractor’s Supplemental Fee Proposal dated December 10, 2019, attached hereto as Exhibit “A” and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for Services rendered is hereby increased to an amount not to exceed three hundred six thousand nine hundred nineteen dollars and 84/100 (\$306,919.84), authorized as follows:

\$253,323.41 under the Agreement;
\$39,772.43 under the Amendment; and
\$13,824.00 under this Second Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement, the Amendment and this Second Amendment exceed the Maximum Compensation without written agreement executed by both 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 the Amendment shall remain unchanged.

FORT BEND COUNTY

SES HORIZON CONSULTING ENGINEERS, INC

KP George, County Judge

EME. Salazar, Jr., P.E.
Authorized Agent – Signature

Date

Epifanio E. Salazar, Jr., P.E.

Authorized Agent – Printed Name

ATTEST:

Principal

Title

02-07-2020

Date

Laura Richard, County Clerk

APPROVED:

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

APPROVED AS TO LEGAL FORM:

Marcus D. Spencer, First Assistant County Attorney

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

I:\Marcus\Agreements\Engineering\Road Construction\Mason Road\17405\Amend 2 - Pro Eng Svcs.Mason.SES.docx.2/3/2020.17-Eng-500017-A2

Second Amendment to Agreement for Professional Engineering Services

2017 Mobility Bond Program – Project No. 17405

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EXHIBIT A



December 10, 2019

Fort Bend County Engineering Department
C/O Mr. Robert W. Barnett, P.E.
LJA Engineering
2929 Briarpark Drive, Suite 600
Houston, Texas 77042

Reference Project:
2017 Fort Bend County (FBC) Mobility Program
Mason Road
From: North Limit Of Fieldstone Subdivision To Beechnut Street
Fort Bend Project No. 17-405

Dear Mr. Barnett:

SES Horizon Consulting Engineers, Inc. (SES) respectfully submits this supplemental fee proposal for the above referenced project to include professional engineering services for the preparation of the subject project construction documents. The project scope includes a new boulevard type roadway construction (100 foot right of way to include two – two lane travel ways, left turn bays and a closed storm sewer system) on Mason Road between the North Limit Of Fieldstone Subdivision To Beechnut Street. The approximate length of the project is 2000 linear feet with an estimated construction cost of \$2,000,000.00 as provided by Fort Bend County.

This supplemental fee proposal is to address design directives from Fort Bend County and LJA Engineering for changes related to revised drainage areas, the related drainage calculations, and revised signing/pavement markings that have changed since the original fee proposal was made and the subsequent notice to proceed for the subject project.

The project will be prepared in accordance with the following documents provided by the Program Manager:

Attachment A – 2017 Mobility Bond Program Summary Of Design Process
Attachment B – Mobility Design Standards

The proposal assumes that any changes to the design concepts will be provided during the Final Engineering Phase (100% Submittal). Changes to the design concepts requested after the Final Engineering Phase (100% Submittal) may result in additional services. An estimate of additional services will be provided upon request.

Reference Project:

2017 Fort Bend County Mobility Program

Mason Road

From: North Limit Of Fieldstone Subdivision To Beechnut Street

Fort Bend Project No. 17-405

December 10, 2019

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Compensation:

SES proposes to perform the services described in Attachments A and B for the fees indicated below.

Basic Services

Final Plans Phase:

Preparation Of PS&E	\$13,824.00
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Subtotal Basic Services	\$13,824.00
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Bid Phase And Construction Phase Services	\$0.00
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Additional Services:

Not Applicable	\$0.00
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Total Additional Services	\$0.00
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Total Fee This Proposal	\$13,824.00
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Previous Total Authorized Fee	\$293,095.84
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Total Proposed Fee Including This Fee Proposal	\$306,919.84
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Exclusions:

1. Environmental services, including but not limited to, preliminary wetlands investigations and Phase I Environmental Site Assessment
2. Fault Studies
3. Traffic Impact Study or collection of Traffic Count Data
4. Traffic Signal Design.
5. Subsurface utility exploration to determine exact locations and depths. Utility coordination is included in our fee proposal and utility locations will be determined and be based on 811 call, record drawings, and communication with utility companies.
6. Utility company signatures on completed drawings.
7. Construction Staking.
8. Material testing during construction.
9. Construction inspection services.
10. Construction management services, including processing of pay applications, change orders, etc..

Please review and advise if you require any additional information and/or clarifications. We look forward to providing this service to **FBC**.

Reference Project:

2017 Fort Bend County Mobility Program

Mason Road

From: North Limit Of Fieldstone Subdivision To Beechnut Street

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Sincerely,

SES HORIZON CONSULTING ENGINEERS, INC.

TBPE Firm Registration Number 3922

A handwritten signature in blue ink that reads "Epi E. Salazar Jr. P.E.".

Epifanio (Epi) E. Salazar Jr., P.E., Principal

Fort Bend County 2017 Mobility Bond Program Fee Estimate Worksheet

Project : Mason Road From North Limit Of Fieldstone Subdivision To Beechnut Street

TASK DESCRIPTION	PRINCIPAL	PROJECT COORDINATOR	STRUCTURAL ENGINEER	SENIOR ENGINEER	ENGINEER	ENGINEERING TECHNICIAN	TECHNICIAN	ADMINISTRATION	TOTAL HOURS	Task Total
1. Preliminary Design (LS)										\$ -
Establish a Typical Cross Section					0	0			0	\$ -
Determine ROW Acquisition Needs					0	0			0	\$ -
Determine Potential Conflicts with existing facilities & utilities					0				0	\$ -
Identify Critical Path Items					0				0	\$ -
Identify Problem Areas and Potential Resolutions					0				0	\$ -
Site Visit					0	0			0	\$ -
Prepare a Construction Cost Estimate					0				0	\$ -
Prepare 30% Plans (Roadway, Drainage And Water Line)					0	0			0	\$ -
Utility Coordination					0	0			0	\$ -
Topographic Survey					0				0	\$ -
Control & Monumentation - Prepare Survey Control Map					0	0			0	\$ -
Right-of-way Parcel Exhibits (\$ per parcel)									0	\$ -
Geotechnical Investigation									0	\$ -
Survey And Geotechnical Coordination									0	\$ -
Project Management & Meetings	0								0	\$ -
Project Management & Meetings With LID, MUD And Adjacent FBC Mobility Project	0								0	\$ -
Preliminary Phase Expenses										\$ -
										\$ 13,824.00
2. Final Design (LS)										\$ -
Cover Sheet & Index					0	0			0	\$ -
General Notes					0	0			0	\$ -
Quantities (Summary Sheets - Optional)					0				0	\$ -
Typical Sections (70%-Final)					0	0			0	\$ -
Project Layout					2	2			4	\$ 420.00
Drainage Area Maps					6	6			12	\$ 1,260.00
Drainage Calculations					16	4			20	\$ 2,400.00
Plan and Profile Sheets (Roadway And Drainage)					20	16			36	\$ 3,880.00
Plan and Profile Sheets (Water Line)					0	0			0	\$ -
Intersection Layouts or Cross Street Details					0				0	\$ -
TCP Advance Warning Signs					0	0			0	\$ -
TCP Overview & Narrative					0	0			0	\$ -
Detour Plans (with County Approval only)					0	0			0	\$ -
Traffic Control Plan					0	0			0	\$ -
Temporary Traffic Signal Plans					0	0			0	\$ -
SNPPP Sheets					0	0			0	\$ -
Culvert/Bridge Layouts					0	0			0	\$ -
Culvert/Bridge Detail Sheets					0	0			0	\$ -
Design Calculations									0	\$ -
Signing & Pavement Markings					4	4			8	\$ 840.00
Traffic Signal & Warrant Study									0	\$ -
Detail Sheets					0	0			0	\$ -
Standard Details					0				0	\$ -
Technical Specifications					0				0	\$ -
Bid Form					4				4	\$ 520.00
Construction Cost Estimate					4	4			8	\$ 840.00
Utility & Agency Approvals & Signatures					0	0			0	\$ -
Cross Sections with earthwork calculations					0	0			0	\$ -
Responses to Comments					4	4			8	\$ 840.00
Project Management & Meetings	6								6	\$ 1,212.00
Project Management & Meetings With LID, MUD And Adjacent FBC Mobility Project	6								6	\$ 1,212.00
Final Design Phase Expenses										\$ 408.00
3. Bid & Construction Phase Services (T&M)										\$ -
Project Manual & Plans (PDF Format on Compact Disc * 26)		0			0	0		0	0	\$ -
Attend Pre-Bid Meetings		0			0			0	0	\$ -
Answer Bidder Questions & Addendum					0			0	0	\$ -
Attend Pre-Construction Meeting		0			0			0	0	\$ -
Review Contractor Submittals					0	0		0	0	\$ -
Answering Requests for Information					0			0	0	\$ -
Substantial Completion Walkthrough					0	0		0	0	\$ -
Record Drawings					0	0		0	0	\$ -
Bid & Construction Phase Expenses										\$ -
MANHOUR SUBTOTAL	12	0	0	0	60	40	0	0	112	
LABOR RATE PER HOUR	11%	0%	0%	0%	54%	36%	0%	0%		
	\$202.00	\$150.00	\$144.00	\$135.00	\$130.00	\$80.00	\$58.00	\$50.00		
SUBTOTAL LABOR	\$2,424.00	\$0.00	\$0.00	\$0.00	\$7,800.00	\$3,200.00	\$0.00	\$0.00		
TOTAL										\$ 13,824.00