

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

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

THIS SIXTH 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 Amani Engineering, 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 October 6, 2015, (hereinafter “Agreement”) pursuant to SOQ 14-025, as amended by documents dated April 26, 2016 (hereinafter “Amendment”), September 6, 2016 (hereinafter “Second Amendment”), November 27, 2018, (hereinafter “Third Amendment”), and June 8, 2021 (hereinafter “Fourth Amendment”) March 22, 2022 (hereinafter “Fifth Amendment”); and

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

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

1. County shall pay Contractor an additional one hundred seven thousand five hundred sixty-six dollars and 25/100 (\$107,566.25) to perform the additional engineering and surveying services as described in Contractor’s Fee Proposal dated March 27, 2023 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 eight hundred seven thousand forty dollars and 75/100 (\$807,040.75), for the entire contract amount; authorized as follows:
 - \$425,286.00 under the Agreement;
 - \$36,555.00 under the Amendment;
 - \$75,240.00 under the Second Amendment;
 - \$56,984.00 under the Third Amendment;
 - \$70,749.50 under the Fourth Amendment;
 - \$34,660.00 under the Fifth Amendment; and
 - \$107,566.25 under this Sixth Amendment

3. In no case shall the amount paid by County for all Services under the Agreement and any subsequent amendment exceed the Maximum Compensation without an 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 the subsequent amendments shall remain unchanged.

FORT BEND COUNTY

AMANI ENGINEERING, INC.

 KP George, County Judge



 Authorized Agent – Signature

 Date

H. Prasad Kolluru, P.E.

 Authorized Agent – Printed Name

ATTEST:

 President

 Title

 Laura Richard, County Clerk

05/09/2023

 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

I:\AGREEMENTS\2023 Agreements\Engineering\Road Construction\Amani - Regarding South Post Oak (16-ENG-500021)\Amend 6 - S Post Oak.Amani.docx kns

EXHIBIT A



Amani Engineering, Inc.

• Engineers • Surveyors • Construction Managers

March 27, 2023

Mr. Robert T. McBride, P.E.
Senior Project Manager
LJA Engineering, Inc.
3600 W Sam Houston Parkway S, Suite #600
Houston, TX 77042

Re: Fee Proposal for Additional Engineering Services – Revision 1
Left Turn Lane at S. Post Oak-W. Sycamore, Drainage Modifications and Traffic Signal
Modifications at S. Post Ok-Trammel Fresno
South Post Oak Boulevard from Hunter Green Lane to Trammel Fresno Road
FBC Project No.: 13112

Dear Mr. McBride,

Reference is made to e-mail dated January 11, 2023 and subsequent TEAMS conversation on January 19, 2023, wherein we discussed the County's desire to modify/revise the drainage design along South Post Oak, south of West Sycamore, adding a left turn lane, and modifications to the traffic signal at the intersection of South Post Oak and Trammel Fresno. Amani is pleased to provide this fee proposal for these additional engineering services for the referenced project. The scope of work, exclusions, deliverables, schedule and proposed fee is as follows:

Scope of Work

- Revise drainage design south of West Sycamore to discharge into the storm system along West Sycamore begin designed by others and eliminate the proposed detention pond at the southwest corner.
- Add a left turn lane for a proposed park at the southwest corner of South Post Oak and West Sycamore intersection.
- Revise the intersection design to include West Sycamore ultimate configuration at South Post Oak.
- Modifications of the existing traffic signal at the intersection of South Post Oak and Trammel Fresno to eliminate conflicts with proposed roadway improvements.
- Update topographic survey at the intersection of South Post Oak and Trammel Fresno.
- Update utilities information for the entire project limits.
- Revise typical sections, details, TCP and SWPPP as required based on the design changes.
- Update proposed bid quantities and engineer's estimate of probable construction cost.

Exclusions

- All work not referenced in the above Scope of Work section.

Deliverables

- Updated plan & profile drawings and detail sheets required to adequately present the revised pavement and water line relocation design.
- Updated bid quantities and estimate of probable construction cost.

Mr. Robert T. McBride, P.E.
Fort Bend Mobility Bond Project Number 13112
Fee proposal for Additional Engineering Services – Drainage Modifications, LTL & Traffic Signal –
Rev 1
March 27, 2023
Page 2 of 2

Schedule

- Deliverables for review will be submitted within twelve (12) weeks from the date of written authorization to proceed.
- Final drawings and documents will be submitted within four (4) weeks following receipt of all final review comments.

Fee

We propose a lump sum fee of \$86,000.00 for engineering services and \$21,566.25 for topographic survey updates. See enclosed level of effort for details.

We appreciate the opportunity to work on this project. If you have questions or need additional information, Please call me at x109.

Yours sincerely,
For Amani Engineering



Mahesh Dutta, P.E., CFM
Executive Vice President

TBPE Firm Reg. No. F-4528
TBPLS Firm Reg. No. 100282-00

HPK: dlb: md

Enclosure: 1) Level of Effort Estimate
2) CivilCorp's Fee Proposal for topographic survey update

**South Post Oak Road from Hunter Green to Trammel Fresno
 FBC Project No. 13112; Amani Project No. E151012
 LEVEL OF EFFORT ESTIMATE - REVISION 1
 LEFT TURN LANE, DRAINAGE MODIFICATIONS AND TRAFFIC SIGNAL**

Client: Fort Bend County

02/24/23

Basic Services Task		Staff Category	Principal Engineer	Project Manager	Senior Civil Engineer	Project Engineer	Graduate Engineer	CADD Technician	Clerical Staff	Subtotal Manhours per Task	Subtotal Labor Cost per Task
No.	Description	Rate	\$ 250.00	\$ 210.00	\$ 175.00	\$ 150.00	\$ 120.00	\$ 100.00	\$ 95.00		
Engineering (Lump Sum)											
1	Revise drainage design, south of W. Sycamore			2	4	12	16	24		58	\$ 7,240.00
2	Add a Left Turn Lane and revise the intersection to include W. Sycamore ultimate configuration			4	8	16	16	24		68	\$ 8,960.00
3	Modify existing traffic signal at S. Post Oak and Trammel Fresno Intersection			16	24	32	24	40		136	\$ 19,240.00
4	Coordinate with adjacent projects and utilities			24	8	8	16			56	\$ 9,560.00
5	Update plans with latest utilities information			2	4	8	16	40		70	\$ 8,240.00
6	Update SWPPP for the above revisions			2	8	8		16		34	\$ 4,620.00
7	Prepare TCP and Construction Phasing for West Sycamore ultimate configuration			4	8	16	24	40		92	\$ 11,520.00
8	Prepare pavement markings and striping plan for West Sycamore and Trammel Fresno intersections			2	4	8	12	24		50	\$ 6,160.00
9	Update quantities, cost estimate and bid sheet			4		16	8			28	\$ 4,200.00
10	Project Management and QA/QC			8	24				4	36	\$ 6,260.00
	Subtotal Engineering Services		0	68	92	124	132	208	4	628	\$ 86,000.00
Topographic Survey											
	Survey South Post Oak and Trammel Fresno intersection, update private and public utilities for the entire project limits										\$ 19,566.25
	Survey Management, Coordination and QA/QC			2		2	4	8		16	\$ 2,000.00
	Subtotal Surveying Services										\$ 21,566.25

February 8, 2023

Amani Engineering, Inc.
8303 SW FWY, Suite 600
Houston, TX 77074
Attn: Mahesh Dutta, P.E., CFM

Re: Fee Proposal for supplemental Surveying Services – S. Post Oak Blvd. From Hunter Green Road to Trammel-Fresno Road – Fort Bend County Project No. 13112, Fort Bend County, Texas

CivilCorp, LLC is pleased to submit this fee proposal for surveying services for the above referenced project. Survey shall conform to Fort Bend County Engineering Design Manual, August 2020 edition. We propose the following scope of work, deliverables, schedule, fee and exclusions for our services.

I. SCOPE OF WORK

TOPOGRAPHIC SURVEY

The topographic survey shall be at the intersection of Trammel Fresno Road and South Post Oak Boulevard, extending 200' East and West along Trammel Fresno, and 200' South and 50' North along South Post Oak Boulevard. The topographic survey will be within the existing right-of-way. The survey is to include edge of pavements, driveways, signs, mailboxes, traffic signals, sidewalks, pavements markings, etc. Pavement material types will be indicated as determined on the surface. Cross sections of the project area will be taken at intervals not to exceed 100 feet. All data will be added to the existing topographic file.

Digital Terrain Model

The existing three dimensional surface model or DTM will be updated with relevant cross section and point data obtained in the topographic survey.

RIGHT-OF-WAY VERIFICATION

The existing right-of-way at Trammel Fresno and South Post Oak Boulevard shall be reviewed to determine if any changes to the right-of-way have occurred since the previous survey. Any updates shall be made to the existing right-of-way file.

UTILITY FILE UPDATE

CivilCorp will place a Texas 811 one call for the project limits. All above ground utilities, marked underground utilities will be tied and downhole information of manholes will be obtained to supplement the previous survey performed. This scope does not include any SUE level A-D or marking underground utilities by CivilCorp.

II. FEE

The estimated fee for the above mentioned Scope of Work for lump sum payment is **\$ 19,566.25**

Deliverables

1. Copy of ASCII Points in .txt format
2. All updated CAD files including DTM in AutoCAD format

Schedule

Deliverables will be sent within 8 weeks once notice to proceed is given.

Exclusions

1. Resetting disturbed or missing iron rods from previous survey
2. Subsurface utility engineering and locating
3. Right of Entry agreements
4. Extra work that is not included in our Scope of Work.

If you have any questions or require additional information, please don't hesitate to call me. We are looking forward to working with you on this project.

Very truly yours,

CivilCorp, LLC

Amani Engineering, Inc.

Brandon Absher, RPLS
Survey Manager

By: _____
Title: _____
Date: _____

EXHIBIT B - FEE SCHEDULE

PROJECT NAME: S. POST OAK BLVD

LIMITS: 200' East and West along Trammel Fresno Road and 200' South and 50' North along South Post Oak Blvd

FORT BEND COUNTY PROJECT NO. 13112

SUBCONSULTANT PROVIDER NAME: CIVILCORP, LLC

TASK DESCRIPTION		SENIOR RPLS	RPLS	SENIOR SURVEY TECHNICIAN	SURVEY TECHNICIAN	2-PERSON SURVEY CREW	3-PERSON SURVEY CREW	ADMIN/CLERICAL	TOTAL HRS. & COSTS	COST PER TASK
CONTRACT RATE PER HOUR		\$ 205.00	\$ 185.00	\$ 118.00	\$ 100.00	\$ 185.00	\$ 220.00	\$ 90.00		
RIGHT OF WAY DATA (FC 130)										
Topo survey 200' East and West on Trammel, 200' south and 50' north on S Post oak		3	4	6	16		22		51	\$ 8,503.00
Verify Existing ROW and Update DGN		1	2	4			4		11	\$ 1,927.00
Update Utility Information (full project limits)		2	2	5	10		30		49	\$ 8,970.00
									0	\$ -
HOURS SUB-TOTALS		6	8	15	26	0	56	0	111	
SUBTOTAL (FC 130)		\$1,230.00	\$1,480.00	\$1,770.00	\$2,600.00	\$0.00	\$12,320.00	\$0.00	\$19,400.00	\$ 19,400.00
		5%	7%	14%	23%	0%	50%	0%		

DIRECT EXPENSES (FC 163)		QUANTITY	UNIT	RATE				TOTAL
MILEAGE		250	mile	\$ 0.665				\$ 166.25
SUBTOTAL DIRECT EXPENSES								\$ 166.25
TOTAL								\$ 19,566.25