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 Kavi Consulting, Inc., (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 27, 2020 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:

- County shall pay Consultant an additional amount not to exceed forty-six thousand three hundred eighty dollars and no/100 (\$46,380.00) to perform the additional Services, as described in Consultant's proposal dated October 10, 2022 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 two hundred sixty-eight thousand three hundred forty-four dollars and 48/100 (\$268,344.48), authorized as follows:

\$219,964.48 under the Agreement; and \$46,380.00 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. The parties hereby agree the Time of Performance under the Agreement shall be extended to end no later than December 31, 2026.
- 5. 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	KAVI CONSULTING, INC
	Mumile
	rispett
KP George, County Judge	Authorized Agent – Signature
Ki deorge, county Judge	Authorized Agent - Signature
	VIJAYA RAPOLU
Date	Authorized Agent – Printed Name
ATTECT	
ATTEST:	Proxident
	Title
	11/09/2022
Laura Richard, County Clerk	President Title 11/09/2022 Date
APPROVED:	
J. Stacy Slawinski, P.E., County Engineer	r
AUDIT	OR'S CERTIFICATE
I hereby certify that funds are a	
accomplish and pay the obligation of Fo	ort Bend County under this contract.
	Robert Ed Sturdivant, County Auditor

l:\Marcus\Agreements\Engineering\Road Construction\West Sycamore\17121x\Amend 1 - Pro Eng Svcs.W Sycamore.Seg 1.KC.docx.11/2/2022. 20-ENG-101157-A1

EXHIBIT A

Kavi Consulting, Inc.

October 10, 2022

Kevin Mineo, P.E. Sr. Project Manager, BBI 1710 Seamist Drive Houston, Texas 77008

RE: W. Sycamore Segment 1- Teal West Blvd to Teal Bend Drive

Dear Mr. Mineo:

Attached please find our fee proposal for the first amendment of W.Sycamore Segment-1 from Teal West Blvd to Teal Bend Drive. Also attached is our level of effort spreadsheet. Our proposed fee for Amendment #1 of the project is \$46,380.00. This will increase our contract value from the original Authorized amount of \$219,964.48 to a new total amount of \$268,344.48.

The increase to the level of effort is due to the County request to change the design of the project from a 48' asphalt roadway with open ditches to a 40' concrete roadway with sidewalk, curb and gutter and closed storm sewer system.

Please call me at 281-772-9643 if you have any questions. We look forward to working with BBI and Fort Bend County on this project.

Sincerely,

quigaspumasonal

Vijaya Rapolu, P.E. Kavi Consulting, Inc.

Encl:

Scope of Services LOE (KAVI)

SCOPE OF SERVICES

W.Sycamore Segment-1 from Teal Bend Blvd to Teal Estates Blvd

SCOPE OF SERVICES

This scope includes additional design for Final Design Phase per Fort Bend County Design Standards and Manual for W. Sycamore Segment-1 from Teal Bend Blvd to Teal Estates Blvd.

Following are the basic services that will be required for this project:

Final Design Phase

The final design phase will include the following:

• Preparation of construction plans that include:

Cover sheet; general notes; index; overall layout; cross sections; drainage area maps, drainage calculations, drainage improvements, P&P drawings; typical sections; traffic control plan; signing and pavement markings; SWPPP; and other applicable details.

- Construction Plans submittals for 70, 95 and 100 percent.
- Coordination with TxDOT, Fort Bend County Drainage District as needed and obtain their approvals if necessary.
- Finalize the preliminary construction cost estimate
- Prepare project manual and combine with signed plans and prepare the CDs and deliver to FBC purchasing and BBI.

SCHEDULE

The Phase II final design will take five weeks (not including County review time).

FEE BREAKDOWN

The fees for Phase I and Phase II will be paid on a lump sum basis. The following table gives a breakdown of the total fee by phase:

Phase	Fee
Phase II (KAVI)	\$46,380.00
Total	\$46,380.00

PHAS	E II BASIC SER	VICES LEVEL	PHASE II BASIC SERVICES LEVEL OF EFFORT (LOE) FEE ESTIMATE	DE) FEE EST	IMATE				
		W.Syc	W.Sycamore_Seg_1	,					_
		KAVI Consulting, Inc.	sulting, Inc.						
Date: 08/06/20									
Revision: 10/10/2022									
	Principal / Managing Director	Project Manager	Civil / Project Engineer	Graduate Engineer	Designer / Technician	Admin / Clerical	Total Hours	Total Cost	
DIRECT LABOR COST	\$ 70	\$ 55		\$ 40		\$ 30			
HOURLY RATE INCLUDING MULTIPLIER (3)	\$ 210	\$ 165	\$ 135	\$ 120	\$ 105				
COORDINATION, DATA COLLECTION, REVIEW AND APPROVAL									
Project Meetings (Kick-Off + 3 Meetings @ 3 Hrs Ea. + Meeting Minutes)	0	12	12	0	0	0	24	°É	3,600
Internal QA/QC (Multiple Phase Reviews)	2	4	8	0	12	80	34	\$	4,140
FB QA/QC (Multi Phase Reviews)	0	_	4	0	4	2	11	\$	1,305
Coordinate/Approval with Private Utilities	0	_	4	0	2	0	7	€	915
Field Visits and Data Collection	0	2	9	0	0	0	8	\$	1,140
Subtotal Hours	2	20	34	0	18	10	84		
Subtotal Fee	\$ 420	\$ 3,300	\$ 4,590	· \$	\$ 1,890	\$ 900		\$ 11,	11,100
FRONT END DRAWINGS									
Project Layout – Existing & Proposed Drainage Facilities	_	2	4	0	9	2	15	\$	1,890
Typical Sections and Cross Sections	3	8	24	0	32	0	29	&	8,550
Drainage Calculations (HouStorm Inlet Analysis and SWMM Export Tables)	1	4	24	0	16	0	45	\$	5,790
Earthwork (Cut & Fill) & Summary Sheet	1	1	9	0	9	0	14	\$ 1,	1,815
Subtotal Hours	7	15	58	0	09	2	142		
Subtotal Fee	\$ 1,470	\$ 2,475	\$ 7,830	\$	\$ 6,300	\$ 420		\$ 18,	18,495
PLAN & PROFILES									
PLAN & PROFILE - # of Sheets by Type (Main Alignment, Cross Street, etc.)	2	4	16	0	36	0	58	\$ 7,	7,020
Subtotal Hours	2	4	16	0	36	0	28		
Subtotal Fee	\$ 420	\$ 660	\$ 2,160	· \$	\$ 3,780	· \$		\$ 7,	7,020
STANDARD DETAILS									
Pavement Details	0	_	_	0	2	0	4	↔	510
Excavation, Bedding, Backfill & Pavement Repair Details	0	1	_	0	2	0	4	\$	510
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PHASI	PHASE II BASIC SER\	VICES LEVEL	/ICES LEVEL OF EFFORT (LOE) FEE ESTIMATE	OE) FEE EST	IMATE				
		W.Sy	W.Sycamore_Seg_1						
		KAVI Cons	KAVI Consulting, Inc.						
Date: 08/06/20									
Revision: 10/10/2022									
	Principal / Managing Director	Project Manager	Civil / Project Engineer	Graduate Engineer	Designer / Technician	Admin / Clerical	Total Hours	Total Gost	
DIRECT LABOR COST	\$ 70	\$ 55	\$ 45	\$ 40	\$ 35	\$ 30			
HOURLY RATE INCLUDING MULTIPLIER (3)	\$ 210	\$ 165	\$ 135	\$ 120	\$ 105	\$ 80			
Storm Sewer Details	0	1	1	0	2	0	7	\$ 510	
Special Details	0	1	2	0	4	0	7	\$ 855	
Subtotal Hours	0	4	2	0	10	0	19		
Subtotal Fee	-	\$ 660	\$ 675	-	\$ 1,050	-		\$ 2,385	
DESIGN SERVICES									
Storm Sewer /Drainage Ditch Facilities Design	2	4	12	0	12	0	30	\$ 3,960	
Subtotal Hours	2	4	12	0	12	0	30		
Subtotal Fee	\$ 420	\$	\$ 1,620	. ↔	\$ 1,260	· •		\$ 3,960	
DESIGN - PROJECT MANUAL (70%, 95%, & 100%)									
Sheet by Sheet Quantity Take-off and Cost Estimate	_	2	9	0	9	4	19	\$ 2,340	
Specifications (Applicable)	7	2	4	0	0	0	7	\$ 1,080	
Subtotal Hours	2	4	10	0	9	4	26		
Subtotal Fee	\$ 420	\$ 660	\$ 1,350	· ·	\$ 630	\$ 360		\$ 3,420	
BID PHASE SERVICES									
Subtotal Hours	0	0	0	0	0	0	0		
Subtotal Fee	· · ·	د	· •	. ↔	.	· \$		· \$	
TOTAL BASIC SERVICES HOURS	15	51	135	0	142	16	359		
TOTAL BASIC SERVICES FEE	\$3,150.00	\$8,415.00	\$18,225.00	\$0.00	\$14,910.00	\$1,680.00		\$46,380.00	