

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 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, which was subsequently amended on November 22, 2022, (hereinafter collectively referred to as the “Agreement”); and

WHEREAS, the parties desire to amend the Agreement to allow Consultant to provide additional Services under the Agreement and increase the maximum compensation amount.

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

1. County shall pay Consultant an additional amount not to exceed ninety-one thousand nine hundred sixty-nine dollars and 70/100 (\$91,969.70) to perform the additional Services, as described in Consultant’s proposal dated August 23, 2023, attached hereto as Exhibit “A-2” 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 fifty-eight thousand three hundred fourteen dollars and 18/100 (\$358,314.18), authorized as follows:
 - \$219,964.48 under the Agreement; and
 - \$ 46,380.00 under the First Amendment; and
 - \$ 91,969.70 under this Second 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 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



County Judge KP George

KP George, County Judge

11/07/2023

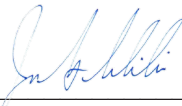
Date

ATTEST:



Laura Richard, County Clerk

APPROVED:



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

KAVI CONSULTING, INC



Authorized Agent – Signature

Rapolu, Vijaya Kumar

Authorized Agent – Printed Name

President

Title

October 11, 2023

Date

AUDITOR'S CERTIFICATE

I hereby certify that funds are available in the amount of \$ 358,314.18 to accomplish and pay the obligation of Fort Bend County under this contract.

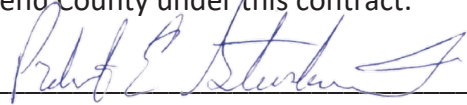

Robert Ed Sturdivant, County Auditor

EXHIBIT A-2

Kavi Consulting, Inc.

August 23, 2023

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 #2 of the project is \$91,969.70. This will increase our contract value from the original Authorized amount of \$266,344.48 to a new total amount of \$358,314.18.

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,

R. Vijaya Kumar

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

Encl:

Scope of Services
LOE (BBI)
LOE (KAVI)

1011 Highway 6S, # 307
Houston TX-77077
Ph: 281.772.9643

E-Mail: rapolu.vijaya@kaviconsultinginc.com

SCOPE OF SERVICES

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

SCOPE OF SERVICES

This scope includes additional design for Preliminary and 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:

Preliminary and Final Design Phase

The preliminary and 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 I & II design will take eight 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:

Description	Fee (\$)
Remaining in Contract	121,415.37
Survey (Outstanding)	14,361.53
Survey Parcels Outstanding (Org @3344.63)	10,033.89
BBI	144,647.00
KAVI - Coordination/QA/QC	5,565
KAVI - SPM	4,695
KAVI – SW3P	3,570
KAVI – TCP	5,175

W.Sycamore Segment I
Fort Bend County-Precinct-1

KAVI – Quantities for SPM/SW3P/TCP	1,440
CPS - Survey	8,897.65
CPS – BBI	10,000
CPS – KAVI	5,000
Sub Total	213,385.07
Expected Contract Amendment	91,969.70

Subprovider: BINKLEY BARFIELD, INC.
 Highway: US 281
 CSJ: 0255.05.043

Attachement E -Fee Schedule
 Method of Payment: Lump Sum

Legacy Contract No. 21-9SDP5002
 PS CONTRACT No. 10375

TASK DESCRIPTION	PROJECT MANAGER	ENGINEER SENIOR	ENGINEER (PROJECT)	ENGINEER IN TRAINING	CADD OPERATOR	QUALITY MANAGER	ADMIN CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET	COST PER LINE ITEM
Phase 1 Preliminary Design											
110.1 Data Collection											
Review utility plans								0		N/A	\$ -
Revise Drainage Study	6	6	12	12				36			\$ 6,336.00
ROW MAPPINGS											
Parcel Plats (3) -Landtech								0			\$ -
Determine & Review Parcel Plats	4		8					12			\$ 2,448.00
Coordinate with PAS for acquisition/appraisal (monthly meetings)											\$ -
HOURS SUB-TOTALS											
	10	6	20	12	0	0	0	48			
CONTRACT RATE PER HOUR											
	\$290.00	\$190.00	\$161.00	\$127.00	\$142.00	\$258.00	\$92.00				
TOTAL LABOR COSTS											
	\$2,900.00	\$1,140.00	\$3,220.00	\$1,524.00	\$0.00	\$0.00	\$0.00	\$8,784.00			
% DISTRIBUTION OF STAFFING											
	20.8%	12.5%	41.7%	25.0%	0.0%	0.0%	0.0%				
SUBTOTAL - FC 102 (110)											
								\$8,784.00			\$0.00

FINAL Design (70%, 95% & 100%)

TASK DESCRIPTION	PROJECT MANAGER	ENGINEER SENIOR	ENGINEER (PROJECT)	ENGINEER IN TRAINING	CADD OPERATOR SENIOR	QUALITY MANAGER	ADMIN CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET	COST PER LINE ITEM
FINAL PLAN DEVELOPMENT											
PM/Coordination Tasks											
Coordination with Fort Bend County	8	4						12	N/A	N/A	\$ 3,080.00
Coordination with Segment 4	2	4						6			\$ 1,340.00
Coordination with Kavi	4	6						10			\$ 2,300.00
Prepare Monthly Progress Reports (est @ 3 months)	1.5	3						4.5	N/A	N/A	\$ 1,005.00
Review Topo by project Surveyor		6						6			\$ 1,140.00
Site Visit		3	3	3				9			\$ 1,434.00
Survey Coordination	2	6	3					11			\$ 2,203.00
General Sheets											
Cover Sheet(to be done by Kavi)								0	1	0	\$ -
Index of Sheets	1	2	4	8	8	1		24	1	24	\$ 3,724.00
General Notes	1	2		4	4			11	2	6	\$ 1,746.00
Roadway Design											
Project Layout	1	3	8	8				20	1	20	\$ 3,164.00
Existing Typical sections	1	1	2	2	2			8	1	8	\$ 1,340.00
Proposed Typical sections	1	2	4	4	4			15	1	15	\$ 2,390.00
Horizontal Alignment Data sheets	1	1	2	2				6	1	6	\$ 1,056.00
Removal Layouts (100 scale double banked)	1	2	2	12				17	1	17	\$ 2,516.00
Roadway Plan & Profile sheets (40 scale)	4	12	20	28	32			96	4	24	\$ 14,760.00
Driveway Summary	1	2	4	4	4			15	1	15	\$ 2,390.00
Cross section sheets/Model	2	12	20	16	16			66	7	9	\$ 10,384.00
Traffic Control Plan Narrative(to be done by Kavi)											\$ -
Traffic Control Plan Sheets and Typical Section (2 phases) (100 scale) (double bank)(to be done by Kavi)											\$ -
Traffic Control Plan Detour Layout(to be used for both phases)(to be done by Kavi)											\$ -
Signing and Striping Plans Layouts (100 scale double banked)(to be done by Kavi)											\$ -
SW3P sheet (100 scale double banked)(to be done by Kavi)											\$ -
Misc Details	1	4	4	10	10			29	1	29	\$ 4,384.00
Roadway Standards	1	1	2	2	2			6	1	6	\$ -
Signing and Striping Standards	1	1	2	2	2			6	1	6	\$ 1,086.00
SW3P Standards	1	1	2	2	2			6	1	6	\$ 1,086.00

Subprovider: BINKLEY BARFIELD, INC.
 Highway: US 281
 CSI: 0255.05.043

Attachement E -Fee Schedule
 Method of Payment: Lump Sum

Legacy Contract No. 21-9SDP5002
 PS CONTRACT No. 10375

TASK DESCRIPTION	PROJECT MANAGER	ENGINEER SENIOR	ENGINEER (PROJECT)	ENGINEER IN TRAINING	CADD OPERATOR	QUALITY MANAGER	ADMIN CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET	COST PER LINE ITEM
Drainage Design											
Overall Drainage map	1	4	8	16				29	1	29	\$ 4,370.00
Drainage Area Layouts	2	6	8	16	8			40	2	20	\$ 6,176.00
Hydraulic Data Sheets	2	4	20	30	8			64	2	32	\$ 9,506.00
Drainage Plan & Profile sheets	4	8	24	44	16			96	4	24	\$ 14,404.00
Drainage Lateral Sheets	1		3	8	8			20	1	20	\$ 2,925.00
Drainage Standards	1	2	2		2			7	8	1	\$ 1,276.00
Structure Design											
Junction Box Design	2	10			8			20		#DIV/0!	\$ 3,616.00
Utility Relocation											
Verify Utility Conflict Table	2	2	4					8	1	8	\$ 1,604.00
Sanitary Sewer adjustments	1	6	12	14	14			47	1	47	\$ 7,128.00
Standards	1	2	2		4			9	4	2	\$ 1,560.00
Pipeline Coordinatoin for LONO	4	6	8					18		#DIV/0!	\$ 3,588.00
Quantity Calculations											
Removal Quantities	1	2	2	6		1		12		#DIV/0!	\$ 2,012.00
Roadway Quantities	1	2	4	8		1		16		#DIV/0!	\$ 2,588.00
Drainage Quantities	1	2	4	8		1		16		#DIV/0!	\$ 2,588.00
Signing and Pavement Marking Quantities(to be done by Kavi)											\$ -
SW3P Quantities(to be done by Kavi)											\$ -
Construction Cost Estimate	2	4	12	20				38		#DIV/0!	\$ 5,812.00
								0		#DIV/0!	\$ -
Constructability Review						12		12		#DIV/0!	\$ 3,096.00
											\$ -
HOURS SUB-TOTALS	61.5	138	195	271	154	16	0	835.5	49		
CONTRACT RATE PER HOUR	\$290.00	\$190.00	\$161.00	\$127.00	\$142.00	\$258.00	\$92.00				
TOTAL LABOR COSTS	\$17,835.00	\$26,220.00	\$31,395.00	\$34,417.00	\$21,868.00	\$4,128.00	\$0.00	\$135,863.00			
% DISTRIBUTION OF STAFFING	7.4%	16.5%	23.3%	32.4%	18.4%	1.9%	0.0%				
SUBTOTAL - FC 102 (110)								\$135,863.00			\$85,930.00

Design Cost	
Binkley & Barfield DCCM Houston-Engineering Design	\$ 85,930.00
Binkley & Barfield DCCM College Station-Drainage Report	\$ 6,336.00
Binkley & Barfield DCCM College Station-Drainage Design	\$ 41,245.00
Binkley & Barfield DCCM Houston-Utility Design	\$ 8,688.00
Binkley & Barfield DCCM Houston-ROW acquisition Coordination	\$ 2,448.00
Total Design Cost	\$ 144,647.00
Construction Services Cost	
Construction Phase Services (hourly)	\$ 10,000.00
Subtotal of Construction Services	\$ 10,000.00
Total Cost	\$ 154,647.00

PHASE II BASIC SERVICES LEVEL OF EFFORT (LOE) FEE ESTIMATE

W.Sycamore_Seg_1

KAVI Consulting, Inc.

	Principal / Managing Director	Project Manager	Civil / Project Engineer	Graduate Engineer	Designer / Technician	Admin / Clerical	Total Hours	Total Cost
Date: 08/06/20								
Revision1: 10/10/2022								
Revision2: 08/03/2023								
DIRECT LABOR COST	\$ 70	\$ 55	\$ 45	\$ 40	\$ 35	\$ 30		
HOURLY RATE INCLUDING MULTIPLIER (3)	\$ 210	\$ 165	\$ 135	\$ 120	\$ 105	\$ 90		
COORDINATION, DATA COLLECTION, REVIEW AND APPROVAL								
Project Meetings (Kick-Off + 3 Meetings @ 3 Hrs Ea. + Meeting Minutes)	0	8	8	0	0	0	16	\$ 2,400
Internal QA/QC (Multiple Phase Reviews)	1	2	4	0	4	4	15	\$ 1,860
FB QA/QC (Multi Phase Reviews)	0	1	4	0	4	2	11	\$ 1,305
Subtotal Hours	1	11	16	0	8	6	42	
Subtotal Fee	\$ 210	\$ 1,815	\$ 2,160	\$ -	\$ 840	\$ 540		\$ 5,565
STANDARD DETAILS								
Special Details	0	1	2	0	4	0	7	\$ 855
Signing and Pavement Markings	2	4	8	0	16	0	30	\$ 3,840
Subtotal Hours	2	5	10	0	20	0	37	
Subtotal Fee	\$ 420	\$ 825	\$ 1,350	\$ -	\$ 2,100	\$ -		\$ 4,695
DESIGN SERVICES								
Traffic Control Plan	2	4	6	12	8	4	36	\$ 4,530
Traffic Control Plan Details	0	1	2	0	2	0	5	\$ 645
Storm Water Pollution Prevention Planv(SWPPP)	2	2	4	12	8	0	28	\$ 3,570
SWPPP Details	0	1	2	0	2	0	5	\$ 645
Subtotal Hours	4	8	14	24	20	4	74	
Subtotal Fee	\$ 840	\$ 1,320	\$ 1,890	\$ 5,040	\$ 2,100	\$ 840		\$ 12,030
DESIGN - PROJECT MANUAL (70%, 95%, & 100%)								
Sheet by Sheet Quantity Take-off and Cost Estimate	1	2	4	0	0	4	11	\$ 1,440
Subtotal Hours	1	2	4	0	0	4	11	
Subtotal Fee	\$ 210	\$ 330	\$ 540	\$ -	\$ -	\$ 360		\$ 1,440

PHASE II BASIC SERVICES LEVEL OF EFFORT (LOE) FEE ESTIMATE

W.Sycamore_Seg_1

KAVI Consulting, Inc.

Date: 08/06/20								
Revision1: 10/10/2022								
Revision2: 08/03/2023								
	Principal / Managing Director	Project Manager	Civil / Project Engineer	Graduate Engineer	Designer / Technician	Admin / Clerical	Total Hours	Total Cost
DIRECT LABOR COST	\$ 70	\$ 55	\$ 45	\$ 40	\$ 35	\$ 30		
HOURLY RATE INCLUDING MULTIPLIER (3)	\$ 210	\$ 165	\$ 135	\$ 120	\$ 105	\$ 90		
BID PHASE SERVICES								
Pre-Bid Meeting	0	3	3	0	0	0	6	\$ 900
Subtotal Hours	0	3	3	0	0	0	6	
Subtotal Fee	\$ -	\$ 495	\$ 405	\$ -	\$ -	\$ -		\$ 900
CONSTRUCTION PHASE SERVICES								
								\$ 5,000.00
TOTAL BASIC SERVICES HOURS	8	29	47	24	48	14	170	
TOTAL BASIC SERVICES FEE	\$1,680.00	\$4,785.00	\$6,345.00	\$5,040.00	\$5,040.00	\$1,740.00		\$28,730.00

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

Certificate Number:
2023-1082723

Date Filed:
10/12/2023

Date Acknowledged:

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
Kavi Consulting Inc.
Katy, TX United States

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
Fort Bend County

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
SOQ 14-025
17121x Professional Engineering Services for W.Sycamore Segment 1

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Rapolu, Vijaya	Katy, TX United States	X	

5 Check only if there is NO Interested Party.

6 UNSWORN DECLARATION

My name is Vijaya Rapolu, and my date of birth is May 25, 1968.

My address is 27822 Acacia Glen Lane, Katy, TX, 77494, USA.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in Fort Bend County, State of Texas, on the 12th day of October, 2023.
(month) (year)

R Vijay Kumar

Signature of authorized agent of contracting business entity
(Declarant)

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

**OFFICE USE ONLY
CERTIFICATION OF FILING**

Certificate Number:
2023-1082723

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10/12/2023

Date Acknowledged:
11/07/2023

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
Kavi Consulting Inc.
Katy, TX United States

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Fort Bend County

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SOQ 14-025
17121x Professional Engineering Services for W.Sycamore Segment 1

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Rapolu, Vijaya	Katy, TX United States	X	

5 Check only if there is NO Interested Party.

6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)