

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:

1. 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-six thousand three hundred forty-four dollars and 48/100 (\$266,344.48), 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

R. Vijaya Kumar

KP George, County Judge

Authorized Agent – Signature

Date

Rapolu, Vijaya Kumar
Authorized Agent – Printed Name

ATTEST:

President

Title

12/22/2022

Laura Richard, County Clerk

Date

APPROVED:

J. Stacy Slawinski

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

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 \$266,344.48.

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,



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

Encl:

Scope of Services
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 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 |
| | |
| | |

| PHASE II BASIC SERVICES LEVEL OF EFFORT (LOE) FEE ESTIMATE | | | | | | | | | | | |
|---|-------------------------------|-----------------|--------------------------|-------------------|-----------------------|------------------|-------------|------------|--|--|--|
| W. Sycamore_Seg_1 | | | | | | | | | | | |
| 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 Cost | | | |
| 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 | 12 | 12 | 0 | 0 | 0 | 24 | \$ 3,600 | | | |
| Internal QA/QC (Multiple Phase Reviews) | 2 | 4 | 8 | 0 | 12 | 8 | 34 | \$ 4,140 | | | |
| FB QA/QC (Multi Phase Reviews) | 0 | 1 | 4 | 0 | 4 | 2 | 11 | \$ 1,305 | | | |
| Coordinate/Approval with Private Utilities | 0 | 1 | 4 | 0 | 2 | 0 | 7 | \$ 915 | | | |
| Field Visits and Data Collection | 0 | 2 | 6 | 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 | | \$ 11,100 | | | |
| FRONT END DRAWINGS | | | | | | | | | | | |
| Project Layout – Existing & Proposed Drainage Facilities | 1 | 2 | 4 | 0 | 6 | 2 | 15 | \$ 1,890 | | | |
| Typical Sections and Cross Sections | 3 | 8 | 24 | 0 | 32 | 0 | 67 | \$ 8,550 | | | |
| Drainage Calculations (HousStorm Inlet Analysis and SWMM Export Tables) | 1 | 4 | 24 | 0 | 16 | 0 | 45 | \$ 5,790 | | | |
| Earthwork (Cut & Fill) & Summary Sheet | 1 | 1 | 6 | 0 | 6 | 0 | 14 | \$ 1,815 | | | |
| Subtotal Hours | 7 | 15 | 58 | 0 | 60 | 2 | 142 | | | | |
| Subtotal Fee | \$ 1,470 | \$ 2,475 | \$ 7,830 | \$ - | \$ 6,300 | \$ 420 | | \$ 18,495 | | | |
| PLAN & PROFILES | | | | | | | | | | | |
| PLAN & PROFILE - # of Sheets by Type (Main Alignment, Cross Street, etc.) | 2 | 4 | 16 | 0 | 36 | 0 | 58 | \$ 7,020 | | | |
| Subtotal Hours | 2 | 4 | 16 | 0 | 36 | 0 | 58 | | | | |
| Subtotal Fee | \$ 420 | \$ 660 | \$ 2,160 | \$ - | \$ 3,780 | \$ - | | \$ 7,020 | | | |
| STANDARD DETAILS | | | | | | | | | | | |
| Pavement Details | 0 | 1 | 1 | 0 | 2 | 0 | 4 | \$ 510 | | | |
| Excavation, Bedding, Backfill & Pavement Repair Details | 0 | 1 | 1 | 0 | 2 | 0 | 4 | \$ 510 | | | |

| PHASE II BASIC SERVICES LEVEL OF EFFORT (LOE) FEE ESTIMATE | | | | | | | | | | |
|--|-------------------------------|-------------------|--------------------------|-------------------|-----------------------|-------------------|-------------|--------------------|--|--|
| W.Sycamore_Seg_1 | | | | | | | | | | |
| 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 Cost | | |
| DIRECT LABOR COST | \$ 70 | \$ 55 | \$ 45 | \$ 40 | \$ 35 | \$ 30 | | | | |
| HOURLY RATE INCLUDING MULTIPLIER (3) | \$ 210 | \$ 165 | \$ 135 | \$ 120 | \$ 105 | \$ 90 | | | | |
| Storm Sewer Details | 0 | 1 | 1 | 0 | 2 | 0 | 4 | \$ 510 | | |
| Special Details | 0 | 1 | 2 | 0 | 4 | 0 | 7 | \$ 855 | | |
| Subtotal Hours | 0 | 4 | 5 | 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 | \$ 660 | \$ 1,620 | \$ - | \$ 1,260 | \$ - | | \$ 3,960 | | |
| DESIGN - PROJECT MANUAL (70%, 95%, & 100%) | | | | | | | | | | |
| Sheet by Sheet Quantity Take-off and Cost Estimate | 1 | 2 | 6 | 0 | 6 | 4 | 19 | \$ 2,340 | | |
| Specifications (Applicable) | 1 | 2 | 4 | 0 | 0 | 0 | 7 | \$ 1,080 | | |
| Subtotal Hours | 2 | 4 | 10 | 0 | 6 | 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 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | \$ - | | |
| 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 | | |