

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

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

THIS THIRD AMENDMENT ("Third 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 HJ 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 6, 2020 pursuant to SOQ 14-025, and the Amendment to Agreement for Professional Engineering Services on or about November 22, 2022, and the Second Amendment to Agreement for Professional Engineering Services on or about August 22, 2023 (collectively the "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 Fifty-Six Thousand, Six Hundred Seventy-Four dollars and 15/100 (\$56,674.15) to perform the additional Services, as described in Consultant's proposal dated October 12, 2023, 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 Five Hundred Twelve Thousand, Five Hundred Thirty-Five dollars and 27/100 (\$512,535.27), authorized as follows:

 \$455,861.12 under the Agreement; and
 \$56,674.15 under this Third Amendment.
3. In no case shall the amount paid by County for all Services under the Agreement and this Second Amendment exceed the Maximum Compensation without an agreement executed by the parties.
4. 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

HJ CONSULTING, INC.

KP George, County Judge



Authorized Agent – Signature

Date

Harish Jajoo, PE

Authorized Agent – Printed Name

ATTEST:

President

Title

Laura Richard, County Clerk

10-7-23

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

Exhibit A: Consultant's proposal dated October 12, 2023

EXHIBIT A



October 12, 2023

Mr. Kevin Mineo, PE
Binkley & Barfield, Inc.
1710 Seamist Drive
Houston, TX 77008

Re: Proposal for Additional Professional Services
West Sycamore Rd, Segment 2 (Eaglewood Trail Dr to S Post Oak, Precinct 2)

Dear Mr. Mineo:

HJ Consulting, Inc. (HJ) is pleased to submit this revised proposal for the additional design revisions for West Sycamore Road widening project described below:

Scope:

1. Change eastern half boulevard section to 3 lane section.
2. Add extension of existing Winsome Drive to connect to proposed project.
3. Ultimate intersection geometry at S Post Oak intersection.
4. Tie into existing pavements on S Post Oak, and east side of W Sycamore Rd.
5. Revise Traffic Control Plans.
6. Revise and add Cross Sections.
7. Revise to Detention
8. Revise/update Cover Sheet, Index, Demolition Plan, SWPPP, SPM.
9. Revise drainage report.
10. Update project manual (estimate, bid tabs) accordingly.
11. Additional topographic survey required for the additions (see attached).

The fee is based upon the Scope of Work (SOW) of the additional design efforts outlined by Fort Bend County (FBC) and recent discussions with you. Refer to the original SOW and other addendums for all other design efforts.

Civil Engineers | Construction Managers

4771 Sweetwater Boulevard, Suite 254, Sugar Land, Texas 77479
832-338-3202 (C) | 832-553-3103 (F) | www.hjconsultinginc.com

Exhibit A

West Sycamore Road, FBC Precinct 2

Proposal for Professional Engineering Services

October 12, 2023

Page 2 of 2

Tentative Schedule (Subject to NTP):

Item	Duration	Date
NTP		9/11/23
Topographic Survey	4 Weeks	10/9/23
Progress 70% Submittal	2 Weeks	10/23/23
FBC Review	1 Week	10/30/23
95% Submittal	3 Weeks	11/20/23
FBC Review	2 Weeks	12/4/23
Final Signed & Sealed	2 Weeks	12/18/23

Fee:

The design fee & topographic survey for additional scope is **\$56,674.15** after credit of unused portion of Addendum 2 (\$10,520) and is detailed in the attachment.

If you have any questions, please give me a call, or send me an email.

Sincerely,



Harish Jajoo, PE, CFM
President
HJ Consulting, Inc.



FEE SUMMARY

ADDITIONAL WORK FOR RABB ROAD IMPROVEMENTS

Project Name: West Sycamore Road, Segment 2

Project Limits: Eaglewood Trail Drive to S Post Oak

FBC Project # 17122x

BASIC SERVICES			
1	Final Design Phase (Lumpsum)		\$ 49,767.50
	Drawings & Documents (95% Submittal) Subtotal	\$	40,012.50
	Drawings & Documents (Final Submittal) Subtotal	\$	4,460.00
	Project Management Subtotal	\$	5,295.00
	Other Expenses Subtotal	\$	-
Sub-Total Basic Services (1):		\$	49,767.50
ADDITIONAL SERVICES			
2	Survey		
	Topographic Surveying and Mapping	\$	6,906.65
		\$	6,906.65
Sub-Total Additional Services (2):		\$	6,906.65
TOTAL SERVICES (BASIC & ADDITIONAL):		\$	56,674.15



WEST SYCAMORE ROAD
SEGMENT 2 (EAGLEWOOD TRAIL DRIVE TO S. POST OAK)
FBC PROJECT# 17122x
HJ CONSULTING, INC.
EAST SIDE REVISIONS
LEVEL OF EFFORT FOR FINAL DESIGN PHASE, OCTOBER 2023

Employee Classification		No. of Sheets	Principal	Sr Project Manager	QA/QC Engineer	Project Engineer	Graduate Engineer	CAD Technician	Admin	Total Hours	Total
Raw Labor Rates			\$325.00	\$275.00	\$225.00	\$175.00	\$135.00	\$105.00	\$75.00		
		LEVEL OF EFFORT (DESIGN PHASE)									
TASK	TASK DESCRIPTION	ESTIMATED HOURS									
DRAWINGS & DOCUMENTS (95% Submittal)											
1	Coversheet & Index of Sheets	1				0.5		1		1.5	\$ 192.50
2	Update Proposed Typical Section	1		0.25	0.25	0.5		2		3	\$ 422.50
3	Update Drainage Study										\$ -
3.1	Drainage Design			1	2	8	16			27	\$ 4,285.00
3.2	Drainage Study Report			1	2	8	16			27	\$ 4,285.00
3.3	Drainage Maps and Exhibits			1	1	2	4	8		16	\$ 2,230.00
4	Update Drainage Area Maps	1		0.5	0.5	1		4		6	\$ 845.00
5	Update/Additional Hydraulic Calculations	1		1	1	2	6			10	\$ 1,660.00
6	Update/Additional Roadway Design	7									\$ -
6.1	Horizontal Alignment (Plan)/Design			2	2	4	8	8		24	\$ 3,620.00
6.2	Vertical Alignment (Profile)/Design			2	2	4	8	8		24	\$ 3,620.00
7	Update/Add Plan and Profile Sheets	7		3	3	6	9	42		63	\$ 8,175.00
7.1	Intersection Details/Layouts	2		1	1	2	4	16		24	\$ 3,070.00
7.2	Street/Driveway Connection Details and Calculations	1		0.5	0.5	1	2	4		8	\$ 1,115.00
8	Detention Plans & Calculations	1		0.5	1	4	4	4		13.5	\$ 2,022.50
9	Demolition Plans	1		0.5	1		2	4		7.5	\$ 1,052.50
10	Traffic Control Plans	2		1	1	4	6	12		24	\$ 3,270.00
11	Storm Water Pollution Prevention Plans	1		0.25	0.25	0.5	1	2		4	\$ 557.50
12	Cross Sections & Earthwork Calculations	6		1	2	12	12	36		63	\$ 8,225.00
13	Project Manual										\$ -
13.1	Bid Form (Est Unit and w/wo Total Costs)			1	1	2	3	6		13	\$ 1,885.00
13.2	Specification Table of Contents										\$ -
14	Fort Bend County Standard Sheets										\$ -
15	MINUS UNUSED PORTION OF ADDENDUM 2										\$ (10,520.00)
DRAWINGS & DOCUMENTS (95% Submittal) SUBTOTAL		32									\$ 40,012.50



WEST SYCAMORE ROAD
SEGMENT 2 (EAGLEWOOD TRAIL DRIVE TO S. POST OAK)
FBC PROJECT# 17122x
HJ CONSULTING, INC.
EAST SIDE REVISIONS
LEVEL OF EFFORT FOR FINAL DESIGN PHASE, OCTOBER 2023

Employee Classification		No. of Sheets	Principal	Sr Project Manager	QA/QC Engineer	Project Engineer	Graduate Engineer	CAD Technician	Admin	Total Hours	Total
Raw Labor Rates			\$325.00	\$275.00	\$225.00	\$175.00	\$135.00	\$105.00	\$75.00		
		LEVEL OF EFFORT (DESIGN PHASE)									
TASK	TASK DESCRIPTION	ESTIMATED HOURS									
DRAWINGS & DOCUMENTS (Final Submittal)											
1	Update Drawings for Final Submittal			2	2	4	8	16		32	\$ 4,460.00
2	Update Project Manual Bid Forms, Cost Estimates, Specs										\$ -
DRAWINGS & DOCUMENTS (Final Submittal) SUBTOTAL											\$ 4,460.00
PROJECT MANAGEMENT											
1	Field Visit (Investigations and Findings)										\$ -
2	Coordination with Adjoining Projects										\$ -
3	Coordination with Public Utilities for Obtaining Record Drawings										\$ -
4	Coordination with Centerpoint Energy, AT&T, Comcast and Other (Private Utilities)										\$ -
5	Project Management and Meetings		6	9						15	\$ 4,425.00
6	Submittal Milestones (Design Submittals - 95% and Final) & Attend to Comments			1		1	1	2	1	6	\$ 870.00
PROJECT MANAGEMENT SUBTOTAL											\$ 5,295.00
OTHER EXPENSES											
1	Printing/Plotting/Copying (Including Mylars)										\$ -
2	Mileage/Postage/Courier										\$ -
OTHER EXPENSES SUBTOTAL											\$ -
TOTAL HOURS			6	29.5	23.5	66.5	110	175	1	411.5	
TOTAL ESTIMATE			\$1,950	\$8,113	\$5,288	\$11,638	\$14,850	\$18,375	\$75		\$ 49,767.50

06 SEP 2023

Mr. Dhiren Srivastava, PE, PMP, ENV SP
Senior Project Manager
HJ Consulting, Inc.
dhiren@hjconsultinginc.com

RE: Limited Topographic Surveying and Mapping Services
For proposed Winsome Drive Extension to W. Sycamore Rd.

Dear Mr. Srivastava:

It is my pleasure to submit this proposal to provide professional surveying services for the above-referenced project. Based on the information received in your email correspondence from 08/28/2023 and our subsequent communications, we will survey within the revised limits delineated in RED as shown in the provided exhibit (Exhibit "B").

Scope of work as we understand it is as follows:

1. Limited Topographic survey to include improvements in the red delineated area (roads or driveways, spot elevations on a 50' x 50' grid interval in the projected proposed road, break lines, observed inlet and manhole rim locations and measure down, flowline inverts, directions, and sizes where visible. Landtech will provide cross sections of the existing road within survey scope limits as well as in the projected proposed roadway area north to W. Sycamore Road. A separate survey control map is excluded.
2. Observed/Visible indications of utilities will be surveyed within scope limits as well as any marks produced by a Texas One Call (811) request. Verify existing control points in the immediate area of the additional topo.

Per request, project control verification, 811-digtess(one-call) and corresponding utility marks have been removed from the scope of this proposal and are excluded.

Deliverables will be a limited topographic survey in Plan View AutoCAD Civil 3D format including contour lines plotted on a 1' contour interval and accompanying points file in ascii format.

The fee for the services described above will be Lump Sum as follows. Please see attached spreadsheet for a Level of Effort breakdown by labor category.

Surveying – Landtech, Inc. Lump Sum Total: \$ 6,906.65

We estimate that we can complete all services and submit all final deliverables within 4 weeks after Contract is fully executed and written NTP is provided, subject to availability of access to the property and weather permitting. Profile mapping and pdf deliverables are excluded from this proposal.

Thank you and we look forward to working with you.

Sincerely,

Landtech, Inc.

A handwritten signature in blue ink, appearing to read "Jacob J. Lupher".

Jacob "Jake" Lupher, R.P.L.S.
Project Manager

Attachments: Fee Estimate Spreadsheet
PDF Exhibit of Survey Area

WINSOME DR EXTENSION TOPO.docx

SUBPROVIDER: LANDTECH, INC.

Surveying		ITEMIZED FEE SCHEDULE											
		TOPOGRAPHIC SURVEY		BOUNDARY RESEARCH VERIFICATION		Locate Digress (one call marks)		CONTROL VERIFICATION					
Discipline	2023 Rate	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee
Project Manager	\$229.49	1.0	\$229.49	0.0	\$0.00	0.0	\$0.00	0.5	\$114.75		\$0.00		\$0.00
Senior Surveyor (RPLS)	\$221.09	3.0	\$663.27	0.0	\$0.00	0.0	\$0.00	2.0	\$442.18		\$0.00		\$0.00
Senior Survey Technician	\$124.40	8.0	\$995.20	0.0	\$0.00	2.0	\$248.80	2.0	\$248.80		\$0.00		\$0.00
Senior CADD Operator	\$134.15	8.0	\$1,073.20	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00		\$0.00		\$0.00
Abstractor	\$103.45	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00		\$0.00		\$0.00		\$0.00
Administrative/Clerical	\$90.96	1.0	\$90.96	0.0	\$0.00	0.0	\$0.00	0.0	\$0.00		\$0.00		\$0.00
2 - Person Survey Crew	\$200.00	8.0	\$1,600.00	0.0	\$0.00	4.0	\$800.00	2.0	\$400.00		\$0.00		\$0.00
Subtotal		29.0	\$4,652.12	0.0	\$0.00	6.0	\$1,048.80	6.5	\$1,205.73	0.0	\$0.00	0.0	\$0.00
		Total Time & Fees LUMP SUM										HOURS	FEES
												41.5	\$6,906.65

EXHIBIT "B"

Write a description for your map.

Legend



EXHIBIT "B" SCOPE LIMITS WINSOME DR. PROPOSED EXTENSION



Google Earth

Image Landsat / Copernicus

300 ft

Exhibit A

