

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 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, (hereinafter “Agreement”) pursuant to SOQ 14-025; and

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

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

1. County shall pay Consultant an additional eighteen thousand eight hundred sixty-two dollars and 42/100 (\$18,862.42), for the services as described in Consultant’s proposal dated July 13, 2021, attached hereto as Exhibit “A” and incorporated herein for all purposes.
2. The Maximum Compensation payable to Consultant for Services rendered is hereby increased to an amount not to exceed three hundred nineteen thousand two dollars and 69/100 (\$319,002.69), authorized as follows:

\$300,140.27 under the Agreement; and
\$18,862.42 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 written agreement executed by both 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.

FORT BEND COUNTY

HJ CONSULTING, INC

KP George, County Judge

Haesl
Authorized Agent - Signature

Date

HARISH JAISO, P.E.
Authorized Agent - Printed Name

ATTEST:

PRESIDENT

Title

Laura Richard, County Clerk

08-02-21

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



July 13, 2021

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

Re: Proposal for Additional Professional Services – Westenfeldt Road
Rabb Road to State Highway 6, Precinct 1

Dear Mr. Mineo:

HJ Consulting, Inc. (HJ) is pleased to submit this proposal for the additional design of Rabb Road extension for Westenfeldt Road widening project. 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 for all other design efforts.

The additional scope will be to reconstruct Rabb Road from Westenfeldt Road to the existing concrete pavement approximately 250' east. This will entail additional design effort and adding additional sheets. Included in this proposal is the additional survey along Westenfeldt Road.

The design fee for both the additional scope and survey is \$18,862.42 and is detailed in the attachment.

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

Sincerely,

A handwritten signature in black ink that reads 'Harish Jajoo'.

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

Civil Engineers | Construction Managers

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



FEE SUMMARY

ADDITIONAL WORK FOR RABB ROAD IMPROVEMENTS

Project Name: Westenfeldt Road

Project Limits: Rabb Road to State Highway 6

FBC Project # 17124x

BASIC SERVICES

1	Preliminary Design Phase (Lumpsum)		\$ 7,180.25
		Preliminary Engineering Subtotal	\$ 6,812.75
		Project Management Subtotal	\$ 367.50
		Other Expenses Subtotal	\$ -
2	Final Design Phase (Lumpsum)		\$ 10,174.75
		Drawings & Documents (70% Submittal) Subtotal	\$ 6,740.00
		Drawings & Documents (95% Submittal) Subtotal	\$ 1,439.75
		Drawings & Documents (Final Submittal) Subtotal	\$ 1,389.00
		Project Management Subtotal	\$ 606.00
		Other Expenses Subtotal	\$ -

Sub-Total Basic Services (1-2): \$ 17,355.00

ADDITIONAL SERVICES

3	Survey		
	Topographic Surveying and Mapping	\$ 1,507.42	
			\$ 1,507.42

Sub-Total Additional Services (3): \$ 1,507.42

TOTAL SERVICES (BASIC & ADDITIONAL): \$ 18,862.42



WESTENFELDT ROAD
(RABB ROAD TO STATE HIGHWAY 6)
FBC PROJECT# 17124x
HJ CONSULTING, INC.
RABB ROAD ADDITION
LEVEL OF EFFORT FOR PRELIMINARY ENGINEERING PHASE, JULY 2021

7/13/2021

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Senior Designer	Graduate Engineer	Designer	CAD Technician	Admin	Total
LEVEL OF EFFORT (PRELIMINARY DESIGN PHASE)											
ESTIMATED HOURS											
PRELIMINARY ENGINEERING											
1	Maps										\$ -
1.1	Project Location Map										\$ -
1.2	Alignment Exhibit								1		\$ 78.00
1.3	FEMA FIRM Map										\$ -
1.4	Prelim. Drainage Area Map & Calcs				0.5				1		\$ 190.50
1.5	Sight Triangle Exhibit										\$ -
1.6	Right of Way Exhibit								0.5		\$ 39.00
1.7	FEMA FIRM Map								2		\$ 156.00
2	Narrative										\$ -
2.1	Introduction, Limits, Purpose and Scope										\$ -
2.2	Existing Conditions						1				\$ 105.00
2.3	Proposed Improvements				1			1			\$ 225.00
3	Right of Way Acquisition Needs										\$ -
4	Identify Potential Conflicts with Facilities and Utilities										\$ -
5	Utility Conflicts List										\$ -
5.1	Public water and sewer Private utilities and pipelines										\$ -
6	Identify Critical Path Items										\$ -
6.1	Level 1 schedule with Design, ROW, Bidding, and Construction										\$ -



WESTENFELDT ROAD
(RABB ROAD TO STATE HIGHWAY 6)
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HJ CONSULTING, INC.
RABB ROAD ADDITION
LEVEL OF EFFORT FOR PRELIMINARY ENGINEERING PHASE, JULY 2021

7/13/2021

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Senior Designer	Graduate Engineer	Designer	CAD Technician	Admin	Total
ESTIMATED HOURS											
Raw Labor Rates		\$195.00	\$165.00	\$150.00	\$120.00	\$105.00	\$105.00	\$80.00	\$78.00	\$60.00	
TASK	TASK DESCRIPTION										
7	Identify Problem Areas and Potential Resolution										\$ -
8	Identify Permit and Regulatory Requirements										\$ -
8.1	Environmental, FEMA, others as needed										\$ -
9	Construction Cost Estimate				0.5		1		1		\$ 243.00
10	Drainage Study										\$ 405.00
10.1	Drainage Design			0.5	1		2				\$ 405.00
10.2	Drainage Study Report			0.5	1		2				\$ 405.00
10.3	Drainage Maps and Exhibits						0.5		1		\$ 130.50
11	Waterline Relocation Design										\$ -
12	Roadway Design										\$ 738.75
12.1	Horizontal Alignment (Plan)/Design		0.25	0.25	2		4				\$ 738.75
12.2	Vertical Alignment (Profile)/Design		0.25	0.25	2		4				\$ 738.75
13	30% Plans (11"x17" Sheets)										\$ 867.00
13.1	Existing Typical Section	1	1	1	2				4		\$ 875.00
13.2	Proposed Typical Section	1	1	1	2			4			\$ 875.00
13.3	Plan & Profile	1									\$ 1,072.50
13.3.1	Existing Features in Plan & Profile			0.5	0.5		1.5		10		\$ 543.75
13.3.2	Minor Annotations		0.25	0.25	1		1	3			\$ 6,812.75
PRELIMINARY ENGINEERING SUBTOTAL		3									\$ 6,812.75



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LEVEL OF EFFORT FOR PRELIMINARY ENGINEERING PHASE, JULY 2021

7/13/2021

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Senior Designer	Graduate Engineer	Designer	CAD Technician	Admin	Total
ESTIMATED HOURS											
Raw Labor Rates		\$195.00	\$165.00	\$150.00	\$120.00	\$105.00	\$105.00	\$80.00	\$78.00	\$60.00	
PROJECT MANAGEMENT											
14	Field Visit (Investigations and Findings)										\$ -
15	Coordination with TXDOT										\$ -
16	Coordination for Survey, Geotechnical & TIA		1								\$ 165.00
17	Coordination with Public Utilities for Obtaining Record Drawings										\$ -
18	Coordination with Centerpoint Energy, AT&T, Comcast and Other (Private Utilities)										\$ -
19	Project Management and Meetings (Includes Study Phase Meetings)										\$ -
20	Submittal Milestones (Draft & Final)		0.5		0.5					1	\$ 202.50
PROJECT MANAGEMENT SUBTOTAL											\$ 367.50
OTHER EXPENSES											
21	Printing/Plotting/Copying										\$ -
22	Mileage/Postage/Courier										\$ -
OTHER EXPENSES SUBTOTAL											\$ -
TOTAL HOURS		0	4.25	4.25	14	0	18.5	7	20.5	1	
TOTAL ESTIMATE		\$0	\$701	\$638	\$1,680	\$0	\$1,943	\$560	\$1,599	\$60	\$ 7,180.25



WESTENFELDT ROAD
 (RABB ROAD TO STATE HIGHWAY 6)
 FBC PROJECT# 17124x
 HJ CONSULTING, INC.
 RABB ROAD ADDITION
 LEVEL OF EFFORT FOR FINAL DESIGN PHASE, JULY 2021

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Senior Designer	Graduate Engineer	Designer	CAD Technician	Admin	Total
LEVEL OF EFFORT (DESIGN PHASE)											
ESTIMATED HOURS											
DRAWINGS & DOCUMENTS (70% Submittal)											
1	Coversheet										\$ -
2	Update Proposed & Existing Typical Sections		0.25	0.25	0.5		1		2		\$ 399.75
3	Update Drainage Area Maps		0.25	0.25	0.5			2			\$ 298.75
4	Update Hydraulic Calculations		0.25	0.25	0.5		1.5				\$ 296.25
5	Update Plan and Profile Sheets		0.25	0.5	1		2	2	4		\$ 918.25
5.1	Intersection Details/Layouts		0.5	0.5	0.5		1.5		3		\$ 609.00
5.2	Street/Driveway Connection Details and Calculations										\$ -
5	Detention Plans & Calculations		0.25	0.25	1		1.5		2		\$ 512.25
6	Demolition Plans		0.25	0.25	1		1.5		2		\$ 512.25
7	Traffic Control Plans										\$ -
8	Storm Water Pollution Prevention Plans		0.25	0.25	2		2		3		\$ 762.75
9	Cross Sections & Earthwork Calculations	1	0.25	0.5	3		3		6		\$ 1,259.25
10	Project Manual										\$ -
10.1	Bid Form (Est Unit and w/wo Total Costs)		0.5	0.5	3		4		3		\$ 1,171.50
10.2	Specification Table of Contents										\$ -
11	Fort Bend County Standard Sheets										\$ -
DRAWINGS & DOCUMENTS (70% Submittal) SUBTOTAL											\$ 6,740.00



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HJ CONSULTING, INC.
RABB ROAD ADDITION
LEVEL OF EFFORT FOR FINAL DESIGN PHASE, JULY 2021

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Senior Designer	Graduate Engineer	Designer	CAD Technician	Admin	Total
Raw Labor Rates		\$195.00	\$165.00	\$150.00	\$120.00	\$105.00	\$105.00	\$80.00	\$78.00	\$60.00	
TASK	TASK DESCRIPTION	LEVEL OF EFFORT (DESIGN PHASE)									
ESTIMATED HOURS											
DRAWINGS & DOCUMENTS (95% Submittal)											
1	General Notes										\$ -
2	Index of Sheets										\$ -
3	Update Plan and Profile Sheets		0.25	0.25	0.5		1	1	3		\$ 557.75
3.1	Update Intersection Details/Layouts		0.25	0.25	0.25				1		\$ 239.25
3.2	Update Street/Driveway Connection Details and Calculations										\$ -
4	Update Detention Plans & Calculations										\$ -
5	Update Demolition Plans										\$ -
6	Update Traffic Control Plans										\$ -
7	Update Storm Water Pollution Prevention Plans										\$ -
8	Update Cross Sections & Earthwork Calculations		0.25	0.25	1		2		3		\$ 642.75
9	Update Project Manual Bid Forms, Cost Estimates, Specs										\$ -
9.1	Administrative Documents										\$ -
9.2	Special Specifications or Conditions										\$ -
	DRAWINGS & DOCUMENTS (95% Submittal) SUBTOTAL	0									\$ 1,439.75
DRAWINGS & DOCUMENTS (Final Submittal)											
1	Update Drawings for Final Submittal		1	1	2		2		8		\$ 1,389.00
2	Update Project Manual Bid Forms, Cost Estimates, Specs										\$ -
	DRAWINGS & DOCUMENTS (Final Submittal) SUBTOTAL										\$ 1,389.00



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LEVEL OF EFFORT FOR FINAL DESIGN PHASE, JULY 2021

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Senior Designer	Graduate Engineer	Designer	CAD Technician	Admin	Total
Raw Labor Rates		\$195.00	\$165.00	\$150.00	\$120.00	\$105.00	\$105.00	\$80.00	\$78.00	\$60.00	
LEVEL OF EFFORT (DESIGN PHASE)											
ESTIMATED HOURS											
PROJECT MANAGEMENT											
1	Field Visit (Investigations and Findings)										\$ -
2	Coordination and Permitting with TxDOT										\$ -
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 (Includes 2 Design Phase Meetings)										\$ -
6	Submittal Milestones (Design Submittals - 70%, 95% and Final) & Attend to Comments		1		1		1		2	1	\$ 606.00
PROJECT MANAGEMENT SUBTOTAL											\$ 606.00
OTHER EXPENSES											
1	Printing/Plotting/Copying (Including Mylars)										\$ -
2	Mileage/Postage/Courier										\$ -
OTHER EXPENSES SUBTOTAL											\$ -
TOTAL HOURS		0	5.75	5.25	17.75	2	22.5	5	42	1	
TOTAL ESTIMATE		\$0	\$949	\$788	\$2,130	\$210	\$2,363	\$400	\$3,276	\$60	\$ 10,174.75