



3. **Limit of Appropriation.** Contractor understands and agrees that the Maximum Compensation payable to Contractor for Services rendered under this Agreement is hereby increased to an amount not to exceed One Million, Five Hundred Sixty-Two Thousand, One Hundred Twenty-Seven and 20/100 Dollars (\$1,562,127.20) authorized as follows:

\$1,293,733.00 under the Agreement; and  
\$158,668.20 under the First Amendment; and  
\$109,726.00 under this Second Amendment.

In no event shall the amount paid by County under this Agreement, as amended, exceed the Maximum Compensation without a County approved change order. Contractor clearly understands and agrees, such understanding and agreement being of the absolute essence of this Agreement, as amended, that County shall have available the total maximum sum of \$1,562,127.20 specifically allocated to fully discharge any and all liabilities County may incur under the Agreement, as amended.

Contractor does further understand and agree, said understanding and agreement also being of the absolute essence of the Agreement, as amended, that the total Maximum Compensation that Contractor may become entitled to and the total maximum sum that County may become liable to pay to Contractor under the Agreement, as amended, shall not under any conditions, circumstances, or interpretations thereof exceed \$1,562,127.20

4. **Certain State Law Requirements for Contracts.** The contents of this Section are required by Texas law and are included by County regardless of content for purposes of Sections 2252.152, 2271.002, and 2274.002, Texas Government Code, as amended, Contractor hereby verifies that Contractor and any parent company, wholly owned subsidiary, majority-owned subsidiary, and affiliate:
- A. Unless affirmatively declared by the United States government to be excluded from its federal sanctions regime relating to Sudan or Iran or any federal sanctions regime relating to a foreign terrorist organization, is not identified on a list prepared and maintained by the Texas Comptroller of Public Accounts under Section 806.051, 807.051, or 2252.153 of the Texas Government Code.
  - B. If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Contractor does not boycott Israel and is authorized to agree in such contracts not to boycott Israel during the term of such contracts. "Boycott Israel" has the meaning provided in § 808.001 of the Texas Government Code.

- C. If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Contractor does not boycott energy companies and is authorized to agree in such contracts not to boycott energy companies during the term of such contracts. “Boycott energy company” has the meaning provided in § 809.001 of the Texas Government Code.
- D. If employing ten (10) or more full-time employees and this Agreement has a value of \$100,000.00 or more, Contractor does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and is authorized to agree in such contracts not to discriminate against a firearm entity or firearm trade association during the term of such contracts. “Discriminate against a firearm entity or firearm trade association” has the meaning provided in §2274.001(3) of the Texas Government Code. “Firearm entity” and “firearm trade association” have the meanings provided in §2274.001(6) and (7) of the Texas Government Code.
5. **Recitals.** The recitals set forth above are incorporated herein by reference and made a part of the Agreement, as amended.
6. **Human Trafficking.** BY ACCEPTANCE OF THIS SECOND AMENDMENT, CONTRACTOR ACKNOWLEDGES THAT FORT BEND 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.
7. **Modifications and Conflict.** Except as modified herein, the Agreement shall remain in full force and effect and has not been otherwise modified or amended. If there is a conflict among documents that make up the Agreement, this Second Amendment shall prevail with regard to the conflict.
8. **Certification.** By his or her signature below, each signatory individual certifies that he or she is the properly authorized person or officer of the applicable Party hereto and has the requisite authority necessary to execute this Second Amendment on behalf of such Party, and each Party hereby certifies to the other that it has obtained the appropriate approvals or authorizations from its governing body as required by law.

**{Execution Page Follows}**

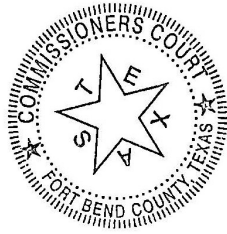
**FORT BEND COUNTY, TEXAS**

KP George  
KP George, County Judge

September 24, 2025  
Date

ATTEST:

Laura Richard  
Laura Richard, County Clerk



**ISANI CONSULTANTS**

Murthy Made  
Authorized Agent – Signature

Murthy Made  
Authorized Agent- Printed Name

Project Manager  
Title

09/08/2025  
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 \$ 1,562,127.20 to accomplish and pay the obligation of the Fort Bend County under this Agreement.

Robert E. Sturdivant  
Robert E. Sturdivant, County Auditor

# **EXHIBIT A-2**

(Follows Behind)



civil \ design \ engineers

May 19, 2025

**Mr. Robert T. McBride, P.E.**  
Sr. Project Manager  
LJA Engineering, Inc.  
3600 W. Sam Houston Parkway S  
Suite 600  
Houston, TX 77042

**Subject:** Fort Bend County Mobility Bond Program Project Number: 20409  
**Old Richmond Road – From Voss Rd to Boss Gaston Rd, Precinct 3&4**  
Proposal for Additional Professional Engineering Services for Old Richmond Rd  
(Drainage analysis and Final design for Ditch along the south of the Sprint  
property to the Red Gully as option 1 and to the future pond 5 as option 2, as  
shown in Exhibit C)

Dear Mr. McBride:

Isani Consultants, LP is pleased to submit the proposal for Drainage Analysis and Final Design Phase Services for the above-referenced project. The following documents are attached herewith:

- Exhibit A: Scope of Services
- Exhibit B: Compensation for Professional Engineering Services
- Exhibit C: Project Limits

The total proposed fee for professional engineering and additional services will be **\$109,726.00**.

Please review and let us know if you have any comments or clarifications regarding the scope of services submitted.

We appreciate the opportunity to propose this project. Please contact me if you have any questions or need additional supporting information regarding this request.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Murthy'.

Murthy Made, P.E., PMP, ENV SP  
Project Manager  
Isani Consultants, LP



civil \ design \ engineers

May 19, 2025

**Mr. Robert T. McBride, P.E.**  
Sr. Project Manager  
LJA Engineering, Inc.  
3600 W. Sam Houston Parkway S  
Suite 600  
Houston, TX 77042

**RE: Old Richmond Road – From Voss Rd to Boss Gaston Rd, Precinct 3&4  
Fort Bend County Mobility Bond Program Project Number: 20409**

Dear Mr. McBride:

I am writing this letter to request a time extension on the Fort Bend County Old Richmond Road project No. 20409. I would like to propose the date of 12/31/2028 as the new end date of the project. This is due to the sprint property development where we are outfalling our system C, which needs to go through a time evaluation process.

Should you have any questions, feel free to contact me.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Murthy Made'.

Murthy Made, P.E., PMP, ENV SP  
Project Manager  
Isani Consultants, LP

May 19, 2025

**“EXHIBIT A” – Scope of Services**

**Old Richmond Road – From 400’ North of Voss Road to Boss Gaston Road**

**FBC Project #20409, Precinct 3 & 4**

Fort Bend County has requested a proposal for a **Drainage Analysis and Final Design Phase Services** for the area west of Old Richmond Road for a ditch along the south of the Sprint property to the Red Gully as option 1 and to the future pond 5 as option 2, as shown in Exhibit C. The project area falls under the Sprint property. Modification to the previously proposed storm system C.

**DRAINAGE (HYDROLOGY & HYDRAULIC ANALYSIS) for Option 1:**

We will perform the following Hydraulic and Hydrologic support services during the design phase.

The scope of services includes the following tasks:

**1. Preparation of Drainage Impact and Mitigation Analysis Report for submission and approval of Fort Bend County Drainage District:**

- Determine existing and proposed condition discharge rates from the proposed roadway alignment and limits within System ‘C’ (outfalling to swale near McKaskle Road). Confirm the limits of the analysis with the preliminary layout for the proposed roadway. Discharge rates for proposed conditions will reflect the change in Tc and change in the roadway system from open ditch to curb and gutter. Additionally, all new areas of Proposed Right-of-Way (ROW) will be accounted for in the drainage calculations.
- Develop hydrographs for existing and proposed conditions within System ‘C’ for design storms and determine required detention volume requirements to offset the increase in peak runoff rates for storms up to the 100-year events. Storms to be evaluated for the analysis will include the 2-year and 100-year events using Atlas 14 rainfall data.
- Perform drainage area delineations for the proposed conditions within System ‘C’ and develop onsite and offsite flow calculations for proposed conditions. Perform extreme event sheet flow analysis.
- Identify all mitigation requirements, including measures needed to eliminate impacts on flow rates and floodplain storage. Such measures may include a proposed detention pond, roadside ditch, floodplain excavation, etc.

- Provide options for detention size, configuration and location if required.

**2. Preparation of Drainage Report:**

- Prepare a written report detailing the assumptions made in the drainage study and hydraulic analysis, the obtained results, and proposed mitigation recommendations. The report will summarize background information, methodology, and results regarding the existing conditions and proposed improvements. Figures, tables, appendices, etc. will be provided to convey relevant information.

**FINAL DESIGN PHASE for Option 1:**

The Design Phase of the project shall consist of the preparation of completely approved construction documents that reflect the Preliminary Engineering Report recommendations accepted by Fort Bend County. The Design shall build upon the framework identified in the Preliminary Engineering Phase and include roadway design, profiles, drainage system, drainage outfalls, culvert replacement, and appurtenances, and details, necessary for a complete design review. The submittal milestones for Fort Bend County shall follow the project schedule as shown in “Exhibit C”.

The Design Submittal shall address all comments from the Preliminary Engineering phase of the project, design phase milestone submittals, and the construction review meetings. The Design Submittal shall include the submittal of the 11” x 17” construction-ready Plans, Specifications, and Cost Estimate (PS&E). The submittal milestone will be 100%.

The design phase shall also include the preparation of Exhibits and Utility Conflict list and coordination with utility companies.

The design phase shall also include the coordination of utilities. The coordination shall include, but is not limited to:

- Depict utilities to a reasonable degree of accuracy on the plan and profile drawings.
- Utility Conflict Table to be updated during the Final Design phase as required. Refer to Appendix C, Fort Bend County Utility Conflict Table template.
- Submit milestone-level drawings to applicable utility companies for their review.

**OPTIONAL ADDITIONAL SERVICES FOR OPTION 2**

### **DRAINAGE (HYDROLOGY & HYDRAULIC ANALYSIS) for Option 2:**

We will perform the following Hydraulic and Hydrologic support services during the design phase.

The scope of services includes the following tasks:

#### **1. Preparation of Drainage Impact and Mitigation Analysis Report for submission and approval of Fort Bend County Drainage District:**

- Determine existing and proposed condition discharge rates from the proposed roadway alignment and limits within System 'C' (outfalling to swale near McKaskle Road). Confirm the limits of the analysis with the preliminary layout for the proposed roadway. Discharge rates for proposed conditions will reflect the change in Tc and the change in the roadway system from open ditch to curb and gutter. Additionally, all new areas of Proposed Right-of-Way (ROW) will be accounted for in the drainage calculations.
- Develop hydrographs for existing and proposed conditions within System 'C' for design storms and determine required detention volume requirements to offset the increase in peak runoff rates for storms up to the 100-year events. Storms to be evaluated for the analysis will include the 2-year and 100-year events using Atlas 14 rainfall data.
- Perform drainage area delineations for the proposed conditions within System 'C' and develop onsite and offsite flow calculations for the proposed conditions. Perform extreme event sheet flow analysis.
- Identify all mitigation requirements, including measures needed to eliminate impacts on flow rates and floodplain storage. Such measures may include a proposed detention pond, roadside ditch, floodplain excavation, etc.
- Provide options for detention size, configuration, and location if required.

#### **2. Preparation of Drainage Report:**

- Prepare a written report detailing the assumptions made in the drainage study and hydraulic analysis, the obtained results, and proposed mitigation recommendations. The report will summarize background information, methodology, and results regarding the existing conditions and proposed improvements. Figures, tables, appendices, etc. will be provided to convey relevant information.

**FINAL DESIGN PHASE for Option 2:**

The Design Phase of the project shall consist of the preparation of completely approved construction documents that reflect the Preliminary Engineering Report recommendations accepted by Fort Bend County. The Design shall build upon the framework identified in the Preliminary Engineering Phase and include roadway design, profiles, drainage system, drainage outfalls, and appurtenances, and details, necessary for a complete design review. The submittal milestones for Fort Bend County shall follow the project schedule as shown in “Exhibit C”.

The Design Submittal shall address all comments from the Preliminary Engineering phase of the project, design phase milestone submittals, and the construction review meetings. The Design Submittal shall include the submittal of the 11”x17” construction ready Plans, Specifications, and Cost Estimate (PS&E). The submittal milestone will be 100%.

The design phase shall also include the preparation of Exhibits and Utility Conflict list and coordination with utility companies.

The design phase shall also include the coordination of utilities. The coordination shall include, but is not limited to:

- Depict utilities to a reasonable degree of accuracy on the plan and profile drawings.
- Utility Conflict Table to be updated during the Final Design phase as required. Refer to Appendix C, Fort Bend County Utility Conflict Table template.
- Submit milestone-level drawings to applicable utility companies for their review.

**"EXHIBIT B" - Compensation for Professional Services**  
**Project Name: Old Richmond Road**  
**Project Limits: From 400' North of Voss to Boss Gaston Road**  
**FBC Project Number: 20409 | Isani Project Number: 21PV104**

BASIC SERVICES FOR OPTION 1		
1	Preliminary Engineering Report - Drainage Analysis (A)	\$ 26,268.00
2	Final Design Phase Services (Lump Sum)	\$ 38,780.00
<b>TOTAL FOR BASIC SERVICES FOR OPTION 1 (1-2)</b>		<b>\$ 65,048.00</b>
OPTIONAL SERVICES FOR OPTION 2		
3	Preliminary Engineering Report - Drainage Analysis for Option 2	\$ 17,803.00
4	Final Design Phase Services (Lump Sum) for Option 2	\$ 26,875.00
<b>TOTAL FOR BASIC SERVICES FOR OPTION 2 (3-4)</b>		<b>\$ 44,678.00</b>
<b>TOTAL FOR BASIC &amp; OPTIONAL SERVICES (1-4)</b>		<b>\$ 109,726.00</b>

OLD RICHMOND ROAD  
 FROM 400' NORTH OF VOSS ROAD TO OLD RICHMOND ROAD (CURVES TO THE EAST)  
 ISANI CONSULTANTS, L.P. PROPOSAL - MAY 19, 2025  
 PRELIMINARY DESIGN LEVEL OF EFFORT FOR OPTION 1



EXHIBIT B

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Graduate Engineer	CAD Technician	Admin	Total Labor Hrs & Costs	Total	
Contract Rate Per Hour		\$240.00	\$185.00	\$165.00	\$150.00	\$120.00	\$105.00	\$84.00			
NO.	LEVEL OF EFFORT: TASK LIST	LEVEL OF EFFORT (ESTIMATED HOURS)									
PRELIMINARY DESIGN											
DRAINAGE ANALYSIS (H&H) (TASK A)											
1	Review of data including survey, record drawings, site visits and other information		4		6	6			16	\$ 2,360.00	
2	Delineate all sub-drainage areas contributing to project limits		2	2	2	4			10	\$ 1,480.00	
3	Perform Hydrologic calculations for Existing Conditions based on Atlas 14 data		2	2	4	6			14	\$ 2,020.00	
4	Develop Hydraulic model for Existing Conditions based on Atlas 14 data		4	2	4	6			16	\$ 2,390.00	
5	Determine Change in 2-yr and 100-yr flows for change in Tc and New Imperviousness, Validate Drainage Boundaries and hydrologic calculations		2	2	2	4	2		12	\$ 1,690.00	
6	Determine Detention Volume based on ROW, hydrographs and physical constraints		2	2	4	4			12	\$ 1,780.00	
7	Develop Preliminary Proposed Alternatives and Hydraulic models		4	2	6	8			20	\$ 2,930.00	
8	Perform Mitigation Analysis and Finalize models		2	2	4	4			12	\$ 1,780.00	
9	Prepare OPCC		2	2	4				8	\$ 1,300.00	
10	Prepare and Present Preliminary Findings to Fort Bend County Engineering Department/Drainage District		2	2	4	4			12	\$ 1,780.00	
11	Prepare Exhibits and Appendices required for the Drainage Report			2	4	6	4		16	\$ 2,070.00	
12	Prepare Drainage Impact and Mitigation Analysis Report for Fort Bend County Engineering Department/Drainage District Submittal	1	2	4	6	8		2	23	\$ 3,298.00	
13	Submit the Drainage Report with Roadway to Fort Bend County Engineering Department and Fort Bend County Drainage District	1	2		2	4			9	\$ 1,390.00	
SHEETS/HOURS SUB-TOTALS			2	30	24	52	64	6	2	180	
TOTAL LABOR COSTS			\$480.00	\$5,550.00	\$3,960.00	\$7,800.00	\$7,680.00	\$630.00	\$168.00	\$ 26,268.00	
% DISTRIBUTION OF STAFFING			1.11%	16.67%	13.33%	28.89%	35.56%	3.33%	1.11%	100.00%	
<b>SUBTOTAL (TASK A)</b>										<b>\$ 26,268.00</b>	

**OLD RICHMOND ROAD**  
**FROM 400' NORTH OF VOSS ROAD TO OLD RICHMOND ROAD (CURVES TO THE EAST)**  
**ISANI CONSULTANTS, L.P. PROPOSAL - MAY 19, 2025**  
**FINAL DESIGN LEVEL OF EFFORT FOR OPTION 1**



**EXHIBIT B**

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Graduate Engineer	CAD Technician	Admin	Total Labor Hrs & Costs	Total	
Contract Rate Per Hour		\$240.00	\$185.00	\$165.00	\$150.00	\$120.00	\$105.00	\$84.00			
<b>NO. LEVEL OF EFFORT: TASK LIST</b>		<b>LEVEL OF EFFORT (ESTIMATED HOURS)</b>									
<b>FINAL DESIGN</b>											
<b>DRAINAGE DESIGN (TASK B)</b>											
1	Drainage Area Maps	4		2	4	8	12	16		42	\$ 5,350.00
2	Hydraulic Data Sheets	2		2	4	6	6	8		26	\$ 3,490.00
3	Horizontal and Vertical Design/Alignments (Storm)		2	2	4	12	24			44	\$ 6,190.00
4	Drainage Plan and Profile Sheets (Included with Roadway Plan and Profile Sheets)	6		3	4	8	12	20		47	\$ 5,955.00
5	Drainage System Connections	2		2	4	8	8	12		34	\$ 4,450.00
6	Cross Sections at 100-foot Intervals	4	2	2	4	12	8	12		40	\$ 5,530.00
7	Standard Details/Drawings	2		1		2	2	2		7	\$ 935.00
8	Specifications and Construction Cost Estimate			2		4	6			12	\$ 1,690.00
	<b>SHEETS SUB-TOTALS</b>	<b>20</b>	<b>4</b>	<b>16</b>	<b>24</b>	<b>60</b>	<b>78</b>	<b>70</b>		<b>252</b>	
	<b>TOTAL LABOR COSTS</b>		<b>\$960.00</b>	<b>\$2,960.00</b>	<b>\$3,960.00</b>	<b>\$9,000.00</b>	<b>\$9,360.00</b>	<b>\$7,350.00</b>			<b>\$ 33,590.00</b>
	<b>% DISTRIBUTION OF STAFFING</b>		<b>1.59%</b>	<b>6.35%</b>	<b>9.52%</b>	<b>23.81%</b>	<b>30.95%</b>	<b>27.78%</b>		<b>100.00%</b>	
	<b>SUBTOTAL (TASK B)</b>										<b>\$ 33,590.00</b>
<b>STORM WATER POLLUTION PREVENTION PLANS (TASK C)</b>											
1	Storm Water Pollution Prevention Plans	2		2	4	6	8	8		28	\$ 3,730.00
2	SWPPP Specifications and Construction Cost Estimate			1		2	4			7	\$ 965.00
3	Standard Details/Drawings	1				1	2	1		4	\$ 495.00
	<b>SHEETS/HOURS SUB-TOTALS</b>	<b>3</b>		<b>3</b>	<b>4</b>	<b>9</b>	<b>14</b>	<b>9</b>		<b>39</b>	
	<b>TOTAL LABOR COSTS</b>			<b>\$555.00</b>	<b>\$660.00</b>	<b>\$1,350.00</b>	<b>\$1,680.00</b>	<b>\$945.00</b>			<b>\$ 5,190.00</b>
	<b>% DISTRIBUTION OF STAFFING</b>			<b>7.69%</b>	<b>10.26%</b>	<b>23.08%</b>	<b>35.90%</b>	<b>23.08%</b>		<b>100.00%</b>	
	<b>SUBTOTAL (TASK C)</b>										<b>\$ 5,190.00</b>
<b>TOTAL ESTIMATE FOR FINAL DESIGN PHASE SERVICES</b>										<b>\$ 38,780.00</b>	

OLD RICHMOND ROAD  
 FROM 400' NORTH OF VOSS ROAD TO OLD RICHMOND ROAD (CURVES TO THE EAST)  
 ISANI CONSULTANTS, L.P. PROPOSAL - MAY 19, 2025  
 PRELIMINARY DESIGN LEVEL OF EFFORT FOR OPTION 2 (OPTIONAL SERVICES)



EXHIBIT B

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Graduate Engineer	CAD Technician	Admin	Total Labor Hrs & Costs	Total	
Contract Rate Per Hour		\$240.00	\$185.00	\$165.00	\$150.00	\$120.00	\$105.00	\$84.00			
NO.	LEVEL OF EFFORT: TASK LIST	LEVEL OF EFFORT (ESTIMATED HOURS)									
PRELIMINARY DESIGN											
DRAINAGE ANALYSIS (H&H) (TASK A)											
1	Review of data including survey, record drawings, site visits and other information		2		4	4			10	\$ 1,450.00	
2	Delineate all sub-drainage areas contributing to project limits		2	1	1	2			6	\$ 925.00	
3	Perform Hydrologic calculations for Existing Conditions based on Atlas 14 data		2	1	4	4			11	\$ 1,615.00	
4	Develop Hydraulic model for Existing Conditions based on Atlas 14 data		2	2	2	4			10	\$ 1,480.00	
5	Determine Change in 2-yr and 100-yr flows for change in Tc and New Imperviousness, Validate Drainage Boundaries and hydrologic calculations		1	1	1	2	2		7	\$ 950.00	
6	Determine Detention Volume based on ROW, hydrographs and physical constraints		2	2	4	4			12	\$ 1,780.00	
7	Develop Preliminary Proposed Alternatives and Hydraulic models		2	2	4	6			14	\$ 2,020.00	
8	Perform Mitigation Analysis and Finalize models		2	2	2	2			8	\$ 1,240.00	
9	Prepare OPCC		1	1	2				4	\$ 650.00	
10	Prepare and Present Preliminary Findings to Fort Bend County Engineering Department/Drainage District		1	1	2	2			6	\$ 890.00	
11	Prepare Exhibits and Appendices required for the Drainage Report			2	2	4	4		12	\$ 1,530.00	
12	Prepare Drainage Impact and Mitigation Analysis Report for Fort Bend County Engineering Department/Drainage District Submittal	1	2	4	2	6		2	17	\$ 2,458.00	
13	Submit the Drainage Report with Roadway to Fort Bend County Engineering Department and Fort Bend County Drainage District	1	1		1	2			5	\$ 815.00	
SHEETS/HOURS SUB-TOTALS			2	20	19	31	42	6	2	122	
TOTAL LABOR COSTS			\$480.00	\$3,700.00	\$3,135.00	\$4,650.00	\$5,040.00	\$630.00	\$168.00		\$ 17,803.00
% DISTRIBUTION OF STAFFING			1.64%	16.39%	15.57%	25.41%	34.43%	4.92%	1.64%	100.00%	
<b>SUBTOTAL (TASK A)</b>											<b>\$ 17,803.00</b>

**OLD RICHMOND ROAD**  
**FROM 400' NORTH OF VOSS ROAD TO OLD RICHMOND ROAD (CURVES TO THE EAST)**  
**ISANI CONSULTANTS, L.P. PROPOSAL - MAY 19, 2025**  
**FINAL DESIGN LEVEL OF EFFORT FOR OPTION 2 (OPTIONAL SERVICES)**



**EXHIBIT B**

Employee Classification	No. of Sheets	Principal	Project Manager	QA/QC Engineer	Project Engineer	Graduate Engineer	CAD Technician	Admin	Total Labor Hrs & Costs	Total	
Contract Rate Per Hour		\$240.00	\$185.00	\$165.00	\$150.00	\$120.00	\$105.00	\$84.00			
<b>LEVEL OF EFFORT (ESTIMATED HOURS)</b>											
<b>FINAL DESIGN</b>											
<b>DRAINAGE DESIGN (TASK B)</b>											
1	Drainage Area Maps	2		1	4	6	6	12		29	\$ 3,725.00
2	Hydraulic Data Sheets	2		2	4	6	4	8		24	\$ 3,250.00
3	Horizontal and Vertical Design/Alignments (Storm)		1	2	4	8	16			31	\$ 4,390.00
4	Drainage Plan and Profile Sheets (Included with Roadway Plan and Profile Sheets)	4		2	2	6	8	12		30	\$ 3,820.00
5	Drainage System Connections	2		2	2	6	4	6		20	\$ 2,710.00
6	Cross Sections at 100-foot Intervals	2	1	2	2	8	4	6		23	\$ 3,250.00
7	Standard Details/Drawings	2		1		2	2	2		7	\$ 935.00
8	Specifications and Construction Cost Estimate			2		2	4			8	\$ 1,150.00
	<b>SHEETS SUB-TOTALS</b>	<b>14</b>	<b>2</b>	<b>14</b>	<b>18</b>	<b>44</b>	<b>48</b>	<b>46</b>		<b>172</b>	
	<b>TOTAL LABOR COSTS</b>		<b>\$480.00</b>	<b>\$2,590.00</b>	<b>\$2,970.00</b>	<b>\$6,600.00</b>	<b>\$5,760.00</b>	<b>\$4,830.00</b>			<b>\$ 23,230.00</b>
	<b>% DISTRIBUTION OF STAFFING</b>		<b>1.16%</b>	<b>8.14%</b>	<b>10.47%</b>	<b>25.58%</b>	<b>27.91%</b>	<b>26.74%</b>		<b>100.00%</b>	
	<b>SUBTOTAL (TASK B)</b>										<b>\$ 23,230.00</b>
<b>STORM WATER POLLUTION PREVENTION PLANS (TASK C)</b>											
1	Storm Water Pollution Prevention Plans	1		2	2	4	6	6		20	\$ 2,650.00
2	SWPPP Specifications and Construction Cost Estimate			1		2	2			5	\$ 725.00
3	Standard Details/Drawings	1				1	1			2	\$ 270.00
	<b>SHEETS/HOURS SUB-TOTALS</b>	<b>2</b>		<b>3</b>	<b>2</b>	<b>7</b>	<b>9</b>	<b>6</b>		<b>27</b>	
	<b>TOTAL LABOR COSTS</b>			<b>\$555.00</b>	<b>\$330.00</b>	<b>\$1,050.00</b>	<b>\$1,080.00</b>	<b>\$630.00</b>			<b>\$ 3,645.00</b>
	<b>% DISTRIBUTION OF STAFFING</b>			<b>11.11%</b>	<b>7.41%</b>	<b>25.93%</b>	<b>33.33%</b>	<b>22.22%</b>		<b>100.00%</b>	
	<b>SUBTOTAL (TASK C)</b>										<b>\$ 3,645.00</b>
<b>TOTAL ESTIMATE FOR FINAL DESIGN PHASE SERVICES</b>										<b>\$ 26,875.00</b>	

**EXHIBIT C  
SUPPLEMENTAL PROPOSAL LIMITS**



FL:73-ft (Approx.)

Option 1

Option 2

DETENTION POND  
(BY OTHERS)

OUTFALL TO POND (BY OTHERS)  
FLOWS FROM OLD RICHMOND RD  
5-YR FLOW=120CFS  
100-YR FLOW=179 CFS

PROP 74 LF  
72" CMP

PROP JB-1

PROP 480 LF  
66" RCP

PROP JB-2

PROP 220 LF  
66" RCP

PROP JB-10

PROP JB-3

PROP 5' X3' RCB

PROP 5' X3' RCB

PROP JB-11

PROP 2-36" RCP

20' KINDER MORGAN  
PIPELINE EASEMENT

30' ENERGY TRANSFER  
PIPELINE EASEMENT

PROP ROADSIDE DITCH

PROP. R.O.W.

EX. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

NO.	REVISIONS	DATE	NAME

**FORT BEND COUNTY  
ENGINEERING DEPARTMENT**



**ISANI**

with design engineers  
10448 Westoffice Drive  
Houston, TX 77042  
P 713 747 2399 F 713 748 3748  
TBPE Firm Registration #4575

PROJECT TITLE		DRW NO.
DRW BY:	K.S.	400' N OF VOSS ROAD TO BOSS GASTON ROAD
DRW DATE:	M.M.	21P104
SHEET DESCRIPTION		FILE NAME:
DRAINAGE OUTFALL EXHIBIT		FILE NO:
SCALE:	1"=200'	SHEET NO:
DATE:	11/22/2024	APPROVED BY:
M.M.		

