



December 10, 2021

Fort Bend County Public Infrastructure Department
Engineering Department
301 Jackson Street
Richmond, Texas 77469

Attn: Kevin Mineo, P.E.

Reference: Engineering Services- Preliminary, Design & Contract Phase Engineering
Agreement for Richmond St
From Main St to 1000' north of Fairchilds Creek
Purchase Order No.: **202318**

Subject: Invoice No. 12619
November 01, 2021 To November 30, 2021 Services

Amount: \$ 80,006.46

Mail Payments to: IDCUS Inc.
15915 Katy Freeway, Suite 300
Houston, Texas 77094

This Invoice is certified True and Correct.

Sincerely,
IDCUS Inc.

A handwritten signature in blue ink, appearing to read "Larry F. Janak".

Larry F. Janak, P.E.
President & CEO



15915 Katy Freeway, #300
Houston, TX. 77094
(713) 541-5591

Fort Bend County Mobility Project - Richmond St
From FM 360 (Main St.) to 1000 ft north of Fairchilds Creek
Fort Bend County 2020 Mobility Bond Program - Project No. 20118
Attn: Kevin A. Mineo

Invoice Date: 12/10/2021
IDCUS Project No. 402-0750
Invoice No. 12619
Purchase Order No. 20318

Service Period: November 01, 2021 to November 30, 2021

Authorized Value: \$637,213.00
Optional Services: \$32,066.00
Contract Value: \$669,279.00

SUMMARY	Authorized Amount	Authorized Amount Remaining	Percentage Complete (%)	Invoiced To Date	Total Previously Invoiced	This Invoice (Net)
IDCUS INC						
Phase I - Preliminary Design Services	\$158,097.00	\$63,239	60.00%	\$94,858.20	\$66,400.74	\$28,457.46
TASK SUBTOTAL	\$158,097.00	\$63,239	60.00%	\$94,858.20	\$66,400.74	\$28,457.46
Phase II - Final Design Services	\$183,588.00	\$183,588	0.00%	\$0.00	\$0.00	\$0.00
TASK SUBTOTAL	\$183,588.00	\$183,588	0.00%	\$0.00	\$0.00	\$0.00
Phase III - Bid & Construction Phase Services (Time & Material)	\$16,098.00	\$16,098	0.00%	\$0.00	\$0.00	\$0.00
TASK SUBTOTAL	\$16,098.00	\$16,098	0.00%	\$0.00	\$0.00	\$0.00
Miscellaneous Services - Reproduction	\$2,500.00	\$2,250	10.00%	\$250.00	\$0.00	\$250.00
TASK SUBTOTAL	\$2,500.00	\$2,250	10.00%	\$250.00	\$0.00	\$250.00
Optional Services - Public Utility Design	\$18,750.00	\$18,750	0.00%	\$0.00	\$0.00	\$0.00
TASK SUBTOTAL	\$18,750.00	\$18,750	0.00%	\$0.00	\$0.00	\$0.00
SUB-CONSULTANTS FEES						
Phase I - Preliminary Design Services						
PAPE-DAWSON - SURVEYING	\$73,350.00	\$7,224	90.15%	\$66,126.31	\$66,126.31	\$0.00
ASSOCIATED TESTING LABORATORIES - GEOTECHNICAL	\$60,740.00	\$21,257	65.00%	\$39,483.00	\$0.00	\$39,483.00
LJA ENGINEERING INC. - BRIDGE DESIGN	\$5,000.00	\$0	100.00%	\$5,000.00	\$0.00	\$5,000.00
SUB-CONSULTANT PHASE I TASK TOTAL	\$139,090.00	\$28,481	79.52%	\$110,609.31	\$66,126.31	\$44,483.00
Phase II - Final Design Services						
HALFF - TCP & SPM DESIGN	\$77,520.00	\$77,520	0.00%	\$0.00	\$0.00	\$0.00
LJA ENGINEERING INC - BRIDGE DESIGN	\$52,000.00	\$52,000	0.00%	\$0.00	\$0.00	\$0.00
SUB-CONSULTANT PHASE II TASK TOTAL	\$129,520.00	\$129,520	0.00%	\$0.00	\$0.00	\$0.00
Phase III - Bid & Construction Phase Services (Time & Material)						
HALFF - TCP & SPM DESIGN	\$3,320.00	\$3,320	0.00%	\$0.00	\$0.00	\$0.00
LJA ENGINEERING INC - BRIDGE DESIGN	\$5,000.00	\$5,000	0.00%	\$0.00	\$0.00	\$0.00
SUB-CONSULTANT PHASE III TASK TOTAL	\$8,320.00	\$8,320	0.00%	\$0.00	\$0.00	\$0.00
Optional Services						
PAPE-DAWSON - CONSTRUCTION STAKING	\$6,500.00	\$6,500	0.00%	\$0.00	\$0.00	\$0.00
ASSOCIATED TESTING LABORATORIES - ALLOWANCES	\$6,816.00	\$0	100.00%	\$6,816.00	\$0.00	\$6,816.00
SUB-CONSULTANT OPTIONAL TASK TOTAL	\$13,316.00	\$6,500	0.00%	\$0.00	\$0.00	\$6,816.00
TOTAL AMOUNT DUE THIS INVOICE (IDCUS & SUB-CONSULTANTS)						\$80,006.46
Total Previously Invoiced Amount:					\$132,527.05	
Total Invoiced to Date:					\$212,533.51	
Total Project Percent Complete:					31.76%	
Authorized Amount Remaining:					\$424,679.49	
Contract Amount Remaining:					\$456,745.49	



FORT BEND COUNTY – RICHMOND ST
From Main St (FM 360) to 1000 ft north of Fairchild Creek
Fort Bend County 2020 Mobility Bond Program – Project No. 20118
PROGRESS REPORT for Pay Estimate # 04
November 1, 2021 – November 30, 2021

PRE-DESIGN PHASE

Project Coordination/Management

1. Project Management & Coordination with Subconsultants
2. Attend bi-weekly progress meetings with Fort Bend County GEC.

Investigate Existing Conditions

1. Continue to review preliminary topo survey & ROW.
2. Continue to review, evaluate & ID utility conflicts with proposed pavements.

Preliminary Engineering

1. Coordinated with subconsultant on preliminary bridge layout.
2. Continue to coordinate with drainage group to adjust proposed roadway profile as necessary.
3. Prepared TCP typical sections, detours, narrative, and roll plot.
4. Continue to work on PER report.
5. Continue to work on proposed drainage model and detention pond
6. Continue to work on drainage report.

Outstanding Issues

1. Complete PER including drainage study.



3143 Yellowstone Blvd., Houston, Texas 77054 Tel: (713) 748-3717 Fax: (713) 748-3748

INVOICE # 1

Date: July 8, 2021
Project No: G2020-157
Invoice No: GI21-064

Client: Mr. Hung Nyguen
IDCUS
15915 Katy Freeway Suite 300
Houston, Texas 77094

Project: Proposed HCFCF Channel Improvements
Reconstruction Richmond Road - From FM 360 (Main Street)
to Creek 1000-ft of North
Fort Bend County, Texas

Amount Authorized Not to Exceed:	\$67,556.00
Amount Remaining	\$21,257.00
Current Invoice # 1	\$46,299.00

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

Nutan Palla, Ph.D., P.E.
Director, Geotechnical Services

Geotechnical Investigation Proposal

Richmond Road - From FM 360 (Main Street) to Creek 1000-ft of North

Fort Bend County, Texas

ATL Proposal No. GP21-0305

May 25, 2021

Invoice 1

Borings: 2@85', 10@15', (320 LF); Piezometers: 1@50' (50 LF)

A. FIELD EXPLORATION	Qty.	Unit	Unit Rate	Amount
Mobilization/Demobilization (Truck Rig)	1	LS	\$500.00	\$500.00
Technician for Staking, Utilities Clearance, Coordination	16	hrs.	\$50.00	\$800.00
Soil Drilling and Sampling (continuous 20 ft.)	190	ft.	\$25.00	\$4,750.00
Soil Drilling and Sampling (continuous; >50')	0	ft.	\$24.00	\$0.00
Soil Drilling and Sampling (intermittent 20 to 50 ft)	60	ft.	\$23.00	\$1,380.00
Soil Drilling and Sampling (intermittent; over 50')	70	ft.	\$25.00	\$1,750.00
THD Texas Cone Penetrometer Test Sampling	0	ea.	\$31.00	\$0.00
Grouting Holes	320	ft.	\$8.00	\$2,560.00
Piezometer Installation	50	ft.	\$16.00	\$800.00
Piezometer Abandonment	50	ft.	\$14.00	\$700.00
24-Hour, 7- and 30-day PZ Water Level Readings	8	hrs.	\$50.00	\$400.00
Vehicle Charge	8	hrs.	\$10.00	\$80.00
				\$13,720.00
B. GEOTECHNICAL LABORATORY TESTING	Qty.	Unit	Unit Rate	Amount
Moisture Content (ASTM D-2216)	118	ea.	\$9.00	\$1,062.00
Atterberg Limits (ASTM D-4318)	55	ea.	\$60.00	\$3,300.00
Passing No. 200 Sieve (ASTM D-1140)	63	ea.	\$46.00	\$2,898.00
Unconfined Compression (ASTM D-2166)	9	ea.	\$44.00	\$396.00
Unconsolidated-Undrained Triaxial Test (ASTM D-2850)	53	ea.	\$61.00	\$3,233.00
Consolidated-Undrained Triaxial Test (ASTM D-4767) *3-stage w/3 samples/set	2	sets	\$1,800.00	\$3,600.00
Double Hydrometer Tests (ASTM D-4221), with D ₉₀ and D ₅₀	0	ea.	\$250.00	\$0.00
Crumb Tests (ASTM D-6572)	10	ea.	\$43.00	\$430.00
Specific Gravity (ASTM D 854)	2	ea.	\$67.00	\$134.00
		SUBTOTAL		\$15,053.00
C. ANALYSES & REPORT PREPARATION	Qty.	Unit	Unit Rate	Amount
Senior Engineer-Project Manager (P.E.)	4	hrs.	\$150.00	\$600.00
Project Engineer (P.E.)	36	hrs.	\$105.00	\$3,780.00
Civil Engineer	30	hrs.	\$83.00	\$2,490.00
Draftsman	32	hrs.	\$60.00	\$1,920.00
Word Processor	32	hrs.	\$60.00	\$1,920.00
		SUBTOTAL		\$10,710.00
D. ALLOWANCES	Qty.	Unit	Unit Rate	Amount
Mobilization/Demobilization (ATV rig), Surcharge	0	LS	\$132.00	\$0.00
Soil Drilling and Sampling (Surcharge for drilling using ATV rig)	0	ft.	\$6.00	\$0.00
Pavement Coring and Patching (up to 6 inches thick)	14	ea.	\$90.00	\$1,260.00
Pavement Coring and Patching (> 6 inches thick)	84	in.	\$9.00	\$756.00
Traffic Control Equipment (low volume traffic)	0	days	\$122.00	\$0.00
Peace Officer	40	hrs.	\$60.00	\$2,400.00
Flagman	80	hrs.	\$30.00	\$2,400.00
		SUBTOTAL		\$6,816.00
Invoice 1				\$46,299.00



3600 W Sam Houston Pkwy S
Suite 600
Houston, TX 77042

Phone 713.953.5200
Fax 713.953.5026
www.lja.com

December 01, 2021

Invoice No: 202127446

For services through 11/26/2021

Bill To:

Hung Nguyen
IDCUS, Inc.
15975 Katy Freeway
Suite 300
Houston, TX 77074

Questions about the invoice?

Please email Billing@lja.com

Questions about the payment?

Please email AR@lja.com

Project No: 3886-2101

Richmond Street Bridge

Fixed Fee Phases	Contract Amount	Percent Complete	Billed To Date	Previous Billed	Current Billed
110.1 Preliminary Engineering Draft	\$5,000.00	100.00	\$5,000.00	\$0.00	\$5,000.00
160.1 Bridge Detailed Design	\$52,000.00	0.00	\$0.00	\$0.00	\$0.00
Subtotals	\$57,000.00		\$5,000.00	\$0.00	\$5,000.00
Total Fixed Fees					\$5,000.00

TOTAL AMOUNT DUE \$5,000.00

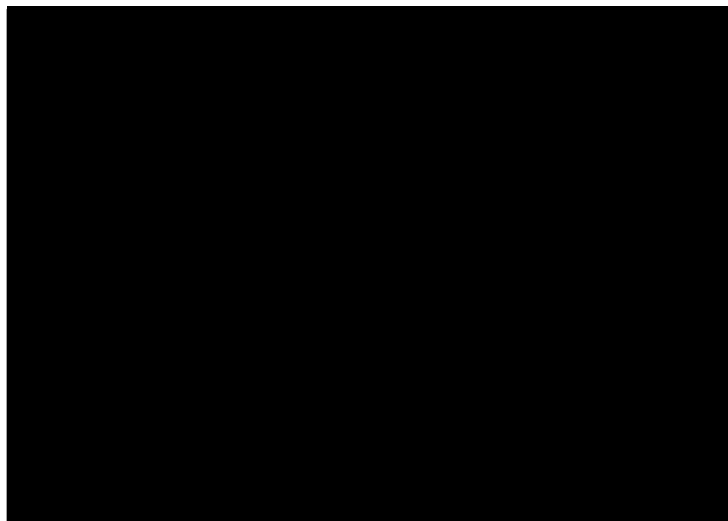
	Current	Previous	Total
BTD for Total Project	\$5,000.00	\$0.00	\$5,000.00

Approved By: _____

James R. Baker

Mail checks payable to:

LJA Engineering, Inc.
DEPT. 803
P.O. BOX 4346
Houston, TX 77210-4346





1904 W Grand Parkway N, Suite 100, Katy, Texas 77449
t 713.953.5200 f 713.953.5026 LJA.com TBPE F-1386

Richmond St Progress Report -November 2021

The following tasks were performed:

Task 110 Preliminary Engineering Draft

- Coordinated with Prime
- Prepared preliminary Bridge Layouts for 2 option, bridge and culverts.