

**SUPPLEMENTAL AGREEMENT NO. 2
TO
ENGINEERING SERVICES AGREEMENT OF
OCTOBER 22, 2019
FOR
FORT BEND COUNTY TOLL ROAD AUTHORITY**

This Supplemental Agreement is signed in multiple counterparts to be effective on the date approved by the Fort Bend County Commissioners Court, and modifies the ENGINEERING SERVICES AGREEMENT dated October 22, 2019 (the “Agreement”) between the Fort Bend County Toll Road Authority, a Texas Local Government Corporation (the “Authority”), and IDCUS, Inc. (the “Engineer”).

The Agreement is hereby modified as follows:

1. The first sentence in Section 1 is replaced with the following sentence:

“The Engineer shall render professional services to FBCTRA related to the Project as defined in the Scope of Services in Attachment A, Attachment A-1 & Attachment A-2.”

2. Section 2.a is replaced with the following paragraphs:

“The Maximum Compensation under this Agreement is \$1,055,036.13. The amount paid under this Agreement may not exceed the Maximum Compensation without an approved supplemental agreement.

Compensation for the performance of services within the Scope of Services described in Attachment A will be paid as a lump sum amount not to exceed \$860,876.42, as shown in Attachment B.

Compensation for the performance of services within the Scope of Services described in Attachment A-1 will be paid as a lump sum amount not to exceed \$134,347.73, as shown in Attachment B-1.

Compensation for the performance of services within the Scope of Services described in Attachment A-2 will be paid as a lump sum amount not to exceed \$59,811.98, as shown in Attachment B-2.

The Engineer shall furnish satisfactory documentation of such work (e.g. timesheets, billing rates, classifications, invoices, etc.) as may be required by FBCTRA.”

This Supplemental Agreement does not alter, modify, or otherwise change any part of the Agreement, except as specifically stated in this Supplemental Agreement.

Supplemental Agreement No. 2
To Agreement of October 22, 2019

IN WITNESS WHEREOF, this Supplemental Agreement is hereby executed as of _____.

FORT BEND COUNTY TOLL ROAD AUTHORITY, a
Texas local government corporation

By: _____

Name: _____

Title: _____

IDCUS, Inc.
ENGINEER

By: _____

Name: _____

Title: _____

EFFECTIVE DATE

THIS AGREEMENT IS EFFECTIVE ON THE DATE IT IS APPROVED BY THE FORT BEND COUNTY COMMISSIONERS COURT, AND IF NOT SO APPROVED SHALL BE NULL AND VOID.

DATE OF COMMISSIONERS COURT APPROVAL: _____

AGENDA ITEM NO.: _____

ATTACHMENT A-2 SCOPE OF SERVICES

**Supplement No. 2
Date: 08-17-2020**

SERVICES PROVIDED BY THE ENGINEER:

**Preliminary Engineering, Final Design & PS&E
Fort Bend Parkway Segment B2 / Section B
From west of Sienna Parkway to Sienna Ranch Road
From Station 925+00 to Station 981+50)**

The work to be performed by the Engineer under this supplement No. 2 scope of work consists of providing additional services for various engineering design and coordination services for the STA 925+00 to Sienna Ranch Road. These **additional services** include preparing plans, specifications and estimates for two existing 16-inch waterlines adjustments which cross Fort Bend Parkway Toll Road Segment B-2 at Station 958+00 for approximately 400 feet, one existing 8" force main adjustment which crosses Segment B-2 at Station 958+00 for approximately 400 feet and one existing 8" force main adjustment which crosses at Sienna Ranch Rd. for approximately 300 feet. These revisions are necessary to accommodate proposed ditches and ramps along proposed Fort Bend Parkway Toll Road Segment B-2.

TASK DESCRIPTIONS AND FUNCTION CODES

FC 130 (130) – ROW DATA

The engineer shall provide the following additional services:

130.1. Utility Adjustments: The Engineer will prepare plans, details, specifications and cost estimates for waterline adjustment and force main adjustment. The design work will include the following:

- A. Data Collection and Coordination with Utility Owner/GEC
- B. The Design Work will include Waterline Adjustment Sheets listed below:
 - Waterline Plan/Profiles (2 Sheets)
 - Waterline Detail Sheets (2 Sheets)
 - Force main Plan/Profiles (4 Sheets)
 - Force main Detail Sheets (2 Sheets)
 - Waterline Summary Sheet (1 Sheet)
 - Force main Summary Sheet (1 Sheet)
- C. Prepare specification lists and general notes for the utility adjustments.

- D. Prepare cost estimates for the Utility Adjustments.
- E. Perform QC/QA for the Waterline and Sanitary Sewer Adjustment plans, details, and cost estimates.

FUNCTION CODE 145(145, 164) – MANAGING CONTRACTED/DONATED PE PROJECT MANAGEMENT AND ADMINISTRATION

Project Management and Coordination. The Engineer shall perform the following Additional Services:

- A. Coordination with MUD District/GEC/Missouri City in preparing and finalizing the waterline and force main adjustments plans, details, specifications, and estimates. This will include up to two (2) meetings MUD District/GEC/Missouri City.

Deliverables

Plans

The Engineer shall provide the above design with the 90%, 95%, and 100% submittals.

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	ENGINEERING IN TRAINING	SENIOR ENGINEERING TECHNICIAN	SENIOR CADD OPERATOR	JUNIOR CADD OPERATOR	ADMIN / CLERICAL	TOTAL LABOR HOURS & COSTS	NO OF DRAWINGS	LABOR HOURS PER SHEET
UTILITY DESIGN:												
DATA COLLECTION & FIELD RECONNAISSANCE	1	4		12						17	N/A	N/A
PREPARING WATERLINE GENERAL & CONSTRUCTION NOTES	2	6		6		10				24	1	24
PREPARING FORCEMAIN GENERAL & CONSTRUCTION NOTES	2	6		6		10				24	1	24
PREPARING WATERLINE PLAN AND PROFILE at Sta. 958+00 (Approx 400 LF)	4	12		24		40				80	2	40
PREPARING WATERLINE STANDARD DETAILS	2	4		8		8				22	2	11
PREPARING 8-INCH FORCEMAIN PLAN AND PROFILE at Sta. 958+00 (Approx 400 LF)	4	10		20		40				74	2	37
PREPARING 8-INCH FORCEMAIN PLAN AND PROFILE at Sienna Ranch Rd. (Approx 300 LF)	4	8		16		40				68	2	34
PREPARING 8-INCH FORCEMAIN STANDARD DETAILS	2	4		8		8				22	2	11
QUANTITY SUMMARY AND COST ESTIMATE	2	4		12		10				28	2	14
HOURS SUB-TOTALS	23	58	0	112	0	166	0	0	0	359		
CONTRACT RATE PER HOUR	\$213.94	\$189.02	\$155.60	\$127.40	\$97.49	\$155.42	\$97.40	\$68.00	\$112.00			
TOTAL LABOR COSTS	\$4,920.62	\$10,963.16	\$0.00	\$14,268.80	\$0.00	\$0.00	\$16,168.40	\$0.00	\$0.00	\$46,320.98		
SUBTOTAL										\$46,320.98		

TASK DESCRIPTION	PROJECT MANAGER	SENIOR ENGINEER	PROJECT ENGINEER	DESIGN ENGINEER	ENGINEERING IN TRAINING	SENIOR ENGINEERING TECHNICIAN	SENIOR CADD OPERATOR	JUNIOR CADD OPERATOR	ADMIN / CLERICAL	TOTAL LABOR HOURS & COSTS	NO OF DRAWINGS	LABOR HOURS PER SHEET
PROJECT MANAGEMENT AND ADMINISTRATION												
PROJECT MANAGEMENT & COORDINATION WITH MUD District/GEC/Missouri City	8	8		8						24	N/A	N/A
PERFORM QA/QC OF PLANS (90%, 95% & 100%)	4	8								12	N/A	N/A
PREPARE PROJECT DELIVERABLES												
90% SUBMITTAL PREPARATION	2	8								10	N/A	N/A
95% SUBMITTAL PREPARATION	2	10								12	N/A	N/A
100% SUBMITTAL PREPARATION	2	10								12	N/A	N/A
HOURS SUB-TOTALS	18	44	0	8	0	0	0	0	0	70		
CONTRACT RATE PER HOUR	\$213.94	\$189.02	\$155.60	\$127.40	\$97.49	\$155.42	\$97.40	\$68.00	\$112.00			
TOTAL LABOR COSTS	\$3,850.92	\$8,316.88	\$0.00	\$1,019.20	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,187.00		
SUBTOTAL										\$13,187.00		

OTHER DIRECT EXPENSES	UNIT	FIXED COST	MAX COST	AMOUNT
Lodging/Hotels (Taxes)	DAY/PERSON		\$30.00	\$0.00
Lodging/Hotels (w/o Tax) (Current State rate)	DAY/PERSON		\$121.00	\$0.00
Meals (Excluding alcohol & tips) (Current State Rate)	DAY/PERSON		\$93.00	\$186.00
Mileage (4 Trips - to Proj)(current state rate)	MILE	\$0.54	200	\$108.00
Photocopies B/W (11" X 17")	EACH	\$0.20	50	\$10.00
SUBTOTAL DIRECT EXPENSES				\$304.00

SUMMARY	AMOUNT
TOTAL LABOR COSTS FOR IDCUS ONLY	\$59,507.98
NON-SALARY (OTHER DIRECT EXPENSES) FOR IDCUS ONLY	\$304.00
GRAND TOTAL	\$59,811.98