

STATE OF TEXAS §
 §
COUNTY OF FORT BEND §

**SECOND AMENDMENT TO AGREEMENT FOR
PROFESSIONAL ENGINEERING SERVICES – DESIGN**

THIS SECOND 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 IDC, Inc., (hereinafter "Contractor"), a company authorized to conduct business in the State of Texas.

WHEREAS, the parties executed and accepted that certain Agreement for Professional Engineering Services – Design on May 5, 2015, (hereinafter "Agreement") pursuant to SOQ 07-080, as amended by document dated December 20, 2016, (hereinafter "First Amendment"); and

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

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

1. County shall pay Contractor an additional sixty-eight thousand eight hundred sixty-six dollars and 31/100 (\$68,866.31) for the additional services to be rendered under the Agreement as described in the proposal dated May 22, 2017 attached hereto as Exhibit "A" and incorporated herein for all purposes.
2. The Maximum Compensation payable to Contractor for Services rendered is hereby increased to an amount not to exceed two million four hundred fifty-nine thousand nine hundred fifty dollars and 64/100 (\$2,459,950.64), authorized as follows:
 \$2,165,059.00 under the Agreement;
 \$226,025.33 under the First Amendment; and
 \$68,866.31 under this Second 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 an agreement executed by the parties.

Except as provided herein, all terms and conditions of the Agreement and the First Amendment shall remain unchanged.

FORT BEND COUNTY

IDC, INC

Robert E. Hebert, County Judge

Larry F. Janak, PE, Principal

Date

5-26-2016

Date

ATTEST:

Laura Richard, County Clerk

APPROVED:

Richard W. Stolleis, P.E., County Engineer

APPROVED AS TO LEGAL FORM:

Marcus D. Spencer, First Assistant County Attorney

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

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EXHIBIT A



May 22, 2017

Mr. Richard Stolleis, P.E.
Fort Bend County Engineer
301 Jackson St, 4th Floor
Richmond, Texas 77469


Re: FM2759/FM762 (Crabb River Road) Improvements
Final Design and PS&E from Rabbs Bayou to South of LCISD School Complex
Additional Services – Retaining Wall and ROW mapping

Dear Mr. Stolleis:

IDCUS Inc. is pleased to submit its revised proposal to provide additional services for construction of a retaining wall and to subdivide two ROW parcels. The retaining wall will avoid backfilling a pond adjacent to the ROW in the vicinity of Cornerstone Community Bible Church. This change was requested by TxDOT. The two ROW parcels to be subdivided are for a detention pond south of Rabb's Bayou and a pond north of Gapp's slough. This change was requested by the ROW acquisition team. Attached is the scope of work and detailed cost proposal. The cost for this additional work is \$68,866.31.

I am available to discuss at your convenience.

Sincerely,



Larry F. Janak, P.E.
Principal



**ADDITIONAL ENGINEERING SERVICES
SCOPE OF WORK AND FEE SCHEDULE
CONTRACT AMENDMENT NO. 2**

**Crabb River Road PS&E
Retaining Wall Design
5-22-17**

Please find below IDCUS's Proposal to perform additional engineering services to incorporate design changes in the vicinity of the Cornerstone Community Bible Church property. IDCUS was directed by the County to perform the current pond backfill design in Contact Amendment No. 1, approved by the County on December 20, 2016. However, after an on-site meeting on April 11, 2017 including representatives of the church, County engineering, and TxDOT; the County and TxDOT decided it would be better to avoid backfilling the pond. Specifically, IDCUS has been directed to change the design to eliminate acquiring a temporary construction easement to backfill an existing pond partially off the ROW. To avoid impacts to the existing pond, the proposed design will be changed to construct a retaining wall between the pond and proposed roadway.

The church has also requested the median opening location be changed to provide for a south bound left turn into the Church driveway.

In addition, the County has requested that 2 detention pond parcels be subdivided into 2 parcels each.

Additional Engineering Services Scope

1. **Roadway Design:** Revise Roadway sheets to show retaining wall and median opening for left turn lane.
 - a. Revise 1 Typical Section sheet to show retaining wall.
 - b. Revise 2 Roadway Plan & Profile sheets to show retaining wall location and changes to the median opening.
 - c. Coordinate roadway design with retaining wall designer and geotechnical consultant.
2. **Drainage Design:** Revise drainage design to accommodate proposed retaining wall.
 - a. Revise 2 Drainage Plan & Profile sheets to show changes to east ditch profile, and extend culvert approximately 300' through the retaining wall area.
 - b. Revise hydraulic calculations to incorporate extended culvert.
3. **Signing and Pavement Markings Design:** Revise signing and pavement markings to incorporate the new left turn lane
4. **Retaining Wall Design:** Analyze 2 retaining wall alternatives and present to TxDOT and County for selection of preferred alternative. Prepare retaining wall layouts and details for preferred alternative.
5. **TCP at Proposed Retaining Wall:** Revise traffic control plan and sequence of work to incorporate retaining wall.
6. **SW3P at Proposed Retaining Wall:** Revise SW3P plans to incorporate retaining wall
7. **Additional ROW Mapping:** Subdivide 2 detention pond parcels each into 2 new parcels, one at Rabb's Bayou and one at Gapp's Slough.

8. **Geotechnical Investigations for Retaining Walls:** Perform geotechnical investigations to support the retaining wall design.

Additional Engineering Services Fee

The total fee for the aforementioned additional services is \$68,866.31 (See Summary Table below and Attachment B for IDCUS, PB, Huitt Zollars and HTS for itemized fee breakdown).

Summary Table of Exhibit B

IDCUS	FEE
Task I - ROADWAY DESIGN	
Crabb River Road Typical Sections - Revise to incorporate RW	\$1,002.66
Roadway P&P Sheets (1"=50') - Revise to incorporate RW AND LT Lane	\$2,490.57
Coord with RW Designer & Geotech Engr	\$1,797.77
Task II. DRAINAGE DESIGN	
Drainage P&P Sheets (1"=50') - Revise to extend culvert	\$1,999.47
Hydraulic Calculations - Revise culvert calculations	\$833.11
Task III - SIGNING AND PAVEMENT MARKINGS	
Siging and striping Layout (1"=50') - Revise to show LT lane	\$1,075.74
Total for IDCUS	\$9,199.31
Parsons and Brinkerhoff (PB)	
Task 1. Retaining Wall Design	\$36,249.00
Task 2. Revise TCP for RW Construction	\$2,280.00
Task 3. Revise SW3P for RW Construction	\$3,011.00
PB Total	\$41,540.00
Huitt Zollars	
Task 1. Divide Parcel No. 11 - North side of Gap's Slough	\$5,870.00
Task 2. Divide Parcel No. 3 - South side of Rabb's Bayou	\$5,870.00
Huitt Zollars Total	\$11,740.00
HTS	
Task 1. Field Activities	\$2,153.00
Task 2. Lab Testing	\$1,294.00
Task 3. Engineering	\$2,940.00
HTS Total	\$6,387.00
Total Fee	\$68,866.31

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

IDCUS Inc.
Houston, TX United States

Certificate Number:
2017-214478

Date Filed:
05/26/2017

Date Acknowledged:

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
Fort Bend County

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

Project X28
SECOND AMENDMENT TO AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES – DESIGN, CRABB RIVER ROAD

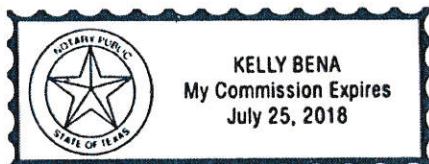
4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO Interested Party.



6 AFFIDAVIT

I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.



AFFIX NOTARY STAMP / SEAL ABOVE

[Signature]
Signature of authorized agent of contracting business entity

Sworn to and subscribed before me, by the said Larry Janak, this the 26th day of May, 2017, to certify which, witness my hand and seal of office.

[Signature]
Signature of officer administering oath

Kelly Bena
Printed name of officer administering oath

Marketing Manager
Title of officer administering oath