STATE OF TEXAS

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COUNTY OF FORT BEND

SECOND AMENDMENT TO AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES

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 on February 24, 2015, (hereinafter "Agreement") pursuant to SOQ 14-025, as amended by document executed February 23, 2016 (hereinafter "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:

- County shall pay Contractor an additional one hundred ninety-nine thousand seven hundred eighty-one dollars and no/100 (\$199,781.00) for the additional engineering services as described in the proposal attached hereto as Exhibit "A" and incorporated herein for all purposes.
- The Maximum Compensation payable to Contractor for Services rendered is hereby increased to an amount not to exceed five hundred fifty-one thousand nine hundred twenty dollars and no/100 (\$551,920.00), authorized as follows:

\$336,284.00 under the Agreement; \$15,855.00 under the Amendment; and \$199,781.00 under this Second Amendment.

3. In no case shall the amount paid by County for all Services under the Agreement, the Amendment and this Second Amendment exceed the Maximum Compensation without a written agreement executed by the parties.

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

FORT BEND COUNTY	IDC, INC
Robert E. Hebert, County Judge	Im Gonzales, President & CEO
	8-25-16
Date	Date
ATTEST:	ž.
Laura Richard, County Clerk	
APPROVED: Richard W. Stolleis, P.E., County Engin	- eer
APPROVED AS TO LEGAL FORM:	
Marcus D. Spencer, First Assistant Cou	nty Attorney
Al	JDITOR'S CERTIFICATE
	are available in the amount of \$ to of Fort Bend County under this contract.
	Robert Edward Sturdivant, County Auditor
I:\Marcus\Agreements\Engineering\Road Construction	on\Sansbury Blvd\Amend 2 - Sansbury Blvd.IDC.docx

EXHIBIT A

EXHIBIT A – ALIGNMENT REVISONS

SERVICES TO BE PROVIDED BY THE ENGINEER

For Sansbury Boulevard Plan Revisions From Grand Estates to Manford Boulevard Precinct 1 Fort Bend County – Mobility Projects Date: August 10th, 2016

PHASE I – PRELIMINARY ENGINEERING SERVICES (PLAN REVISION)

- Investigate and present alternate alignments to avoid existing Middle Bayou channel.
- Create new alignment, Preliminary Storm Design revise geometry of roadway and set new proposed right of way.
- Coordinate with surveyor for topographic surveys of revised alignment.
- Coordinate with surveyor to provide revised right of way plans and documents.

PHASE I – REVISE HYDRAULIC REPORT (ALIGNMENT REVISION)

- Collect Existing Data, and evaluate Field Drainage Condition.
- Revise Typical Section & Miscellaneous Drawings to reflect new Alignment
- Revise the Drainage Analysis, Models and Drainage Areas.
- Preliminary Size & Design storm sewer system. Size Box Culvert
- Revise Hydraulic Impact Report to reflect new alignment.

PHASE II – REVISE HYDRAULIC REPORT (ALIGNMENT REVISION)

- Revise Roadway plans and drainage plans for new alignment and geometry.
- Develop New Signing & Pavement Marking Layouts.
- Update Traffic Control Plans based on new Alignment.
- Design Culvert Layouts based on new Alignment.
- Develop new SWPPP Layouts based on new Alignment.
- Develop DTM and Cross Sections based on new Alignment.
- Revise summary of quantities based on new roadway design.
- Revise Bid Sheets.
- Revise Construction Cost Estimate



SANSBURY BOULEVARD -RE-ALIGNMENT MODOFICATION MANHOUR PROPOSAL

MANHOUR FEE ESTIMATE

8/9/2016

PHASE I	PRELIMINARY ENGINEERING SERVICES - IDCUS INC		
TASK I	TASK I: PROJECT COORDINATION / MANAGEMENT	\$	15,030.00
TASK II	TASK II: INVESTIGATE NEW CONDITIONS - NEW ALIGNEMENT	\$	1,185.00
TASK III	TASK III: REVISE ALIGNMENTS - ROADWAY GEOMETRY -DRAINAGE & ROW	\$	11,280.00
SUBTOTA	AL - PRELIMINARY ENGINEERING SERVICES	\$	27,495.00
PHASE I	· REVISE HYDRAULIC IMPACT REPORT SERVICES - IDCUS INC.		
TASK IV	TASK IV: REVISE HYDRALIC IMPACT REPORT	\$	21,300.00
SUBTOTA	AL - HYDRAULIC IMPACT REPORT SERVICES	\$	21,300.00
PHASE I -	SUB-SCONSULTANT SERVICES FEE		
TASK V	SURVEYING by COBB-FENDLEY, INC REVISE ROW MAPS, TOPO & DOCUMENTS	\$	27,240.00
SUBTOTA	AL - SUBCONSULTANT PHASE I SERVICES	\$	27,240.00
TOTAL P	HASE I SERVICES	\$	76,035.00
	- DESIGN PHASE SERVICES (PLAN REVISON) - IDCUS, Inc.	· · · · · · · · · · · · · · · · · · ·	
TASK V	DESIGN PHASE - PROJECT COORDINATION / MANAGEMENT by IDCUS INC.	\$	12,720.00
TASK VI	DESIGN PHASE SERVICES by IDCUS INC.	\$	109,026.00
TOTAL PH	IASE II - DESIGN PHASE SERVICES ENGINEERING FEE	\$	121,746.00
PHASE II	- MISCELLANEOUS ENGINEERING SERVICES - IDCUS INC.		
TASK VII	REPRODUCTION & MISCELLANEOUS EXPENSES BY IDCUS.	\$	2,000.00
TOTAL PH	IASE II - REPRODUCTION & MISCELLANEOUS EXPENSES BY IDCUS.	\$	2,000.00
TOTAL P	HASE II DESIGN PHASE SERVICES FEE	\$	123,746.00
	TOTAL PHASE I - PRELIMINARY ENGINEERING SERVICES FEE	\$	76,035.00
PROJECT	TOTAL PHASE II - DESIGN PHASE ENGINEERING SERVICES FEE	. \$	123,746.00
GRAND	TOTAL SANSBURY BLVD. FEE (PHASE I + PHASE II)	\$	199,781.00

FORT BEND COUNTY MOBILTY BOND PROGRAM SANSBURY BOULEVARD -RE-ALIGNMENT MODOFICATION MANHOUR PROPOSAL



PRELIMINARY ENGINEERING REPORT

MANHOUR FEE ESTIMATE

Function Code / Task Description	MANAGEMENT	EMENT		ENGINEERING	ĭ		SUPPORT		TOTAL
	Principal	Project	Senior	Project	Hydraulic	CADD	CADD	Clerical	COST
	Engineer	Manager	Engineer		Engineer	Designer	Tech.		(DOLLARS)
TASK I: PROJECT COORDINATION / MANAGEMENT		- 1							
A. Project Management and Administration (Invoice, Document Control & Management)	8	10							\$ 3,630.00
B. Project Coordination (Fort Bend County, GEC, Utilities, Drainage District)	4	8			8				\$ 3,840,00
C. Project Meetings (3 Meetings)	8	80							\$ 3,240.00
D. Coordination For Survey (Cobb Fendley)		8		10		12			\$ 4,320.00
Total Manhours	20	34	O	10	8	12	0	0	
Raw Salary / Rate	\$70.00	\$65.00	\$60.00	\$50.00	\$60.00	\$35.00	\$25.00	\$24.00	
Biling Rate w/ 3.0 Multiplier)	210.00	195.00	180.00	150.00	180.00	105.00	75.00	72.00	
Total for Project Coordination / Management by IDC, Inc.	\$ 4,200.00	\$ 4,200.00 \$ 6,630.00 \$		\$ 1,500.00	\$ 1,440.00	\$ 1,500.00 \$ 1,440.00 \$ 1,260.00 \$ -	-	\$	\$ 15.030.00

\$ 1,185.00	₩	9	60	- ·	\$ 600.00 \$	()	\$ 585.00 \$	1	Total for Design Phase Services by IDC, Inc.
	72.00	75.00	105.00	180.00	150.00	180.00	195.00	210.00	Billing Rate w/ 3.0 Multiplier)
	\$24.00	\$25.00	\$35.00	\$60.00	\$50.00	\$60.00	\$65.00	\$70.00	Raw Salary / Rate
	0	0	0	0	4	0	3	0	Total Manhours
\$ 495.00					2		ima ima		a2 Review, Evaluate & Describe existing Utilities (Public & Private)
\$ 690.00					2		2		al Field Recommander / Site Photographs
÷									A Site Evaluation For General Roadways, Ditches, Topographic & General Conditions
TOTAL COST						:	 		TASK II: EVALUATE REVISED ALIGNEMENT
(DOLLARS)		Operator	Designer	Engineer	Engineer	Engineer	Manager	Engineer	
COST	Clerical	CADD	CADD	Hydraulic	Project	Senior	Project	· Principal	
TOTAL		SUPPORT	10		Ç	ENGINEERING		MANAGEMENT	/ lask Description

\$ 11,280.0	5/9	59	\$ 4,200.00	⊕	,160.00 \$ 4,800.00	\$ 2,160.00	\$ 3,900.00	\$ 840.00 \$ 3,900.00 \$ 2,1	Total for Design Phase Services by IDC, Inc.
	72.00	75.00	105.00	180.00	150.00	180.00	195.00	210.00	Billing Rate w/ 3.0 Multiplier)
	\$24.00	\$25.00	\$35.00	\$60.00	\$50.00	\$60.00	\$65.00	\$70.00	Raw Salary / Rate
	0	0	40	0	32	12	20	4	Total Manhours
	-								
\$ 1,620.00	-						4	4	B. QA/QC - Comment Resolution
\$ 2,310.0	• • •		24		12	000	. 6	3	a3 Evaluate, Re-evaluate and Establish Horizontal & Vertical Alignment & Geometry
\$ 1,710.00					4	4	2		a2 Revise Recrimended Typical Sections
\$ 1,380.00					4		4		al Alignment Alternatives & Exhibits
\$ 4,260.0			16		12		4		A. Establish ROW& Set up Drawing
TOTAL COST									TASK III: REVISE ALIGNMENT, ROADWAY GEOMETRY & ROW
(DOLLARS)		Tech.	Designer	Engineer	Engineer	Engineer	Manager	Engineer	
COST	Clerical	CADD	CADD	Hydraulic	Project	Senior	Project	Principal	
TOTAL		SUPPORT	,,,		1	ENGINEERING		MANAGEMENT	/ Task Description

FORT BEND COUNTY MOBILTY BOND PROJECT

SANSBURY BOULEVARD

MANHOUR FEE ESTIMATE

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REVISE HYDRAULIC IMPACT STUDY - SERVICES FEE MA

2 720 00 8 7 200 00	Billing Rate w/ 3.0 Multiplier) 195.00 180.00	Raw Salary / Rate \$65.00 \$60.00	Total Manhours 1,4 40	5.0 REVISE Prepare Drainage Letter Report 2 8	4.0 Prepure Preliminary Storm Sewer Layouts 2 8	3.REVISE / Bridge Class Culvert Hydraulics 2 8	2b. Develop Proposed Drainage Area Map 2 8	2a. Develop Existing Drainage Area Map 2 4	2.0 REVISE Drainage Analysis	Ib. Perform Field Reconnaissance 2	1a. Obtain and Review Available Information 2 2	1.0 Data Collection	Phase I Preliminary Drainage Study	TASK IV: REVISE HYDRALIC IMPACT REPORT - Phase I Prelim Drainage Study	Manager Engineer	Project Hydraulic	Function Code / Task Description MANAGEMENT
\$ 2.730.00 \$	195.00	\$65.00	14	2	2	2	2	2		2	2			tudy	Manager		MANAGEME
•	180.0	\$60.0	40	8	8	8	8	4		2	2				Engin	Hydra	AGEMENT
00.00 \$	D																
7.800.00	150.00	\$50.00	52	12	8	8	10	∞			6				Engineer	Project	ENGINEERING
7,800.00 \$ 3,570.00 \$	105.00	\$35.00	34	8	8	10	∞	ļ								Designer	RING
	75.00	\$25.00	0												Designer	CADD	SUPPORT
60	72.00	\$24.00	0													Clerical	ORT
\$ 21,300.00				\$ 4,470.00	\$ 3,870.00	\$ 4,080.00	\$ 4,170.00	\$ 2,310.00		\$ 750.00	\$ 1,650.00			TOTAL COST	(DOLLARS)	COST	TOTAL

SANSBURY BOULEVARD -RE-ALIGNMENT MODOFICATION MANHOUR PROPOSAL

EXHIBIT "A" - FORT BEND COUNTY 2013 MOBILTY BOND PROGRAM - ENGINEERING SERVICES ENGINEERS'S PROPOSAL

MANHOUR FEE ESTIMATE MANAGEMENT

\$ 109,026.00	3,456.00	22,680.00 \$ 7,800.00 \$	ı	\$ 31,350.00 \$ 20,160.00 \$	\$ 31,350.00	-5 0	2,520.00 \$21,060.00	\$ 2,520.00			Total for Design Phase Services by IDC, Inc.
	72.00	75.00	105.00	180.00	150.00	180.00	195.00	210.00			Billing Rate w/ 3.0 Multiplier)
	\$24.00	\$25.00	\$35.00	\$60.00	\$50.00	\$60.00	\$65.00	\$70.00			Raw Salary / Rate
	48	104	216	112	209	0	108	12			Total Manhours
	4			8	16		16				Q. Cost Estimates & Bid Package
\$ 8,100.00			24		32		4		20		P. Develop Cross Section (100 Foot)
\$ 9,000.00			12	16	14		12	2			O. Channnel Modification Alignment Design
\$ 7,860.00			24	12	16	;	4		4		N. Cross-Culvert Design (1"=40')
\$ 6,690.00			12	12	14		6		2	İ	M. Storm Water Pollution Prevention Plan (SWPPP) Laterals (1"=50")
\$ 6,690.00			12	12	14		6		2		L. Storm Sewer Laterals (1"=50')
\$ 8,880,00			12	16	16		12				K. Storm Sewer Layouts With Details
\$ 4,830.00				16			10	1	3		J. Storm Design Calculations
\$ 5,550.00				12	12		6	2	w		I Inlet Drainage Area Layout
\$ 3,870.00			4	œ	8		2	2	1		H. Overall Drainage Area Maps
\$ 1,848.00	4	8	4				2			18	G. Standards (Fort Bend County)
\$ 9,276.00	8	24	24		16		000	2	w		F. Signing & Pavement Marking Layouts
\$ 13,776.00	8	40	\$		24		∞	4	6		E. Develop Sansbury Blvd. Roadway Plan & Profiles (1"=20)
\$ 3,240.00			12		000		4		u		D. Traffic Control Plans (2 Phase Construction w/ Overall Layout) (1"= 40')
\$ 2,574.00	12	8	4		2		2		2		C. Develop Typical Sections
\$ 7,764.00	12	24	24		12		4		6		B. Develop Misc. Sheets (Project Layout, General Notes, Abbreviation, ETC.)
\$ 1,830.00			8		4		2				A. Coordinate Survey & Prepare DTM & Topographic Survey
TOTAL COST											TASK VI: DESIGN PHASE SERVICES (PLAN REVISONS)
(DOLLARS)		Operator	Designer	Engineer	Engineer	Engineer	Manager	Engineer			
COST	Clerical	CADD	CADD	Hydraulic	Project	Senior	Project	Principal	Sheets	Sheets	
TOTAL		SUPPORT		4	ENGINEERING		MENT	MANAGEMENT	New	btS	Function Code / Task Description
\$ 12,720.00	\$ 2,880.00	, ,	s ≠		\$ 1,200.00	\$ 1,440.00	2,520.00 \$ 4,680.00	\$ 2,520.00	2	20	Total for Project Coordination / Management by IDC, Inc.
	72.00	75.00	105.00		150,00	180.00	195.00	210.00	2		Billing Rate w/ 3.0 Multiplier)
	\$24.00	\$25.00	\$35.00	S60.00	\$50.00	\$60.00	\$65.00	\$70.00		20	Raw Salary / Rate
	40	0	0		00	∞	24	12			Total Manhours
						4	œ	4			C. Project Meetings
					00	4	œ	4			B. Project Coordination (Fort Bend County, MUD, Utility)
\$ 4,128.00	24						8	4			A. Project Management and Administration
											TASK V: PROJECT COORDINATION / MANAGEMENT
(DOLLARS)		Tech.	Designer	Engineer	Engineer	Engineer	Manager	Engineer			
COST	Clerical	CADD	CADD	Hydraulic	Project	Senior	Project	Principal	Sheets	Sheets	
TOTAL		SUPPORT		-	ENGINEERING		MENT	MANAGEMENT	New	Std	Function Code / Task Description

		\$27,240.00			Comma a ve Dila rey ing-1 limbe a Dea rices
		*27.40.0			Crond Total For Surreging Phase I Coming
	\$27,240.00				1 Surveying - Topographic Survey (Proposal Attached)
		S	UMENT	'OPO & DO	TASK VII - SURVEYING by COBB-FENDLEY, INC - REVISE ROW MAPS, TOPO & DOCUMENTS
		MANHOUR FEE ESTIMATE	JR FEE ES	MANHO	
HINEERS'S PROPOSAL	ERING SERVICES ENG	AM - ENGINI) PROGR.	OBILTY BON	EXHIBIT "A" - FORT BEND COUNTY 2013 MOBILTY BOND PROGRAM - ENGINEERING SERVICES ENGINEERS'S PROPOSAL
T T	N MANHOUR PROPOSAL	DOFICATION	MENT MO	D -RE-ALIGN	SANSBURY BOULEVARD -RE-ALIGNMENT MODOFICATION MANHOUR PROPOSAL

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

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	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	
1	Name of business entity filing form, and the city, state and country of business.			ficate Number: -103355	
	IDCUS Inc.				
	Houston, TX United States		Date I	Filed:	
2	Name of governmental entity or state agency that is a party to the c being filed.	contract for which the form is	08/23	3/2016	
	Fort Bend County		Date /	Acknowledged:	
3	Provide the identification number used by the governmental entity description of the services, goods, or other property to be provided	or state agency to track or identify d under the contract.	the co	ontract, and prov	vide a
	2013 Mobility Bond Proj 13111B Second Amendment to Agreement for Professional Engineering	g Services 2013 Mobility Bond Pro	ject N	lo. 13111B	
4				Nature of	finterest
4	Name of Interested Party C	City, State, Country (place of busine	ess)	(check ap	plicable)
				Controlling	Intermediary
5	Check only if there is NO Interested Party.				
6	AFFIDAVIT I swear, or affili	firm, under penalty of perjury, that the a	above	disclosure is true	and correct.
	CHRISTINE GARCIA My Notary ID # 124872968 Expires May 3, 2020	Signature of authorized agent of contr	les)	_	
	AFFIX NOTARY STAMP / SEAL ABOVE				
	Sworn to and subscribed before me, by the said	hZA/eS , this the $\frac{2}{\sqrt{2}}$	26 75	Hay of U	igust,
	Austine Jacka Christing Signature of officer administering oath Printed name of officer	DE GARCÍA. icer administering oath Tit	tle of o	OTA ry officer administeri	ng oath