

EXHIBIT “F”
Supplemental Agreement Form

THE STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

**SUPPLEMENTAL AGREEMENT NO. 1
TO WORK AUTHORIZATION NO. 1
TO AGREEMENT FOR PROFESSIONAL SERVICES
C-16-369-10-25**

This **SUPPLEMENTAL AGREEMENT** is made pursuant to the terms and conditions of Article 8 of the Agreement made by and between **HIDALGO COUNTY**, hereinafter called the “**Owner**”, and **SOUTH TEXAS INFRASTRUCTURE GROUP, L.L.C.**, professional engineers of Mission, Texas, hereinafter called the “**Engineer**”.

WITNESSETH

WHEREAS, the **Owner** and the **Engineer** executed the Main Contract Agreement on the 25th the day of October, 2016 concerning professional engineering services for the “**Sunflower Road**” between (**SH 107 to Mile 17 Road**), (for Roadway design, field design survey services-full details of services on Exhibit B) hereinafter referred to as the “**Project**”; and,

WHEREAS, it has become necessary to amend “*Exhibit C – Work Schedule*” of Work Authorization No. 1, Part 5 of the Agreement – Period of Service, to include sufficient time needed for the additional services to be provided.

WHEREAS, it has become necessary to amend “*Exhibit D-1 – Project Fee Schedule and Estimated Man-hour Breakdown*” of Work Authorization No. 1, Part 2 of the Agreement – Estimated Cost, to increase the original Work Authorization amount of **\$36,607.07** to **\$43,993.50**; therefore, the amount of **Supplemental No. 1 is \$7,386.43.**

A. AGREEMENT

NOW THEREFORE, premises considered, the **Owner** and the **Engineer** agree that said **Agreement** is amended as follows:

- I. Sections of the Agreement, EXHIBIT "C" – WORK SCHEDULE and EXHIBIT "D-1" – PROJECT FEE SCHEDULE AND ESTIMATED MANHOUR BREAKDOWN, are revised to reflect the above listed modifications of this Supplemental.

All other provisions are unchanged and remain in full force and effect.

IN WITNESS WHEREOF, the Engineer and the Owner have caused this Supplemental Agreement to the Agreement for Professional Services to be executed as of the _____ day of _____, 2017.

**THE ENGINEER:
ENGINEER**

BY: 
Julio Cerda, P.E., President

**THE OWNER:
HIDALGO COUNTY**

BY: _____
Ramon Garcia, County Judge

LIST OF EXHIBITS:

EXHIBIT C – "Work Schedule"

EXHIBIT D-1 – "Project Fee Schedule and Estimated Man-hour Breakdown"

FORM 1295 – South Texas Infrastructure Group, L.L.C.

FORM 1295 – R.O.W. Surveying Services, L.L.C.

Exhibit "D-1"
BUDGET
LUMP SUM RATE BASIS OF PAYMENT
Supplemental No. 1

Work Authorization No. 1

Highway: Sunflower Road Project Precinct No. 4		South Texas Infrastructure Group, LLC								
County: Hidalgo County, Texas										
From: Mile 17 to SH 107										
Description of Work:										
TASK AND DESCRIPTION	HOURLY RATE	PRINCIPAL	PROJECT	PROJECT	EIT	SENIOR	ENGINEERING	ADMIN/	Total	Cost
			MANAGER	ENGINEER		CADD	TECHNICIAN	CLERICAL	Hours	
		\$187.00	\$161.00	\$125.00	\$98.00	\$60.00	\$85.00	\$50.00		
ROADWAY DESIGN CONTROLS (FC160)										
160. Geometric Design										
2.0 Develop Geometric Project Layout		0	0	2	2	4	4	0	12	\$ 1,106.00
160.1 Roadway Design										
1.0 Design and Develop Horizontal Alignment - Mainlanes (PS&E)		0	0	4	8	0	0	0	12	\$ 1,284.00
2.0 Design and Develop Horizontal Alignment - Cross Streets (PS&E)		0	0	4	8	0	0	0	12	\$ 1,284.00
3.0 Develop Horizontal Alignment Data Sheet		0	0	1	3	2	2	0	8	\$ 749.00
4.0 Design and Develop Vertical Alignment - Mainlanes (PS&E)		0	0	4	8	0	0	0	12	\$ 1,284.00
5.0 Design and Develop Vertical Alignment - Cross Streets (PS&E)		0	0	2	4	0	0	0	6	\$ 642.00
6.0 Design and Develop Roadway Geometric File (PS&E)		0	0	4	6	0	0	0	10	\$ 1,088.00
7.0 Design Intersection Grading and Transitions		0	0	2	5	0	0	0	7	\$ 740.00
8.0 Design and Develop Exist. & Prop. Cross Sections (Mainlanes)		0	0	4	5	0	0	0	9	\$ 990.00
9.0 Design and Develop Exist. & Prop. Cross Sections (Cross Streets)		0	0	4	5	0	0	0	9	\$ 990.00
10.0 Develop Plan and Profile Sheets		0	0	4	7	4	8	0	23	\$ 2,186.00
11.0 Develop Intersection Layouts		0	0	2	2	6	6	0	16	\$ 1,436.00
12.0 Develop Cross Section Layout Sheets		0	0	1	5	6	0	0	12	\$ 1,095.00
13.0 Develop Driveway P&P Sheets		0	0	1	3	4	6	0	14	\$ 1,249.00
14.0 Design and Develop Misc. Roadway Details		0	0	1	3	2	2	0	8	\$ 749.00
15.0 Select Pertinent Roadway Standards		0	0	1	3	1	1	0	6	\$ 584.00
160.4 Typical Sections										
1.0 Develop Existing and Proposed Typical Sections (Mainlanes)		0	0	2	2	4	5	0	13	\$ 1,191.00
2.0 Develop Existing and Proposed Typical Sections (Cross Streets)		0	0	2	2	4	5	0	13	\$ 1,191.00
3.0 QA/QC for Typical Sections		0	0	0	0	0	0	0	0	\$ -
160.5 Cut and Fill Quantities										
1.0 Develop Earthwork Quantities for Mainlanes and Cross Streets		0	0	1	3	0	0	0	4	\$ 419.00
160.7 Pavement Design (See Laboratory Fee Schedule)										
										\$ -
	Subtotal Hours	0	0	46	84	37	39	0	206	
	Subtotal Cost	\$0.00	\$0.00	\$5,750.00	\$8,232.00	\$2,960.00	\$3,315.00	\$0.00		\$20,257.00

Exhibit "D-1"
BUDGET
LUMP SUM RATE BASIS OF PAYMENT
Supplemental No. 1

Work Authorization No. 1

TASK AND DESCRIPTION	PRINCIPAL	PROJECT	PROJECT	EIT	SENIOR	ENGINEERING	ADMIN/	Total	Cost
		MANAGER	ENGINEER		CADD	TECHNICIAN	CLERICAL	Hours	
HOURLY RATE	\$187.00	\$161.00	\$125.00	\$98.00	\$80.00	\$85.00	\$50.00		
DRAINAGE (FC161)									
161.1. Drainage Report									
1.0 Site Visit to Confirm Outfalls and Existing Drainage Infrastructure	0	0	0	2	0	0	0	2	\$ 196.00
2.0 Obtain and Review Existing Hydrologic Models	0	0	1	1	0	0	0	2	\$ 223.00
3.0 Review Drainage As-Builts	0	0	1	1	0	0	0	2	\$ 223.00
4.0 Develop Exterior Drainage Area Boundaries	0	0	1	1	0	0	0	2	\$ 223.00
5.0 Develop Interior Drainage Area Boundaries	0	0	1	1	0	0	0	2	\$ 223.00
6.0 Compute Discharges for Exterior Drainage Areas	0	0	1	2	0	0	0	3	\$ 321.00
7.0 Compute Discharges for Interior Drainage Areas	0	0	1	2	0	0	0	3	\$ 321.00
161.3. Culvert and Storm Drain Design									
1.0 Design and Develop Hydraulic Computations for Outfall Channel	0	0	0	1	0	0	0	1	\$ 98.00
2.0 Design and Develop Hydraulic Computations for 2 Culvert Crossings	0	0	0	1	0	0	0	1	\$ 98.00
3.0 Design and Develop Hydraulic Computations for Storm Sewer System (3 Systems)	0	0	0	1	1	0	0	2	\$ 178.00
4.0 Identify Areas requiring trench protection, shoring, and dewatering	0	0	0	1	0	0	0	1	\$ 98.00
5.0 Develop Exterior Drainage Area Map Sheets	0	0	0	1	2	1	0	4	\$ 343.00
6.0 Develop Interior Drainage Area Map Sheets	0	0	0	1	2	1	0	4	\$ 343.00
7.0 Develop Hydrologic Computation Sheets	0	0	0	1	1	2	0	4	\$ 348.00
8.0 Develop Storm Sewer Plan and Profile Sheets (3 Systems)	0	0	0	1	1	3	0	5	\$ 433.00
9.0 Select pertinent Drainage Standards	0	0	0	1	1	1	0	3	\$ 263.00
10.0 Prepare Drainage Details for outlet protection, etc.	0	0	0	1	1	1	0	3	\$ 263.00
11.0 Identify Pipe Strength Requirements	0	0	0	1	0	0	0	1	\$ 98.00
12.0 Identify Potential Utility Conflicts	0	0	0	1	0	0	0	1	\$ 98.00
13.0 Develop Existing ground profiles at the ROW line (for storm sewer systems)	0	0	0	1	0	0	0	1	\$ 98.00
14.0 Develop Hydraulic Data Sheets for Culvert Crossings	0	0	0	0	0	0	0	0	\$ -
15.0 Develop Hydraulic Data Sheets for Storm Sewer Systems (3 Systems)	0	0	0	1	1	1	0	3	\$ 263.00
161.5. Temporary Drainage Facilities									
1.0 Evaluate Traffic Control Plan for Temporary Drainage Facilities	0	0	0	0	0	0	0	0	\$ -
2.0 Design and Develop Temporary Drainage Measures	0	0	0	0	0	0	0	0	\$ -
Subtotal Hours	0	0	6	24	10	10	0	50	
Subtotal Cost	\$0.00	\$0.00	\$750.00	\$2,352.00	\$800.00	\$850.00	\$0.00		\$ 4,752.00

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TASK AND DESCRIPTION	PRINCIPAL	PROJECT	PROJECT	EIT	SENIOR	ENGINEERING	ADMIN/	Total	Cost
		MANAGER	ENGINEER		CADD	TECHNICIAN	CLERICAL		
HOURLY RATE	\$187.00	\$161.00	\$125.00	\$98.00	\$80.00	\$85.00	\$50.00	Hours	
SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION (FC 162)									
162.1. Signing and Pavement Markings									
1.0 Field Visit and Inventory Existing Signs	0	0	1	0	0	0	0	1	\$ 125.00
2.0 Design and Develop Signing and Pavement Marking Layouts	0	0	1	1	0	2	0	4	\$ 393.00
3.0 Prepare Small Sign Summary	0	0	1	1	0	1	0	3	\$ 308.00
4.0 Select Signing and Pavement Marking Standards	0	0	1	1	0	1	0	3	\$ 308.00
Subtotal Hours	0	0	4	3	0	4	0	11	
Subtotal Cost	\$0.00	\$0.00	\$500.00	\$294.00	\$0.00	\$340.00	\$0.00		\$ 1,134.00

TASK AND DESCRIPTION	PRINCIPAL	PROJECT	PROJECT	EIT	SENIOR	ENGINEERING	ADMIN/	Total	Cost
		MANAGER	ENGINEER		CADD	TECHNICIAN	CLERICAL		
HOURLY RATE	\$187.00	\$161.00	\$125.00	\$98.00	\$80.00	\$85.00	\$50.00	Hours	
MISCELLANEOUS (FC 163)									
163.2. Traffic Control Plan, Sequence of Construction									
1. Written narrative of Construction Sequencing & General Notes	0	0	1	0	0	1	0	2	\$ 210.00
2. Develop Advanced Warning Sign Layouts	0	0	1	0	0	1	0	2	\$ 210.00
3. Plan and Attend TCP Review Meeting	0	0	1	0	0	0	0	1	\$ 125.00
4. TCP Sheets(4 phases)	0	0	1	0	0	1	0	2	\$ 210.00
5. Develop Detour Layouts	0	0	1	0	0	1	0	2	\$ 210.00
6. TCP Typical Sections	0	0	1	0	0	1	0	2	\$ 210.00
7. Select TCP Standards	0	0	1	0	0	1	0	2	\$ 210.00
163.5. SW3P Plans									
1. Develop SW3P Narrative	0	0	1	0	0	1	0	2	\$ 210.00
2. Develop EPIC Sheet	0	0	1	0	0	1	0	2	\$ 210.00
3. Develop SW3P Layouts	0	0	1	0	0	1	0	2	\$ 210.00
4. Select SW3P Standards	0	0	1	0	0	1	0	2	\$ 210.00
163.11. Specifications and General Notes									
1. Develop General Notes and Specifications	0	0	1	0	0	0	0	1	\$ 125.00
163.12. General Plans & Task									
1. Develop Project Title Sheet	0	0	0	0	0	1	0	1	\$ 85.00
2. Develop Index of Sheets	0	0	0	0	0	0	0	0	\$ -
4. Develop PS&E Documentation (1002, etc.)	0	0	1	0	0	0	0	1	\$ 125.00
163.13. Construction Phase Services									
1. Construction Bidding	0	3	5	5	0	0	0	13	\$ 1,598.00
2. Construction Contract Administration & Inspection	0	0	24	0	0	0	0	24	\$ 3,000.00
3. Miscellaneous Technical Activities	0	0	10	6	0	0	0	16	\$ 1,838.00
Subtotal Hours	0	3	52	11	0	11	0	77	
Subtotal Cost	\$0.00	\$483.00	\$6,500.00	\$1,078.00	\$0.00	\$935.00	\$0.00		\$ 8,996.00

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BUDGET
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TASK AND DESCRIPTION	HOURLY RATE	PROJECT	PROJECT	SURVEY	4-MAN	3-MAN	2-MAN	ADMIN/	Total	Cost
		PRINCIPAL	RPLS	TECHNICIAN	SURVEY CREW	SURVEY CREW	SURVEY CREW	CLERICAL	Hours	
		\$124.00	\$125.00	\$82.00	\$174.00	\$155.00	\$130.00	\$50.00		
SURVEYING (FC 150)										
A. Control Hz and Vt										
I. Primary Project Control										
i. Establish Primary Control		0	1	0	0	4	0	0	5	\$ 745.00
II. Secondary Project Control										
i. Set additional secondary control points as needed		0	1	0	0	4	0	0	5	\$ 745.00
ii. Horizontal values established with RTK or VRS		0	1	0	0	4	0	0	5	\$ 745.00
iii. Vertical values established with digital level		0	1	0	0	2	0	0	3	\$ 435.00
III. Setting Benchmarks										
i. Setting Benchmarks @ 1500'(ft) intervals		0	1	0	0	2	0	0	3	\$ 435.00
B. Design Surveys										
i. Topographic & Crosssections		0	1	4	0	6	0	0	11	\$ 1,383.00
ii. Locate Visible Utilities		0	1	1	0	1	0	0	3	\$ 362.00
iii. Utilities		0	0	1	1	1	0	0	3	\$ 411.00
iv. Proposed Centerline on Existing Pavement		0	0	1	1	1	0	0	3	\$ 411.00
v. Cross section Intersecting Streets		0	0	1	1	1	0	0	3	\$ 411.00
vi. Driveways and Turnouts		0	1	1	1	1	0	0	4	\$ 536.00
vii. Existing Storm Drain		0	0	1	1	1	0	0	3	\$ 411.00
viii. Outfalls		0	0	1	1	0	0	0	2	\$ 256.00
ix. Cross Culverts, Driveway Culverts, Inverts		0	1	1	1	1	0	0	4	\$ 536.00
Subtotal Hours		0	9	12	7	29	0	0	57	
Subtotal Cost		\$0.00	\$1,125.00	\$984.00	\$1,218.00	\$4,495.00	\$0.00	\$0.00		\$ 7,822.00

*A fully-loaded Hourly Wage Rate is defined as an employee's base hourly rate plus labor overhead (including fringe benefits), general and administrative (indirect) expenses, profit and escalation (if applicable).

OTHER DIRECT EXPENSES	# OF UNITS	COST/UNIT						COST
Environmental Engineering								
163.13 **Utility Engineering Investigation based on the SUE form FC-150								
MILEAGE (current state rate)	500	\$ 0.565						\$ 282.50
MEALS (Overnight stay Required)		\$ 36.00						\$ -
LODGING (taxes/fess not included)		\$ 85.00						\$ -
11" x 17" B/W Paper Copies	500	\$ 1.50						\$ 750.00
SUBTOTAL DIRECT EXPENSES								\$ 1,032.50

SUMMARY	
TOTAL ENGINEERING DESIGN COSTS:	\$ 35,139.00
TOTAL DESIGN SURVEY COSTS:	\$ 7,822.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR PRIME ONLY:	\$ 1,032.50
SUBCONSULTANT TOTAL:	\$ -
GRAND TOTAL	\$ 43,993.50

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.

South Texas Infrastructure Group, L.L.C.
Mission, TX United States

Certificate Number:
2017-184106

Date Filed:
03/28/2017

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

Hidalgo County Precinct No. 4

Date Acknowledged:

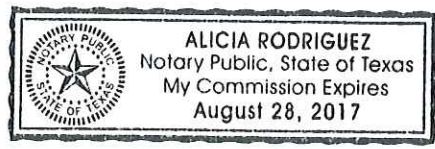
3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

C-16-369-10-25 (WA#1)
Supplemental #1 to Work Authorization #1 Sunflower Road Project Precinct #4

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.



[Handwritten Signature]

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said Julio Cerda, this the 28th day of March, 2017, to certify which, witness my hand and seal of office.

Alicia Rodriguez Signature of officer administering oath
Alicia Rodriguez Printed name of officer administering oath
Notary Title of officer administering oath

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.

R.O.W. Surveying Services, L.L.C.
Mission, TX United States

Certificate Number:
2017-184119

Date Filed:
03/28/2017

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

Hidalgo County Precinct No. 4

Date Acknowledged:

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.

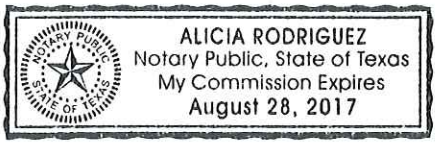
C-16-369-10-25 (WA#1)
Supplemental #1 to Work Authorization #1 Sunflower Road Project Precinct #4

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	South Texas Infrastructure Group, L.L.C.	Mission, TX United States	X	

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.



[Handwritten Signature]

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said Julio Cerda, this the 28th day of March, 2017, to certify which, witness my hand and seal of office.

[Handwritten Signature]

Signature of officer administering oath

Alicia Rodriguez

Printed name of officer administering oath

Notary

Title of officer administering oath