

EXHIBIT E
-WORK AUTHORIZATION

HIDALGO COUNTY
Professional Engineering Services
Agreement# C-16-369-10-25

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section I.A. of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner's Court**, hereinafter called the "**Owner**," and, **South Texas Infrastructure Group, L.L.C.** professional engineers of McAllen, Texas, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the "engineering services" to provide: _____
_____ Roadway design and field design survey services (full details of services on Exhibit B) _____

The scope of services to be provided by the **Owner** is identified in **EXHIBIT "A" – Scope of Services to be provided by the Owner** attached hereto.

The scope of services to be provided by the **Engineer** is identified in **EXHIBIT "B" – Scope of Services to be provided by the Engineer** attached hereto.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$ 36,607.07**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **EXHIBIT "D"**.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with Article/Part/Section **7** of the Agreement.

PART 4. FUNDING

This **Work Authorization No. 1** shall be funded through funding source:
Account No. **6-1200-431-00-124-189-0721**
Requisition Number _____ (**MUST BE INCLUDED AFTER CC APPROVAL**)

PART 5. PERIOD OF SERVICE

This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and terminate **upon completion of scopes of the work authorization.**

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the **Agreement**.

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and Confirmation by **Hidalgo County Precinct No. 4**, as to content and detail of this **Work Authorization No. 1**.

**HIDALGO COUNTY
COMMISSIONER PRECINCT No. 1:**

By: _____
Joseph Palacios, Commissioner

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on **10/25/16** as indicated below and effective as of **25th** day of **October, 2016**.

**THE ENGINEER:
SOUTH TEXAS INFRASTRUCTURE GROUP, L.L.C.**

By: _____
Julio Cerda, PE/President

**THE OWNER:
HIDALGO COUNTY**

By: Ramon Garcia
Ramon Garcia, County Judge

ATTEST:

By: Arturo Guajardo Jr.
Arturo Guajardo Jr., County Clerk



APPROVED BY
COMMISSIONERS COURT
ON: 11/1/16 omb

LIST OF EXHIBITS

- Exhibit A -Services to be provided by Owner
- Exhibit B -Services to be provided by Engineer
- Exhibit C -Work Schedule
- Exhibit D -Estimated Man-hour Breakdown

EXHIBIT A

-SCOPE OF SERVICES TO BE PROVIDED BY THE OWNER

The following provides an outline of the services to be provided by the Owner in the development of Projects (as defined and more particularly identified in Exhibit "A" attached to this Agreement).

General:

The Owner will provide to the Engineer the following:

- 1) Provide the authorization to proceed with services through coordination with the project consulting and design Engineer.
- 2) Payment for work performed by the Engineer and accepted by the Owner in accordance with Article 3 of this Agreement.
- 3) Assistance to the Engineer, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies the Engineer cannot easily obtain.
- 4) Provide any available relevant data the Owner may have on file concerning the projects.
- 5) Provide timely review and decisions in response to the Engineer's request for information and/or required submittals and deliverables, in order for the Engineer to maintain the agreed upon work schedule prepared in accordance with Exhibit "A" attached to this Agreement.
- 6) Attend and participate in progress meetings as required and as coordinated and conducted by Engineer.
- 7) Provide the authorization to proceed with services on project by project basis through consulting design and construction Engineer.

EXHIBIT "B"

-SERVICES TO BE PROVIDED BY THE ENGINEER

A. Engineering Services

ROADWAY DESIGN

- 1) Develop Typical Sections – No Pavement design will be completed as part of the scope of work. Pavement Section will be based on directive from Hidalgo County Pct. No. 4 procured Geotech Engineer.
- 2) Prepare plan and profile sheets as required for the reconstruction.
- 3) Develop plan and profiles for inclusion in sheets.
- 4) Develop roadway quantities and prepare quantity summary sheet.
- 5) Develop Miscellaneous Roadway Details.
- 6) Prepare Title Sheet and Index sheets.
- 7) Calculate project quantities and prepare quantity summary sheet.
- 8) Prepare general notes.
- 9) Prepare list of Standard Drawing to be included in the plans.
- 10) Upon completion of the review of the final plans by Hidalgo County Precinct. No. 1, the ENGINEER shall assemble and furnish signed original (11" x 17") drawings which shall include all applicable standards. The Engineer may sign/seal plans manually or include an electronic signature/seal.
- 11) Coordinate with Pct. 1 and other agencies as necessary.
- 12) Signing and Pavement Markings are to be shown on roadway P&P sheets as necessary.

B. FIELD DESIGN SURVEY SERVICES

SURVEYING

- 1) Topographic survey of entire project length including...
- 2) Topography of existing roadway and ditch within existing apparent ROW.
- 3) Topography shall include any existing drainage crossings.
- 4) Include flow lines, size and direction of drainage channels/structures
- 5) Include utilities
- 6) Perform one-call (Dig Tess) and identify and locate utilities (within Limits of R.O.W) as flagged/marked by utility companies.
- 7) Include inverts on sanitary sewer, measure downs to top of keys on water and gas mains
- 8) Establish x, y, and z coordinates of power poles, manholes and valves of various utilities, flow lines of existing sanitary sewer and storm sewer lines, and subsequent utility ties of facilities exposed by others. Surveyor to survey nearest manhole/valve invert outside project limits.
- 9) Establish 2 benchmarks for project control.

Additional Services

- 1) Prepare Bid Documents
- 2) Attend and Coordinate Pre-bid Conference
- 3) Evaluate Bids
- 4) Make Award Recommendation
- 5) Assist County with preparation of Contract Documents
- 6) Attend Pre-Construction Conference upon request by County

C) GEOTECHNICAL/CMT SERVICES(by others)

- 1) Pavement section design or testing prior to PS&E development
- 2) Construction materials testing during construction

EXHIBIT C

-WORK SCHEDULE

Exhibit "C"
 Work Schedule
 Sunflower Rd. Widening and Reconstruction
 From Mile 17 to SH 107

TASK AND DESCRIPTION	FIRM	2016					2017							
		October	November	December	January	February	March	April	May	June	July	August	September	
Phase I: Roadway Design Plans and Specifications	STIG													
A. Design Survey & Roadway Design Plans														
B. Drainage Culvert Design Plan and Profile														
C. Details and Specifications														
D. Final Deliverables														
	ROWSS													
A. Horizontal and Vertical Control														
B. Construction Staking														
C. Construction Inspection														

Exhibit D
-ESTIMATED MAN-HOUR BREAKDOWN

Exhibit "D-1"
BUDGET
LUMP SUM RATE BASIS OF PAYMENT

Full-loaded Hourly Wage Rates* (as defined below)	HOURLY RATE							Total Hours	Cost
	PRINCIPAL	PROJECT MANAGER	PROJECT ENGINEER	EIT	SENIOR CAD/ TECHNICIAN	ENGINEERING TECHNICIAN	ADMIN/ CLERICAL		
SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION (FC 162)									
162.1. Signing and Pavement Markings									
1.0 Field Visit and Inventory Existing Signs			1					1	\$ 126.79
2.0 Design and Develop Signing and Pavement Marking Layouts			1	1				4	\$ 377.87
3.0 Prepare Small Sign Summary			1	1				3	\$ 301.33
4.0 Select Signing and Pavement Marking Standards			1	1				3	\$ 301.33
Subtotal Hours	0	0	4	3	0	4		11	
Subtotal Cost	\$0.00	\$0.00	\$507.16	\$294.00	\$0.00	\$306.16			\$ 1,107.32

* 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).

Full-loaded Hourly Wage Rates* (as defined below)	HOURLY RATE							Total Hours	Cost
	PRINCIPAL	PROJECT MANAGER	PROJECT ENGINEER	EIT	SENIOR CAD/ TECH	ENGINEERING TECHNICIAN	ADMIN/ CLERICAL		
MISCELLANEOUS (FC 163)									
163.2. Traffic Control Plan, Sequence of Construction									
1. Write narrative of Construction Sequencing & General Notes			1					2	\$ 203.33
2. Develop Advanced Warning Sign Layouts			1					2	\$ 203.33
3. Plan and Attend TCP Review Meeting		0	1					1	\$ 126.79
4. TCP Sheets			1					2	\$ 203.33
5. Develop Detour Layouts			1					2	\$ 203.33
6. TCP Typical Sections			1					2	\$ 203.33
7. Select TCP Standards			1					2	\$ 203.33
163.5. SW3P Plans									
1. Develop SW3P Narrative			1					2	\$ 203.33
2. Develop EPIC Sheet			1					2	\$ 203.33
3. Develop SW3P Layouts			1					2	\$ 203.33
4. Select SW3P Standards			1					2	\$ 203.33
163.11. Specifications and General Notes									
1. Develop General Notes and Specifications			1					1	\$ 126.79
163.12. General Plans & Task									
1. Develop Project Title Sheet								1	\$ 76.54
2. Develop Index of Sheets								0	\$
4. Develop PS&E Documentation (1002, etc.)			1					1	\$ 126.79
Subtotal Hours	0	0	13	0	0	11		24	
Subtotal Cost	\$0.00	\$0.00	\$1,648.27	\$0.00	\$0.00	\$841.94			\$ 2,490.21

* 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).

Exhibit "D-1"
BUDGET

LUMP SUM RATE BASIS OF PAYMENT

TASK AND DESCRIPTION	Project	PROJECT	SURVEY	4-MAN	3-MAN	2-MAN	ADMIN/	Total	Cost
	Principal	RPLS	TECHNICIAN	SURVEY CREW	SURVEY CREW	SURVEY CREW	CLERICAL	Hours	
Surveying FC(160)	\$124.00	\$125.00	\$82.00	\$174.00	\$165.00	\$130.00	\$90.00		
Hourly Rate*									
A. Control Hz and VI									
i. Primary Project Control	0	1	0	0	4	0	0	5	\$ 745.00
ii. Establish Primary Control									
iii. Secondary Project Control	0	1	0	0	4	0	0	5	\$ 745.00
iv. Set additional secondary control points as needed	0	1	0	0	4	0	0	5	\$ 745.00
v. Horizontal values established with RTK or VRS	0	1	0	0	2	0	0	3	\$ 435.00
vi. Vertical values established with digital level									
vii. Setting Benchmarks									
viii. Setting Benchmarks @ 1500'(ft) intervals	0	1	0	0	2	0	0	3	\$ 435.00
B. Design Surveys									
i. Topo and Cross-sections	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 OL on Existing	0	0	1	1	1	0	0	3	\$ 411.00
v. Cross section intersecting streets	0	1	1	1	1	0	0	4	\$ 536.00
vi. Drive ways and turnouts	0	0	1	1	1	0	0	3	\$ 411.00
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
Subtotal Hours	0	9	12	7	29	0	0	53	
Subtotal Cost	\$0.00	\$1,125.00	\$894.00	\$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	Total
Environmental Engineering			
163.13 **Utility Engineering Investigation based on the SUE from FC 150			
MILEAGE (current state rate)	500	\$ 0.565	\$282.50
MEALS (Overnight stay Required)		\$ 36.00	\$0.00
LODGING (travels/less not included)		\$ 85.00	\$0.00
11" x 17" BW Paper Copies	500	\$ 0.20	\$100.00
			\$0.00
			\$0.00
SUBTOTAL DIRECT EXPENSES			\$382.50

SUMMARY

TOTAL ENGINEERING DESIGN COSTS	\$ 28,402.57
TOTAL DESIGN SURVEY COSTS	\$ 7,822.00
NON-SALARY (OTHER DIRECT EXPENSES) FOR PRIMEONLY	\$ 382.50
SUBCONSULTANT TOTAL	-
GRAND TOTAL LUMP SUM BASIS OF PAYMENT	\$ 36,607.07



October 18, 2016

Hidalgo County Purchasing Department
Attn: Ms. Leticia H. Saenz, CPPB/Contract Manager
2812 S. Business Highway 83
Edinburg, Texas 78539

RE: Sunflower Road Precinct No. 4
Contract No. C-16-369-10-25

Dear Ms. Saenz,

Please be advised that South Texas Infrastructure Group, L.L.C. is sub-contracting R.O.W. Surveying Services, L.L.C. for all land surveying services for the Sunflower Road Project between SH 107 and Mile 17 located in Hidalgo County Precinct No. 4.

If you have any questions, please let us know. I may be reached at (956) 451-2670.

Sincerely,

Julio Cerda, P.E.
President

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:
2016-122997

Date Filed:
10/12/2016

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

Date Acknowledged:

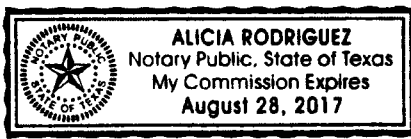
3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
C-16-369-10-25
Sunflower Road

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.



[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 12th day of October, 2016, 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:
2016-126334

Date Filed:
10/19/2016

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

Date Acknowledged:

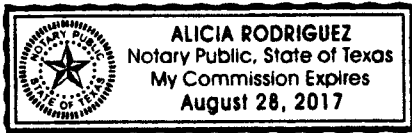
3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
C-16-369-10-25 (WA#1)
Sunflower Road Project Precinct 4

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 19th day of October, 2016, 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

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

Certificate Number:
 2016-126334

Date Filed:
 10/19/2016

Date Acknowledged:
 10/20/2016

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

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
 Hidalgo 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.
 C-16-369-10-25 (WA#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.

 Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said _____, this the _____ day of _____, 20_____, to certify which, witness my hand and seal of office.

 Signature of officer administering oath Printed name of officer administering oath 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.
 South Texas Infrastructure Group, L.L.C.
 Mission, TX United States

Certificate Number:
 2016-122997

Date Filed:
 10/12/2016

Date Acknowledged:
 10/17/2016

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
 Hidalgo 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.
 C-16-369-10-25
 Sunflower 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.

 Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said _____, this the _____ day of _____, 20_____, to certify which, witness my hand and seal of office.

 Signature of officer administering oath

 Printed name of officer administering oath

 Title of officer administering oath



**AGENDA
HIDALGO COUNTY
COMMISSIONERS COURT
MEETING
October 25, 2016
9:30 A.M.**

NOTICE is hereby given in accordance with Chapter 551, Texas Government Code, that a **REGULAR MEETING** of the Commissioners Court will be held in the Commissioners Courtroom of the Administration Building, 100 E. Cano, 1st floor, Edinburg, Hidalgo County, Texas. Discussion and possible action relating to the following business will be transacted:

1. **Roll Call**
2. **Pledge of Allegiance**
3. **Prayer**
4. **Approval of Consent Agenda**
5. **County Judge's Office:**
 - A. **AI-56990** Resolution in Support of the Rio Grande Valley Walk to Defeat ALS, also known as Lou Gehrig's disease, which will be held on Saturday, Nov. 12, 2016 at Bannworth Park in Mission.
6. **District Attorney's Office:**
 - A. **AI-56769** DA-Victim Coordinator and Liaison Grant (VCLG) (1281) / Criminal DA (1100):
 1. Approval to accept the Victim Coordinator and Liaison Grant (VCLG) in the amount of \$42,000.00 effective 09/01/2016 thru 08/31/2017.
 2. Approval of certification of revenues as certified by the County Auditor for the FY 2017 VCLG.
 3. Approval to appropriate the FY 2017 VCLG funds.
 4. Approval of the following personnel actions:

Action	Dept/ Program	Slot#	Position Title	Current Budgeted Salary	Proposed Budgeted Salary	Adjustment
Change in Funding Source	080-011	G001	Victim Assistance Coordinator	\$43,260.00	\$42,000.00	(\$1,260.00)
	080-002	0126		\$0.00	\$1,260.00	\$1,260.00

Letty

1. **AI-56992** Requesting approval of Supplemental Agreement No. 1 to Work Authorization No. 1 with L&G Consulting Engineers, through Contract# C-16-218-05-25 to amend Exhibit B-1 to include the limits of the project and revise the limits of the project on Exhibit D-2 for the Pct 2 Rancho Blanco Road Extension Project.
2. **AI-56692** Authority and Approval to enter into a Propane Supply Agreement & Equipment Lease with Amerigas Propane L.P. with no specified term limit in the amount of \$1.00 over cost (based on current market index report as provided by the vendor) with agreement termination available by either party subject to providing a 60 day notice; Effective upon Agreement Execution.

F. Pct. 4

1. **AI-57026** Acceptance and approval of the final construction contract documents for Building Renovations at Hidalgo County Pct 4 "M" Road Building to Rigney Construction & Development, LLC, in the total amount of \$132,000.00.
2. **AI-56908**
 - a. Acceptance and approval of a Professional Services Agreement # C-16-369-10-25 with South Texas Infrastructure Group, LLC for: "job specific" project: "Sunflower Road" -Precinct No. 4;
 - b. Pursuant to Article 14, under agreement #C-16-369-10-25 with South Texas Infrastructure Group, LLC, requesting approval to engage services from Sub-Contractor (R.O.W. Surveying Services, LLC);
 - c. Acceptance and approval of **Work Authorization No. 1** (estimated cost of \$ 36,607.07) **South Texas Infrastructure Group, LLC** for: "job specific" project: "Sunflower Road" -Precinct No. 4, in connection to agreement # C-16-048-02-03.

APPROVED

G. District Courts

1. **AI-56975**
 - a. Requesting exemption from competitive procurement requirements under the Texas Local Government Code, Section 262.024(a)(7)(a) proprietary software in connection with On-line Research Services for Hidalgo County;
 - b. Requesting approval of agreement if applicable for "On-line Research Services" with Lexis Nexis for the District Judges.

H. Sheriff's Office

1. **AI-56871** Acceptance of Final negotiated contract with Securus Technologies Inc. for Inmate Pay Telephone System & Services" for H.C. Sheriff's Office in connection with RFP: 2016-097-07-27.

25. Open Forum