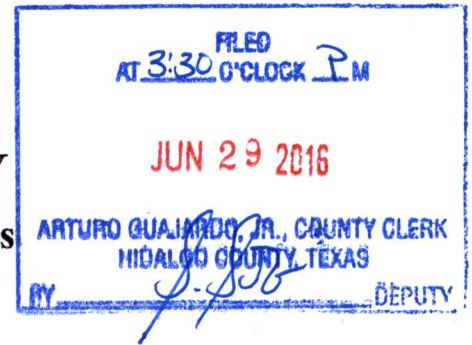


**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-15-301-09-15**  
**Work Authorization Form**



**WORK AUTHORIZATION NO. 5**

**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 **L&G ENGINEERING** professional engineers of Mercedes, Texas, hereinafter called "**Engineer**".

**PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the **Engineer** to provide **Construction Materials Testing Services for the "Concrete Walking Trail at San Carlos CRC & Sunflower Park" Project in Hidalgo County Precinct No. Four (4)**

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 **\$11,351.46**. 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 5.1 of the Agreement.

**PART 4. FUNDING**

This Work Authorization No. 5 shall be funded through funding source:  
Account No. **6-1345-419-40-124-123-0-740**  
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 or (DATE).

**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 Commissioner Joseph Palacios as to content and detail of this Work Authorization No. #5.

HIDALGO COUNTY  
COMMISSIONER PRECINCT NO. 4:

BY: Joseph Palacios

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on 6/20/16 as indicated below and effective as of 20th day of June, 2016.

THE ENGINEER:  
L&G ENGINEERING

THE OWNER:  
HIDALGO COUNTY

Jacinto Garza  
By: Jacinto Garza, P.E.

Ramon Garcia  
Hon. Ramon Garcia, County Judge

ATTEST:

Arturo Guajardo Jr.  
Arturo Guajardo Jr., County Clerk



APPROVED BY  
COMMISSIONERS' COURT  
ON: 6/20/16

**LIST OF ATTACHMENTS**

- ATTACHMENT "A" - Service to be Provided by the Owner
- ATTACHMENT "B" - Services to be Provided by the Engineer
- ATTACHMENT "C" - Work Schedule
- ATTACHMENT "D" - Cost Proposal

0-15-301-09-15

**ATTACHMENT “A”  
Scope of Services (Owner)**

***PROJECT: “Concrete Walking Trail at San Carlos CRC & Sunflower Park” Project in Hidalgo County Precinct No. Four (4)***

***SERVICES TO BE PROVIDED BY OWNER***

The County of Hidalgo will provide **L&G Engineering** with **Construction Documents, Plans and Specifications** for the **“Concrete Walking Trail at San Carlos CRC & Sunflower Park” Project in Hidalgo County Precinct No. Four (4)**

**ATTACHMENT “B”**  
**Scope of Services (Engineer)**

**PROJECT: “Concrete Walking Trail at San Carlos CRC & Sunflower Park” Project In Hidalgo County Precinct No. Four (4)**

**GENERAL SCOPE OF WORK**

The Scope of Work will entail providing **The County of Hidalgo** with **Construction Materials Testing Services**.

The Scope of Work is identified as follows:

- **Construction Materials Testing Services**

L&G Engineering will furnish all equipment, materials, supplies, and incidentals as needed to perform the services required by this Contract: The work is as follows:

**Construction Materials Testing Services**

L&G Engineering will provide **The County of Hidalgo** with **Construction Materials Testing Services** for the **“Concrete Walking Trail at San Carlos CRC & Sunflower Park” Project in Hidalgo County Precinct No. Four (4)**

The services to be provided are as follows:

- Sampling and laboratory testing of soils and base materials proposed for use in the construction of Roads and Bridges to determine compliance of these materials with project plans and specifications.
- Field density testing of soils and base materials to ensure proper compaction as required by project plans and specifications.
- Field sampling and acceptance testing of fresh concrete, and Laboratory testing of hardened concrete to determine compliance with project plans and specifications. The following will not be inclusive of the Scope of Services unless it is otherwise requested:
  - Design Submittal Review
  - Trial Batch to Verify Concrete Design prior to placement
  - Concrete Batch Plant Inspection
- Field Compaction testing of Asphalt to ensure proper compaction during lay down operations.
- Field inspection, sampling and laboratory testing of Asphalt materials to determine their material properties and their compliance with project plans and specifications.
- Any additional laboratory testing as required/requested by **The County of Hidalgo and the project plans and specifications**.

- Provide accurate and timely reports to **The County of Hidalgo** and all/other recipients as designated by the County.

### **Engineering Services**

L&G Engineering will provide an engineer's review of all test results to determine compliance with all project plans and specifications.

### **Scheduling of Services**

L & G Engineering is prepared to make a commitment to **The County of Hidalgo's** materials testing needs. L & G Engineering makes every effort to respond to its clients as requests are received, and every effort will be made to keep scheduling conflicts to a minimum. As any other firm or business providing a service, L & G Engineering prefers to schedule field and laboratory work with as much advance notice as possible. L & G Engineering understands; however, that certain situations may occur when the Client may have a need for Materials Testing Services with as little or no advance notice. During these instances, L & G Engineering will make every effort to dispatch personnel to the project within one (1) hour of the Client's request for services.

**ATTACHMENT “C”  
Work Schedule**

***PROJECT: “Concrete Walking Trail at San Carlos CRC & Sunflower Park” Project In Hidalgo County Precinct No. Four (4)***

***Work Schedule***

**L&G Engineering will provide Hidalgo County Pct. # 4 with Construction Materials Testing Services as outlined in Contract Agreement C-15-301-09-15.**

**ATTACHMENT "D"**  
**Cost Proposal**

***PROJECT: "Concrete Walking Trail at San Carlos CRC & Sunflower Park" Project In Hidalgo County Precinct No. Four (4)***

**See Attached**

**Attachment "D"**  
**L&G Engineering**  
**Concrete Walking Trail at San Carlos CRC & Sunflower Park**  
**Prepared for Hidalgo County Precinct No. 4**

<i>In-Situ Soils/Select Fill Testing-Laboratory</i>					
Standard Proctor	3	Ea.	\$211.99	\$635.97	<i>In Situ Subgrade Moisture-Density Testing on the following:</i>
Atterberg Limits of Soils	3	Ea.	\$82.05	\$246.15	
Material Finer #200	3	Ea.	\$68.46	\$205.38	
Test Report	3	Ea.	\$24.30	\$72.90	<i>Walking Trail Subgrade Walking Trail Select Fill</i>
Technician (Soils)	9	Hr.	\$52.88	\$475.92	
Mileage (Trip Charge)	120	Mi.	\$0.55	\$66.00	
Subtotal:				\$1,702.32	
<i>In-Situ Soils / Select Fill Testing-Field</i>					
Field Density Test	30	Ea.	\$24.63	\$738.90	<i>Testing on the Following: 10 trips to perform testing Walking Trail Subgrade Walking Trail Select Fill</i>
Test Report	10	Ea.	\$24.30	\$243.00	
Technician (Soils)	20	Hr.	\$52.88	\$1,057.60	
Mileage (Trip Charge)	300	Mi.	\$0.55	\$165.00	
Subtotal:				\$2,204.50	
<i>Concrete Placement - Foundations and Drilled Piers</i>					
Air Content(Pressure Method)	10	Ea.	\$24.58	\$245.80	<i>10 site visits for placement testing</i>
Test Report	10	Ea.	\$24.30	\$243.00	
Technician (Concrete)	20	Hr.	\$52.88	\$1,057.60	
Mileage (Trip Charge)	300	Mi.	\$0.55	\$165.00	
Subtotal:				\$1,711.40	
Cyl. Spec. Prep, Hold, Cure	40	Ea.	\$12.36	\$494.40	<i>Quantities based on sample pickup and deliver to laboratory for Compression Testing</i>
Comp. Str. Of Cyl. Specimen	40	Ea.	\$16.40	\$656.00	
Test Reports (7 and 28 day)	20	Ea.	\$24.30	\$486.00	
Technician (Concrete)	20	Hr.	\$52.88	\$1,057.60	
Mileage (Trip Charge)	300	Mi.	\$0.55	\$165.00	
Subtotal:				\$2,859.00	
Estimated Field and Laboratory Test Fees				\$8,477.22	
Laboratory Manager (Report Review)(Hr.)	12		\$105.76	\$1,269.12	
Project Engineer (Report Review)(Hr.)	12		\$133.76	\$1,605.12	
Estimated Materials Testing Total				\$11,351.46	

V B.R.S. 6/28/16

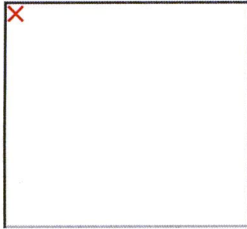
*Jeffy*

**APPROVED**

2. Acceptance and approval of **Work Authorization No. 5** with (an **estimated cost of \$ 11,351.46**) as submitted by project engineer, **L&G Engineering** for Project: **"Construction Material Testing"** for: **"Concrete Walking Trail at San Carlos (CRC) & Sunflower Park"** for **Hidalgo County Precinct No. 4**, in connection to (on call) **GEO Tech & CMT Services Agreement# C-15-301-09-15.**

3. Requesting **clarification/correction** to (AI-53323-CC-2/16/16) **WA#1 [Exhibit D-1-Estimated Fee Schedule and Man hour Breakdown]** in connection to Agreement# **C-16-049-02-16** with **L&G Consulting Engineers, Inc. d/b/a L&G Engineering** for (job specific) Project: **Mile 5 from Taylor Road to FM 2220 (Ware Road)** located within **Hidalgo County Precinct No. 4.**

- C. AI-55098 Approve request for Payment-Application No. 4 in the amount of \$38,394.49 as submitted by Texas Cordia Construction, LLC - Contract# C-16-027-02-03 - PO# 739697 for the provision of Road Construction Services for the Mile 4W (10N - 12N).
- D. AI-55076 Approval of payment request of Invoice #4 as submitted by project engineer, SAMES Engineering in the amount of \$3,665.84 for Work Authorization No. 1 for the Mile 4 (mile 10 - Mile 12) road project through PO# 737687 for the month of June 2016.
- E. AI-55075 Approval of request for payment of Invoice# 6 as submitted by project engineer, SAMES Engineering in the amount of \$1,198.32 for Work Authorization No. 1 for the Mile 4 (Mile 10 - Mile 12) road project through PO# 737687 for the month of May 2016.
- F. AI-55067 Approval of payment of Invoice #S16-009 in the amount \$16,000.00 submitted by South Texas Infrastructure Group, in connection with engineering services provided under Contract C-15-402-01-19(WA#1), for Pct 2 Las Milpas Road project.
- G. AI-55066 Approval of the following with REIM Construction, Inc. contracted vendor for Lorenzana Subdivision - Pct. No. 1 as submitted through project engineer Le Fevre Engineering & Management Consulting, LLC. (C-CAP-15-223-09-29):
  - 1. Application for payment No. 2 (Retainage Release) in the amount of \$11,136.43;
  - 2. "Certificate of Construction Completion" reflecting the completion date of March 05, 2016.



**CONSENT AGENDA  
HIDALGO COUNTY  
COMMISSIONERS COURT  
MEETING  
June 20, 2016  
9:30 A.M.**

**NOTICE is hereby given in accordance with Chapter 551, Texas Government Code, that a SPECIAL 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:**

**NOTICE TO THE PUBLIC  
CONSENT AGENDA**

**The following items are of a routine or administrative nature. The Commissioners Court has been furnished with background and support on each item, and/or it has been discussed at a previous meeting. All items will be acted upon by one vote without being discussed separately unless requested by a Commissioner, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon. The remaining items will be adopted by one vote.**

1. **Approval of check register and payment of claims and bills** - (Payments from Juvenile Probation, Adult Probation, LEOSE Fund, DA Motor Vehicle Theft Fund, DA Check Fraud Fund, DA Forfeiture Fund, Sheriff Forfeiture Funds, Constable Forfeiture Funds, HIDTA Forfeiture Funds and VIT Interest Fund are presented for recording purposes only.)
2. **2016 Intradepartmental transfers:**
  - A. AI-55131 2016 - Justice Court Tech Fund (1242)
  - B. AI-55137 2016 - District Attorney's Office (1100)
  - C. AI-55128 2016 - District Attorney's Office (1281)
  - D. AI-55118 2016 - Co Wide Adm (1100)
  - E. AI-55110 2016 - Pct. 1 Sanitation (1100)