

**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-14-330-09-09**  
**Work Authorization Form**

**WORK AUTHORIZATION NO. 3**

**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 "Hoehn Subdy." 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 \$42,900.53. 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. 3 shall be funded through funding source:  
Account No. \_\_\_\_\_  
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. #3.

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 4/23/15 as indicated below and effective as of 15<sup>th</sup> day of April, 2015.

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: 4/23/15

**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

**ATTACHMENT "A"**  
**Scope of Services (Owner)**

***PROJECT: "Hoehn Subdivision Sanitary Sewer Improvements" 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 ***"Hoehn Subdivision Sanitary Sewer Improvements."*** Project In **Hidalgo County Precinct No. Four (4)**

**ATTACHMENT "B"**  
**Scope of Services (Engineer)**

**PROJECT: "Hoehn Subdivision Sanitary Sewer Improvements" 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 **"Hoehn Subdivision Sanitary Sewer Improvements" 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: "Hoehn Subdivision Sanitary Sewer Improvements" 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-14-330-09-09.**

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

***PROJECT: "Hoehn Subdivision Sanitary Sewer Improvements" Project In Hidalgo County  
Precinct No. Four (4)***

**See Attached**

# L & G Engineering

Consulting Engineers

Attachment "D"  
L&G Engineering

Hoehn Subdivision Sanitary Sewer Improvements  
Prepared for Hidalgo County Precinct No. 4

<i>In-Situ Soils Testing-Laboratory-Sanitary Sewer &amp; Force Main</i>					
Standard Proctor	5	Ea.	\$202.78	\$1,013.90	<i>In Situ Subgrade Moisture-Density Testing on the following: Trenches for 8" and 12" Sanitary Sewer 8" Force Main</i>
Atterberg Limits of Soils	5	Ea.	\$78.48	\$392.40	
Material Finer #200	5	Ea.	\$65.49	\$327.45	
Test Report	5	Ea.	\$23.24	\$116.20	
Technician (Soils)	15	Hr.	\$47.14	\$707.10	
Mileage (Trip Charge)	400	Mi.	\$0.52	\$208.00	
				Subtotal:	\$2,765.05
<i>In-Situ Soils Testing-Field-Sanitary Sewer and Force Main</i>					
Field Density Test	450	Ea.	\$23.56	\$10,602.00	<i>Trench Backfill Field Density Testing on the Following: 8" and 12" Sanitary Sewer and 8" Force Main one test per 250 L.F. per each 12" Layer Total 16,000 L.F. x avg. 7' cover</i>
Test Report	60	Ea.	\$23.24	\$1,394.40	
Technician (Soils)	150	Hr.	\$47.14	\$7,071.00	
Mileage (Trip Charge)	4800	Mi.	\$0.52	\$2,496.00	
				Subtotal:	
<i>Treated Backfill Sand Testing-Laboratory</i>					
Standard Proctor	2	Ea.	\$202.78	\$405.56	<i>Quantity Based On 2 visits to obtain samples for laboratory testing</i>
Atterberg Limits of Soils	2	Ea.	\$78.48	\$156.96	
Test Report	2	Ea.	\$23.24	\$46.48	
Technician (Soils)	3	Hr.	\$47.14	\$141.42	
Mileage (Trip Charge)	160	Mi.	\$0.52	\$83.20	
				Subtotal:	\$833.62
<i>Treated Backfill Sand Soils Testing-Field</i>					
Field Density Test	40	Ea.	\$23.56	\$942.40	<i>Quantity Based On 10 site visits to perform compaction testing</i>
Test Report	10	Ea.	\$23.24	\$232.40	
Technician (Soils)	25	Hr.	\$47.14	\$1,178.50	
Mileage (Trip Charge)	800	Mi.	\$0.52	\$416.00	
				Subtotal:	
<i>Flexible Base (Caliche) Pavement Repair Areas-Testing-Laboratory</i>					
Standard Proctor	1	Ea.	\$202.78	\$202.78	<i>Quantity based on 1 site visit to obtain sample for laboratory testing</i>
Atterberg Limits of Soils	1	Ea.	\$78.48	\$78.48	
Sieve Analysis (Dry)(4 Sieve)	1	Ea.	\$58.85	\$58.85	
Texas Wet Ball Mill	1	Ea.	\$229.11	\$229.11	
Technician (Soils)	4	Hr.	\$47.14	\$188.56	
Test Report	2	Ea.	\$23.24	\$46.48	
Mileage (Trip Charge)	84	Mi.	\$0.52	\$43.68	
				Subtotal:	\$847.94
<i>Flexible Base (Caliche) Pavement Repair Areas-Field Testing and Monitoring</i>					
Field Density Test	40	Ea.	\$23.56	\$942.40	<i>Quantities based on ten (10) visits to perform in-place testing</i>
Test Report	10	Ea.	\$23.24	\$232.40	
Technician (Soils)	25	Hr.	\$47.14	\$1,178.50	
Mileage (Trip Charge)	800	Mi.	\$0.52	\$416.00	
				Subtotal:	
<i>Hot Mix Asphalt Paving-Pavement Repair Areas</i>					
Ext. Sieve Analysis/Asph Content	2	Ea.	\$229.04	\$458.08	<i>Quantities based on site visits to perform testing</i>
Density of Asphaltic Cores	3	Ea.	\$71.96	\$215.88	
Asphalt Rolling Patterns	10	Ea.	\$39.27	\$392.70	
Coring/ACP Thickness	16	Ea.	\$65.49	\$1,047.84	
Technician (Asphalt)	16	Hr.	\$60.18	\$962.88	
Mileage (Trip Charge)	300	Mi.	\$0.52	\$156.00	
Test Report	8	Ea.	\$23.24	\$185.92	
				Subtotal:	\$3,419.30

**Concrete Placement - Lift Station**

Air Content(Pressure Method)	2	Ea.	\$23.51	\$47.02	<i>Assuming 2 Placements on Lift Station Slab</i>
Test Report	2	Ea.	\$23.24	\$46.48	
Technician (Concrete)	6	Hr.	\$60.18	\$361.08	
Mileage (Trip Charge)	200	Mi.	\$0.52	\$104.00	
			Subtotal:	<u>\$558.58</u>	
Cyl. Spec. Prep, Hold, Cure	8	Ea.	\$11.83	\$94.64	<i>Quantities based on sample pickup and deliver to laboratory for Compression Testing</i>
Comp. Str. Of Cyl. Specimen	8	Ea.	\$15.68	\$125.44	
Test Reports (7 and 28 day)	4	Ea.	\$23.24	\$92.96	
Technician (Concrete)	6	Hr.	\$60.18	\$361.08	
Mileage (Trip Charge)	200	Mi.	\$0.52	\$104.00	
			Subtotal:	<u>\$778.12</u>	

Estimated Field and Laboratory Test Fees				\$36,304.61
Engineering Specialist (Report Review)(Hr.)	24	\$117.75		\$2,826.00
Engineer-Principal (Report Review)(Hr.)	24	\$157.08		\$3,769.92
Estimated Materials Testing Total				<u>\$42,900.53</u>

- B. AI-50218** Acceptance and approval of **WORK AUTHORIZATION #3** for **\$42,900.53** submitted by **L&G Engineering Consulting Engineers d/b/a L&G ENGINEERING** contracted (On Call) engineering firm for the purposes of --[Geo Technical and Construction Materials Testing] services for projects located within Hidalgo County Precinct #4 under Contract# C-14-330-09-09 for **PROJECT: [Construction Material Testing Services]** for **HOEHN SUBDIVISION SANITARY SEWER IMPROVEMENTS.**
- APPROVED**

- C. AI-50220** Acceptance and approval of request for payment of Application No. 10 for \$47,642.50 submitted by JCon Construction for the Linn San Manuel Emergency Facility through PO # 712761.

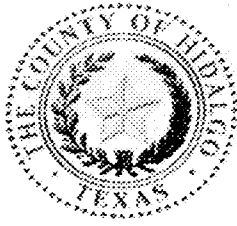
- D. AI-50152** 1. Hidalgo County Juvenile Probation Department Executive Director, Israel "Buddy" Silva is requesting that Commissioners Court permit the Hidalgo County Purchasing to conduct the procurement process only as the HC Juvenile Board of Judges will select and award contract/engagement of the professional provision of: Independent Audit Services;

2. Authority for the HC Purchasing Dept. to advertise and approval of procurement packet developed through collaboration with Juvenile Probation director and staff (i.e., specifications, legal notices, terms, conditions and requirements such as governmental audit guidelines, etc.) as attached hereto for professional: Independent Audit Services [including the authority to re-advertise the project if necessary].

- E. AI-50109** 1. Approval of Request for Payment-Application No. 4 in the amount of \$474,976.25 from Central Air and Heating Services, Inc., awarded contractor for the Sheriff's Office "Adult Detention Center and Law Enforcement Facility Roof &/or Air Condition Repairs &/or Replacement", and as certified for payment by project engineer, Chanin Engineering, and reviewed & initialed by construction manager, Prodigy Construction Management through contract #C-14-047-01-20;

2. Acceptance & approval of Invoice No.1226 in the amount of \$7,623.00, submitted by contracted vendor, Prodigy Construction Management, LLC, C-C-14-360-10-14, for the provision of construction management services for, "Adult Detention and Law Enforcement Facility Repairs and/or Replacement."

3. Acceptance and approval of invoice No. 13159-7 in the amount \$5,988.20 submitted by Chanin Engineering LLC, contracted engineer for the, "Adult Detention and Law Enforcement Facility Repairs and/or Replacement" C-13-133-07-09;



**CONSENT AGENDA  
HIDALGO COUNTY  
COMMISSIONERS COURT  
MEETING  
June 23, 2015  
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 at the Edinburg Council Chambers 415 W. University Drive, 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. AI-50250 Approval of check register and payment of claims and bills -**  
(Payments from Juvenile Probation, Adult Probation, LEOSE Fund, DA Motor Vehicle Theft Fund, DA Bad Check Processing Fund, DA Forfeiture Fund, Sheriff Forfeiture Funds, Constable Forfeiture Funds, HIDTA Forfeiture Funds and VIT Interest Fund are presented for recording purposes only.)
  
- 2. 2015 Intradepartmental transfers:**
  - A. AI-50227 2015 - Tax Office (1100)**
  
  - B. AI-50222 2015 - WIC Lactation Center (1292)**
  
  - C. AI-50215 2015 - 430th District Court (1100)**
  
  - D. AI-50210 2015 - J.P. Pct. 3, Pl. 1 (1100)**
  
  - E. AI-50113 2015 - Facilities Management (1100)**

**10. Budget & Management:**

- A. **AI-50126** Report and approval of emergency transfers for the period of May 1, 2015 through May 30, 2015.
- B. **AI-49856** 1. Approval of reimbursement in the amount of \$952,643.49 to Blue Cross Blue Shield Insurance Company for claims paid on behalf of Hidalgo County from 05/23/15 to 06/05/15.

05/23-29/15	\$337,383.98
06/01-05/15	\$615,259.51
<b>TOTAL</b>	<b>\$952,643.49</b>

2. Approval of wire transfer to cover claims paid.

- C. **AI-50079** Self-Insured (2202)  
Requesting approval of reimbursement of Hidalgo County Workers' Comp. paying account for claims paid by Tristar Risk Management for the period of 05/16-31/2015 in the amount of \$36,832.52 and requesting approval of wire transfer.

**11. Purchasing Dept:****Notes:**

**A. FOR ANY CONTRACTS(S) AWARDED AND APPROVED UNDER THIS AGENDA, EXECUTED COPIES OF THE CONTRACT(S) WILL BE AVAILABLE ON THE COUNTY INTRA-NET WEBSITE AND WILL BE FOWARDED VIA E-MAIL, FAX OR HAND DELIVERED TO HIDALGO COUNTY AUDITOR'S OFFICE.**

**B. ANY AND ALL REQUESTS FOR PAYMENT(S) APPROVED WILL BE SUBJECT TO COUNTY AUDITORS PROCESSING PROCEDURES INCLUDING AUTHORITY FOR COUNTY TREASURER TO ISSUE PAYMENT(S)/CHECK(S).**

- A. **AI-50190** Ratification of fully executed Change Orders No. 1, 2 & 3 in connection with the Pct. #1 -SIOUX ROAD PAVING & DRAINAGE IMPROVEMENTS PROJECT (from Tower Road to Val Verde Road) as recommended by project engineer, Mr. Raul Sesin, P.E, Hidalgo County Drainage District No. 1.