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**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-CAP-08-024-09-02**  
**Work Authorization Form**

**WORK AUTHORIZATION NO. 05**

**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 Laboratory, LLC, 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 Border Colonia Rd. III Project in Hidalgo County Precinct No. Three (3).

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 \$ 105,929.32. 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 3 of the Agreement.

**PART 4. FUNDING**

This Work Authorization No.05 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).

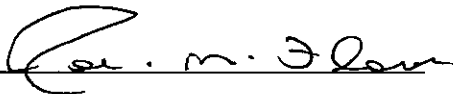
**PART 6. RESPONSIBILITIES AND OBLIGATIONS**

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. 3 Commissioner Joe Flores as to content and detail of this Work Authorization No. # 05.

HIDALGO COUNTY  
COMMISSIONER PRECINCT NO. 3:

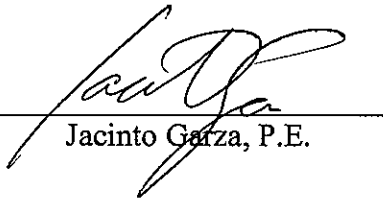
BY: 

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on \_\_\_\_\_ as indicated below and effective as of \_\_\_\_\_ day of \_\_\_\_\_, 2009.

THE ENGINEER:  
L&G ENGINEERING LABORATORY, LLC

THE OWNER:  
HIDALGO COUNTY

By:   
Jacinto Garza, P.E.

By: \_\_\_\_\_  
Juan D. Salinas III, County Judge

ATTEST:

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

**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:*** Border Colonias Rd. III Project in Hidalgo County Precinct No. Three (3)

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

The County of Hidalgo will provide **L&G Engineering Laboratory, LLC** with **Construction Documents, Plans and Specifications** for the **Border Colonias Rd. III Project**.

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

**PROJECT: Border Colonias Rd. III Project in Hidalgo County Precinct No. Three (3)**

***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 Laboratory 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 Laboratory, L.L.C. will provide **The County of Hidalgo** with **Construction Materials Testing Services** for the **Border Colonias Rd. III Project in Hidalgo County Precinct No. Three (3)**.

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 testing of fresh concrete, and Laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- 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 materials 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 Laboratory, L.L.C. 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 Laboratory is prepared to make a commitment to **The County of Hidalgo's** materials testing needs. L & G Engineering Laboratory 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 Laboratory prefers to schedule field and laboratory work with as much advance notice as possible. L & G Engineering Laboratory 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 Laboratory 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:*** Border Colonias Rd. III Project in Hidalgo County Precinct No. Three (3)

***Work Schedule***

**L&G Engineering Laboratory will provide Hidalgo County Pct. # 3 with Construction Materials Testing Services as outlined in Contract Agreement C-CAP-08-024-09-02.**

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

**PROJECT: Border Colonias Rd. III Project in Hidalgo County Precinct No. Three (3).**

**Contract # C-CAP-08-024-09-02**

**Border Colonia RD III**

**Colonia Name**

Ariel Hinojosa	\$	4,098.85	✓
Basham #14	\$	6,950.83	✓
Basham #18	\$	4,700.60	✓
Dude Hill #1	\$	2,465.43	✓
Hilda Subdv. #2	\$	5,117.42	✓
La Homa Grove Estates	\$	4,363.77	✓
La Suena	\$	10,052.99	✓
Monica Acres	\$	3,055.75	✓
Palm Lake Estates #1	\$	25,201.75	✓
Ramon Leal	\$	2,420.99	✓
Vereda Tropical	\$	4,075.38	✓
Casa de los Venos <i>Vecinos</i>	\$	15,131.45	
Loma Linda Heights	\$	18,294.11	
<b>Total</b>	<b>\$</b>	<b>105,929.32</b>	