

## Evangelina Garcia

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**From:** Robert Elizondo [robert.elizondo@co.hidalgo.tx.us]  
**Sent:** Thursday, October 01, 2009 1:05 PM  
**To:** evangelina.garcia@co.hidalgo.tx.us  
**Attachments:** wa # 1 new contrat.pdf

Can you please put this on the next CC

**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-09-328-08-11**  
**Work Authorization Form**

**WORK AUTHORIZATION NO. 1**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of Section L.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 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 Mile 2 West – Mile 9 North to Mile 10 North Project in Hidalgo County Precint No. One (1).

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 **\$4,546.50**. 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. 1 shall be funded through funding source:

Account No. 9-1201-431-00-121-005-0339

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. 1 Commissioner Sylvia Handy as to content and detail of this Work Authorization No. #1.

HIDALGO COUNTY  
COMMISSIONER PRECINCT NO. 1:

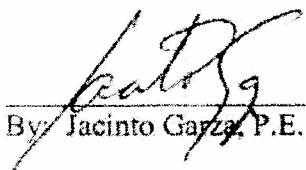
BY: \_\_\_\_\_

**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.

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

ATTEST:

\_\_\_\_\_  
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:*** Mile 2 West - Mile 9 North to Mile 10 North Construction Project.  
In Hidalgo County Precinct No. One (1)

***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 **Mile 2 West - Mile 9 North to Mile 10 North Construction Project**.

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

**PROJECT: Mile 2 West, Mile 9 to Mile 10 Construction Project in Hidalgo County Precinct No. One (1)**

***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 **Mile 2 West, Mile 9 to Mile 10 Construction Project in Hidalgo County Precinct No. One (1)**.

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:*** Mile 2 West – Mile 9 North to Mile 10 North Construction Project in Hidalgo County Precinct No. One (1)

***Work Schedule***

**L&G Engineering Laboratory will provide Hidalgo County Pct. # 1 with Construction Materials Testing Services as outlined in Contract Agreement C-09-328-08-11.**

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

***PROJECT:* Mile 2 West – Mile 9 North to Mile 10 North Construction Project in Hidalgo County Precinct No. One (1).**

**See Attached**

**Attachment "D"**  
**Mile 2 West - Mile 9 North to Mile 10 North (5280 LF.)**  
**Prepared For Hidalgo County Pct. No. 1**

<b>Subgrade Testing - Laboratory</b>				
Tech Time	3	Hrs.	\$43.10	\$129.30
Trip Charge	20	Mi.	\$0.47	\$9.40
Atterberg	2	Ea.	\$71.80	\$143.60
Moisture-Density Determ	2	Ea.	\$185.50	\$371.00
Reports	2	Ea.	\$21.25	\$42.50
Eng. Spec.	1	Hrs.	\$107.70	\$107.70
Engineer	1	Hrs.	\$143.70	\$143.70
<b>Sub.</b>				<b>\$947.20</b>
<b>Subgrade Field Density Testing</b>				
Tech Time	6	Hrs.	\$43.10	\$258.60
Trip Charge	60	Mi	\$0.47	\$28.20
Comp. Test	10	Ea.	\$21.55	\$215.50
Reports	3	Ea.	\$21.25	\$63.75
Eng. Spec.	0.75	Hrs.	\$107.70	\$80.78
Engineer	0.75	Hrs.	\$143.70	\$107.78
<b>Sub.</b>				<b>\$754.60</b>
<b>Roadway Base Materials Testing - Laboratory</b>				
Tech Time	3	Hrs.	\$43.10	\$129.30
Trip Charge	20	Mi.	\$0.47	\$9.40
Sieve Analysis	1	Ea.	\$53.85	\$53.85
Texas Wet Ball Mill	1	Ea.	\$209.55	\$209.55
Atterberg	1	Ea.	\$71.80	\$71.80
Moisture-Density Determ	1	Ea.	\$185.50	\$185.50
Reports	1	Ea.	\$21.25	\$21.25
Eng. Spec.	1	Hrs.	\$107.70	\$107.70
Engineer	1	Hrs.	\$143.70	\$143.70
<b>Sub.</b>				<b>\$932.05</b>
<b>Base Material Field Density Testing</b>				
Tech Time	6	Hrs.	\$43.10	\$258.60
Trip Charge	60	Mi	\$0.47	\$28.20
Comp. Test	10	Ea.	\$21.55	\$215.50
Reports	3	Ea.	\$21.25	\$63.75
Eng. Spec.	0.75	Hrs.	\$107.70	\$80.78
Engineer	0.75	Hrs.	\$143.70	\$107.78
<b>Sub.</b>				<b>\$754.60</b>

*Asphalt Testing-Field and Laboratory*

Tech Time	6	Hrs.	\$55.05	\$330.30
Trip Charge	60	MI	\$0.47	\$28.20
Rolling Patterns	2	Ea.	\$35.95	\$71.90
Laboratory Molded (ga)	1	Pr.	\$65.80	\$65.80
%AC-Grad	1	Ea.	\$209.50	\$209.50
Reports	1	Ea.	\$21.25	\$21.25
Asphalt Thickness	3	Ea.	\$59.90	\$179.70
Eng. Spec.	1	Hrs.	\$107.70	\$107.70
Engineer	1	Hrs.	\$143.70	\$143.70

Sub. \$1,158.05

**Estimated Project Total \$4,546.50**