

**COUNTY of HIDALGO**

**OSCAR L. GARZA, JR.**

1102 N. DOOLITTLE RD.  
EDINBURG, TEXAS 78541  
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COUNTY COMMISSIONER, PCT. No. 4

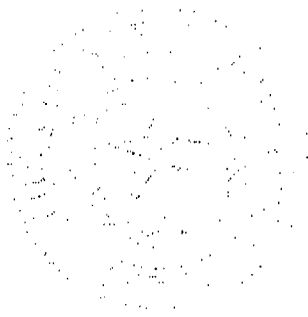
**MEMO**

DATE: NOVEMBER 15, 2006  
TO: HIDALGO COUNTY PURCHASING DEPARTMENT  
C/O LETICIA H. SAENZ  
FROM: HIDALGO COUNTY PRECINCT #4 *Oscar L. Garza, Jr.*  
REF: WORK AUTHORIZATION #5  
C# 05-253-07-19  
ACCT.#: 6-1204-431-00-124-007-0-731 & 841

HIDALGO COUNTY PCT. #4 IS HEREBY REQUESTING WORK AUTHORIZATION #5 IN THE AMOUNT OF \$3,840.75 FOR L & G ENGINEERING LABORATORY, L.L.C. BE PLACED ON THE NEXT COMMISSIONERS' COURT AGENDA.

SHOULD YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CONTACT MY OFFICE, THANK YOU.

CC: COUNTY FILES  
ATTACHMENT: WORK AUTHORIZATION #5



**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-05-253-07-19**  
**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 Owassa Road Construction 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 \$3,840.75. 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. 05 shall be funded through funding source:

Account No. 6-1204-431-00-124-007-0-731 & 841.

Requisition Number \_\_\_\_\_ (MUST BE INCLUDED AFTER CC APPROVAL)



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

***PROJECT:*** Owassa Road Construction Project in Hidalgo County Precinct No. Four (4)

***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 **Owassa Road Construction Project in Hidalgo County Precinct No. Four (4)**.

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

**PROJECT:** Owassa Road, Edinburg, Texas 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 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 **Owassa Road Construction 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 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:*** Owassa Road Construction Project in Hidalgo County Precinct No. Four (4)

***Work Schedule***

**L&G Engineering Laboratory** will provide Hidalgo County Pct. # 4 with **Construction Materials Testing Services** as outlined in **Contract Agreement C-05-253-07-19**.

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

***PROJECT:* Owassa Road Construction Project in Hidalgo County Precinct No. Four (4).**

**See Attached**

# L & G Engineering Laboratory

## Construction Material Testing Geotechnical Engineering

### Attachment I Owassa Drive, Edinburg, Texas Prepared For Hidalgo County Pct. No. 4

Subgrade Laboratory Testing					
Tech Time	3	Hrs.	\$39.35	\$118.05	based on 1 trip and 1 sample for MD Det & Atterberg Limits
Trip Charge	45	Mi	\$0.41	\$18.45	
Proctor	1	Ea.	\$169.35	\$169.35	
Atterberg	1	Ea.	\$65.55	\$65.55	
Reports	2	Ea.	\$17.50	\$35.00	
				<b>Sub.</b>	<b>\$406.40</b>
Subgrade Field Density Testing					
Tech Time	6	Hrs.	\$39.35	\$236.10	based on 2 trips to perform field density testing/subgrade
Trip Charge	90	Mi	\$0.41	\$36.90	
Comp. Test	8	Ea.	\$19.65	\$157.20	
Reports	2	Ea.	\$17.50	\$35.00	
				<b>Sub.</b>	<b>\$465.20</b>
Roadway Base Materials Testing Laboratory					
Tech Time	3	Hrs.	\$39.35	\$118.05	based on 1 trips  to pick up one base mtl sample
Trip Charge	45	Mi.	\$0.41	\$18.45	
Sieve Analysis	1	Ea.	\$49.15	\$49.15	
Texas Wet Ball Mill	1	Ea.	\$191.25	\$191.25	
Moisture-Density Detarm	1	Ea.	\$169.35	\$169.35	
Reports	2	Ea.	\$17.50	\$35.00	
				<b>Sub.</b>	<b>\$581.25</b>
Base Material Field Density Testing					
Tech Time	12	Hrs.	\$39.35	\$472.20	based on 4 trips to perform field density testing on Caliche (2 six inch layers)
Trip Charge	180	Mi	\$0.41	\$73.80	
Comp. Test	16	Ea.	\$19.65	\$314.40	
Reports	2	Ea.	\$17.50	\$35.00	
				<b>Sub.</b>	<b>\$895.40</b>
Asphalt Testing Field and Laboratory					
Tech Time	8	Hrs.	\$50.25	\$402.00	based on 2 trips to perform asphalt rolling patterns, secure samples for laboratory testing and asphalt coring for thickness determination
Trip Charge	90	Mi	\$0.41	\$36.90	
Rolling Patterns	2	Ea.	\$32.80	\$65.60	
Laboratory Molded (ga)	2	Ea.	\$60.10	\$120.20	
%AC-Grad	2	Ea.	\$191.25	\$382.50	
Rice Gravity (gr)	2	Ea.	\$98.35	\$196.70	
Thickness	4	Ea.	\$54.65	\$218.60	
Reports	4	Ea.	\$17.50	\$70.00	
				<b>Sub.</b>	

Total Estimated Materials Testing Fees

\$3,840.75