

**SYLVIA S. HANDY  
COUNTY COMMISSIONER, PCT. 1**

(956) 968-8733 FAX (956) 973-7824  
1902 JOE STEPHENS AVE.  
Weslaco, Texas 78596

**FAX COVERSHEET**

To: Laura Hoya From: John Paul  
Fax: 318-2629 Pages: 36  
Phone: \_\_\_\_\_ Date: 8/13/08  
Re: Work Authorizations CC: \_\_\_\_\_

From: John Paul Lagar, County Access Program Coordinator

Urgent     For Review     Please Comment     Please Reply     Please Recycle

• Comments

For more, please place the following work communications on the local Commissioner's Copy card.  
The color-codes are listed below.

- 1) Beaufort Subdivision      8-1311-431-00-121-130-1-339
- 2) La Paloma Subdivision    8-1311-431-00-121-131-1-339
- 3) Chaparral Subdivision    8-1311-431-00-121-132-1-339
- 4) Highland Subdivision    8-1311-431-00-121-133-1-339

If you have any questions or concerns, please do not hesitate to call me at (956) 968-8733

Thank You.

**Notice of Confidentiality**

THE INFORMATION CONTAINED IN THIS FACSIMILE MESSAGE IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPY OF THIS TELECOPY IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS TELECOPY IN ERROR, PLEASE IMMEDIATELY NOTIFY US BY TELEPHONE AND RETURN THIS MESSAGE TO US AT THE ABOVE ADDRESS VIA THE UNITED STATES POSTAL SERVICE. THANK YOU.

# Memorandum

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**To:** Laura Moya, C.A.P. Purchasing Agent  
**From:** John Paul Lugo, *JPL* Colonia Access Program Coordinator  
**Date:** 8/13/2008  
**Re:** Work Authorizations (L & G Engineering Laboratory)

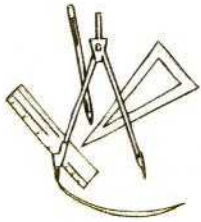
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Mrs. Moya, please place the following work authorizations on the next Commissioner's Court date. The colonia's are listed below.

- |                         |                             |
|-------------------------|-----------------------------|
| 1) Bernal Subdivision   | 8-1311-431-00-121-105-1-339 |
| 2) La Palma Subdivision | 8-1311-431-00-121-391-0-339 |
| 3) Chapa 3 Subdivision  | 8-1311-431-00-121-150-1-339 |
| 4) Highland Subdivision | 8-1311-431-00-121-318-1-339 |

If you have any questions or concerns, please do not hesitate to call me at (956) 968-8733.

Thank You.



# L&G Engineering Laboratory

Construction Material Testing  
Geotechnical Engineering

July 16, 2008

Mr. Joseph Palacios  
Chief Administrator  
County of Hidalgo, Precinct No. 1  
1902 Joe Stevens Drive  
Weslaco, Texas 78596

**RE: Work Authorization No. 3 / Chapa 3-Mile 12 ½ N. Subdivision (between FM 88 & Mile 6 West) Construction Project**

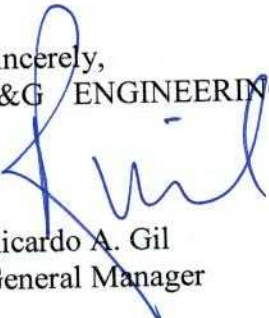
Dear Mr. Palacios:

**L&G Engineering Laboratory, L.L.C. (L&G)**, is thankful for providing you two (2) signed original work authorization forms for Construction Materials Testing Services for the referenced project as per your request. We are attaching the following in duplicate:

- Work Authorization No. 3
- The Scope of Services (Owner) (Attachment A)
- The Scope of Services (Engineer) (Attachment B).
- Work Schedule (Attachment C)
- Project Cost Proposal (Attachment D)

**L & G Engineering Laboratory, L.L.C.** appreciates the opportunity to submit Work Authorization No. 3 and look forward to working with **Hidalgo County Pct. 1**. If I may be of any additional assistance or any additional information is required, please feel free to contact me at 956-565-0760 or 956-463-2008.

Sincerely,  
L&G ENGINEERING LABORATORY, L.L.C.

  
Ricardo A. Gil  
General Manager

Attachments

**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-CAP-08-022-05-20**  
**Work Authorization Form**

**WORK AUTHORIZATION NO. 03**

**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 Chapa 3-Mile 12 ½ N. Subdivision (between FM 88 & Mile 6 West) Project in Hidalgo County Precinct 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 \$2,285.40. 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. 03 shall be funded through funding source:  
Account No. 8-1311-431-00-121-150-1-339.  
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. # 03.

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 \_\_\_\_\_, 2008.

THE ENGINEER:  
L&G ENGINEERING LABORATORY, LLC

THE OWNER:  
HIDALGO COUNTY

\_\_\_\_\_  
By: Jacinto Garza

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

ATTEST:

\_\_\_\_\_  
by: Arturo Guajardo, J.R. - 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:*** Chapa 3-Mile 12 ½ N. Subdivision (between FM 88 & Mile 6 West)  
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 **Chapa 3-Mile 12 ½ N. Subdivision (between FM 88 & Mile 6 West) Construction Project.**

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

**PROJECT: Chapa 3-Mile 12 N. Subdivision (between FM 88 & Mile 6 West) 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 **Chapa 3-Mile 12 ½ N. Subdivision (between FM 88 & Mile 6 West) 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:** Chapa 3-Mile 12 ½ N. Subdivision (between FM 88 & Mile 6 West)  
**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-CAP-08-022-05-20.**

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

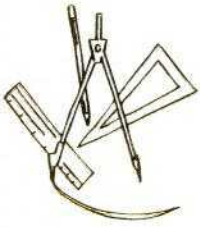
***PROJECT:*** Chapa 3-Mile 12 ½ N. Subdivision (between FM 88 & Mile 6 West)  
Construction Project in Hidalgo County Precinct No. One (1).

**See Attached**

**Attachment "D"**  
**Chapa 3 Mile 12 1/2 North Between FM 88 & Mi. 6 West**  
**Prepared For Hidalgo County Pct. No. 1**

<i>In Situ Subgrade Laboratory Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Proctor	1	Ea.	\$170.20	\$170.20
Atterberg	1	Ea.	\$47.85	\$47.85
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$381.98</b>
<i>In-Situ Subgrade Field Density Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Comp. Test	1	Ea.	\$19.15	\$19.15
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$183.08</b>
<i>Roadway Base Materials Testing - Laboratory</i>				
Tech Time	3	Hrs.	\$43.60	\$130.80
Trip Charge	15	Mi.	\$0.473	\$7.10
Sieve Analysis	1	Ea.	\$47.90	\$47.90
Texas Wet Ball Mill	1	Ea.	\$186.20	\$186.20
Atterberg	1	Ea.	\$47.85	\$47.85
Moisture-Density Determ	1	Ea.	\$170.20	\$170.20
Admin	2	Hrs.	\$42.55	\$85.10
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$723.51</b>
<i>Base Material Field Density Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Comp. Test	1	Ea.	\$19.15	\$19.15
Admin.	0.25	Hrs.	\$42.55	\$10.64
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$172.45</b>
<i>Asphalt Testing-Field and Laboratory</i>				
Tech Time	6	Hrs.	\$53.40	\$320.40
Trip Charge	30	Mi	\$0.473	\$14.19
Rolling Patterns	1	Ea.	\$31.90	\$31.90
Laboratory Molded (ga)	3	Ea.	\$26.60	\$79.80
%AC-Grad	1	Ea.	\$186.10	\$186.10
Rice Gravity (gr)	1	Ea.	\$90.40	\$90.40
Admin.	0.5	Hrs.	\$42.55	\$21.28
Asphalt Thickness	1	Ea.	\$31.95	\$31.95
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$824.38</b>

**Total Estimated Materials Testing Fees \$2,285.40**



# L&G Engineering Laboratory

Construction Material Testing  
Geotechnical Engineering

July 16, 2008

Mr. Joseph Palacios  
Chief Administrator  
County of Hidalgo, Precinct No. 1  
1902 Joe Stevens Drive  
Weslaco, Texas 78596

**RE: Work Authorization No. 4 / La Palma 1 Subdivision (between Mile 7 North 500' East of Midway Rd.) Construction Project**

Dear Mr. Palacios:

**L&G Engineering Laboratory, L.L.C. (L&G)**, is thankful for providing you two (2) signed original work authorization forms for Construction Materials Testing Services for the referenced project as per your request. We are attaching the following in duplicate:

- Work Authorization No. 4
- The Scope of Services (Owner) (Attachment A)
- The Scope of Services (Engineer) (Attachment B).
- Work Schedule (Attachment C)
- Project Cost Proposal (Attachment D)

**L & G Engineering Laboratory, L.L.C.** appreciates the opportunity to submit Work Authorization No. 4 and look forward to working with **Hidalgo County Pct. 1**. If I may be of any additional assistance or any additional information is required, please feel free to contact me at 956-565-0760 or 956-463-2008.

Sincerely,  
L&G ENGINEERING LABORATORY, L.L.C.

  
Ricardo A. Gil  
General Manager

Attachments

# HIDALGO COUNTY

## Professional Engineering Services

Contract # C-CAP-08-022-05-20

### Work Authorization Form

## WORK AUTHORIZATION NO. 04

**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 La Palma 1 Subdivision (between Mile 7 North 500' East of Midway Rd.) Project in Hidalgo County Precinct 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 **\$2,636.65**. 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. **04** shall be funded through funding source: Account No. **8-1311-431-00-121-391-0-339**.

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

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

**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. # 04.

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 \_\_\_\_\_, 2008.

THE ENGINEER:  
L&G ENGINEERING LABORATORY, LLC

THE OWNER:  
HIDALGO COUNTY

\_\_\_\_\_  
By: Jacinto Garza

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

ATTEST:

\_\_\_\_\_  
by: Arturo Guajardo, J.R. - 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:*** La Palma 1 Subdivision (between Mile 7 North 500' East of Midway Rd.)  
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 **La Palma 1 Subdivision (between Mile 7 North 500' East of Midway Rd.) Construction Project**.

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

**PROJECT: La Palma 1 Subdivision (between Mile 7 North 500' East of Midway Rd.)  
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 **La Palma 1 Subdivision (between Mile 7 North 500' East of Midway Rd.) 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:** La Palma 1 Subdivision (between Mile 7 North 500' East of Midway Rd)  
Construction Project in Hidalgo County Precinct No. One (1)

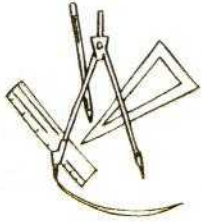
*Work Schedule*

**L&G Engineering Laboratory** will provide **Hidalgo County Pct. # 1** with **Construction Materials Testing Services** as outlined in **Contract Agreement C-CAP-08-022-05-20**.

**Attachment "D"**  
**La Palma 1 Subdivision between Mile 7 N.-500' East of Midway**  
**Prepared For Hidalgo County Pct. No. 1**

<i>In Situ Subgrade Laboratory Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Proctor	1	Ea.	\$170.20	\$170.20
Atterberg	1	Ea.	\$47.85	\$47.85
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$381.98</b>
<i>In-Situ Subgrade Field Density Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Comp. Test	6	Ea.	\$19.15	\$114.90
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$278.83</b>
<i>Roadway Base Materials Testing - Laboratory</i>				
Tech Time	3	Hrs.	\$43.60	\$130.80
Trip Charge	15	Mi.	\$0.473	\$7.10
Sieve Analysis	1	Ea.	\$47.90	\$47.90
Texas Wet Ball Mill	1	Ea.	\$186.20	\$186.20
Atterberg	1	Ea.	\$47.85	\$47.85
Moisture-Density Determ	1	Ea.	\$170.20	\$170.20
Admin	2	Hrs.	\$42.55	\$85.10
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$723.51</b>
<i>Base Material Field Density Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Comp. Test	6	Ea.	\$19.15	\$114.90
Admin.	0.25	Hrs.	\$42.55	\$10.64
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$268.20</b>
<i>Asphalt Testing-Field and Laboratory</i>				
Tech Time	6	Hrs.	\$53.40	\$320.40
Trip Charge	30	Mi	\$0.473	\$14.19
Rolling Patterns	1	Ea.	\$31.90	\$31.90
Laboratory Molded (ga)	3	Ea.	\$26.60	\$79.80
%AC-Grad	1	Ea.	\$186.10	\$186.10
Rice Gravity (gr)	1	Ea.	\$90.40	\$90.40
Admin.	0.5	Hrs.	\$42.55	\$21.28
Asphalt Thickness	6	Ea.	\$31.95	\$191.70
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$984.13</b>

**Total Estimated Materials Testing Fees \$2,636.65**



# L&G Engineering Laboratory

Construction Material Testing  
Geotechnical Engineering

July 16, 2008

Mr. Joseph Palacios  
Chief Administrator  
County of Hidalgo, Precinct No. 1  
1902 Joe Stevens Drive  
Weslaco, Texas 78596

**RE: Work Authorization No. 1 / Bernal Subdivision (between FM 491 & Mile 12 North)  
Construction Project**

Dear Mr. Palacios:

**L&G Engineering Laboratory, L.L.C. (L&G)**, is thankful for providing you two (2) signed original work authorization forms for Construction Materials Testing Services for the referenced project as per your request. We are attaching the following in duplicate:

- Work Authorization No. 1
- The Scope of Services (Owner) (Attachment A)
- The Scope of Services (Engineer) (Attachment B).
- Work Schedule (Attachment C)
- Project Cost Proposal (Attachment D)

**L & G Engineering Laboratory, L.L.C.** appreciates the opportunity to submit Work Authorization No. 1 and look forward to working with **Hidalgo County Pct. 1**. If I may be of any additional assistance or any additional information is required, please feel free to contact me at 956-565-0760 or 956-463-2008.

Sincerely,  
L&G ENGINEERING LABORATORY, L.L.C.

Ricardo A. Gil  
General Manager

Attachments

# HIDALGO COUNTY

## Professional Engineering Services

Contract # C-CAP-08-022-05-20

### Work Authorization Form

## WORK AUTHORIZATION NO. 01

**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 Bernal Subdivision (between FM 491 & Mile 12 North) Project in Hidalgo County Precinct 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 **\$2,458.86**. 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. 01 shall be funded through funding source:

Account No. 8-1311-4.31-00-121-105-1-339

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

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

**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. # 01.

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 \_\_\_\_\_, 2008.

THE ENGINEER:  
L&G ENGINEERING LABORATORY, LLC

THE OWNER:  
HIDALGO COUNTY

\_\_\_\_\_  
By: Jacinto Garza

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

ATTEST:

\_\_\_\_\_  
by: Arturo Guajardo, J.R. - 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:*** Bernal Subdivision (between FM 491 & Mile 12 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 **Bernal Subdivision (between FM 491 & Mile 12 North) Construction Project**.

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

**PROJECT: Bernal Subdivision (between FM 491 & Mile 12 North) 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 **Bernal Subdivision (between FM 491 & Mile 12 North) 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 "D"**  
**Cost Proposal**

***PROJECT:*** Bernal Subdivision (between FM 491 & Mile 12 North) Construction Project  
in Hidalgo County Precinct No. One (1).

**See Attached**

**ATTACHMENT "C"**  
**Work Schedule**

***PROJECT:*** Bernal Subdivision (between FM 491 & Mile 12 North) Construction Project  
in Hidalgo County Precinct No. One (1)

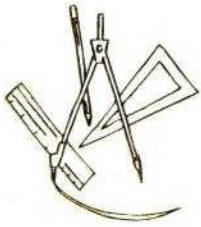
***Work Schedule***

**L&G Engineering Laboratory** will provide **Hidalgo County Pct. # 1** with **Construction Materials Testing Services** as outlined in **Contract Agreement C-CAP-08-022-05-20**.

**Attachment "D"**  
**Bernal Subdivision (between FM 491 & Mile 12 North)(Approx. 1,237 L.F.)**  
**Prepared For Hidalgo County Pct. No. 1**

<i>In Situ Subgrade Laboratory Testing</i>				
Tech Time	3	Hrs.	\$43.60	\$130.80
Trip Charge	15	Mi	\$0.473	\$7.10
Proctor	1	Ea.	\$170.20	\$170.20
Atterberg	1	Ea.	\$47.85	\$47.85
Admin.	1	Hrs.	\$42.55	\$42.55
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$446.86</b>
<i>In-Situ Subgrade Field Density Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Comp. Test	3	Ea.	\$19.15	\$57.45
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$221.38</b>
<i>Roadway Base Materials Testing - Laboratory</i>				
Tech Time	3	Hrs.	\$43.60	\$130.80
Trip Charge	15	Mi.	\$0.473	\$7.10
Sieve Analysis	1	Ea.	\$47.90	\$47.90
Texas Wet Ball Mill	1	Ea.	\$186.20	\$186.20
Atterberg	1	Ea.	\$47.85	\$47.85
Moisture-Density Determ	1	Ea.	\$170.20	\$170.20
Admin	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$659.68</b>
<i>Base Material Field Density Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Comp. Test	3	Ea.	\$19.15	\$57.45
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$221.38</b>
<i>Asphalt Testing-Field and Laboratory</i>				
Tech Time	6	Hrs.	\$53.40	\$320.40
Trip Charge	30	Mi	\$0.473	\$14.19
Rolling Patterns	1	Ea.	\$31.90	\$31.90
Laboratory Molded (ga)	3	Ea.	\$26.60	\$79.80
%AC-Grad	1	Ea.	\$186.10	\$186.10
Rice Gravity (gr)	1	Ea.	\$90.40	\$90.40
Admin.	1	Hrs.	\$42.55	\$42.55
Asphalt Thickness	3	Ea.	\$31.95	\$95.85
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$909.55</b>

**Total Estimated Materials Testing Fees \$2,458.86**



# L&G Engineering Laboratory

Construction Material Testing  
Geotechnical Engineering

July 16, 2008

Mr. Joseph Palacios  
Chief Administrator  
County of Hidalgo, Precinct No. 1  
1902 Joe Stevens Drive  
Weslaco, Texas 78596

**RE: Work Authorization No. 2 / Highland Subdivision (between FM 491 & ¼ Mile East on Mile 9 North) Construction Project**

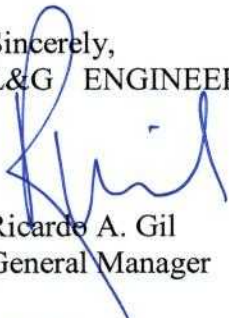
Dear Mr. Palacios:

**L&G Engineering Laboratory, L.L.C. (L&G)**, is thankful for providing you two (2) signed original work authorization forms for Construction Materials Testing Services for the referenced project as per your request. We are attaching the following in duplicate:

- Work Authorization No. 2
- The Scope of Services (Owner) (Attachment A)
- The Scope of Services (Engineer) (Attachment B).
- Work Schedule (Attachment C)
- Project Cost Proposal (Attachment D)

**L & G Engineering Laboratory, L.L.C.** appreciates the opportunity to submit Work Authorization No. 2 and look forward to working with **Hidalgo County Pct. 1**. If I may be of any additional assistance or any additional information is required, please feel free to contact me at 956-565-0760 or 956-463-2008.

Sincerely,  
L&G ENGINEERING LABORATORY, L.L.C.

  
Ricardo A. Gil  
General Manager

Attachments

# HIDALGO COUNTY

## Professional Engineering Services

Contract # C-CAP-08-022-05-20

### Work Authorization Form

## WORK AUTHORIZATION NO. 02

**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 Highland Subdivision (between FM 491 & ¼ Mile East on Mile 9 North) Project in Hidalgo County Precinct 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 **\$2,491.29**. 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. 02 shall be funded through funding source:

Account No. 8-1311-431-00-121-318-1-339.

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

ATTACHMENT "A" - Services to be Provided by the Owner

ATTACHMENT "B" - Services to be Provided by the Engineer

ATTACHMENT "C" - Work Schedule

ATTACHMENT "D" - Cost Proposal

**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. # 02.

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 \_\_\_\_\_, 2008.

THE ENGINEER:  
L&G ENGINEERING LABORATORY, LLC

THE OWNER:  
HIDALGO COUNTY

\_\_\_\_\_  
By: Jacinto Garza

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

ATTEST:

\_\_\_\_\_  
by: Arturo Guajardo, J.R. - 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:*** Highland Subdivision (between FM 491 & ¼ Mile East on Mile 9 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 **Highland Subdivision (between FM 491 & ¼ Mile East on Mile 9 North) Construction Project**.

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

**PROJECT: Highland Subdivision (between FM 491 & ¼ Mile East on Mile 9 North) 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 **Highland Subdivision (between FM 491 & ¼ Mile East on Mile 9 North) 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:** Highland Subdivision (between FM 491 & ¼ Mile East on Mile 9 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-CAP-08-022-05-20**.

**Attachment "D"**  
**Highland Subdivision (between FM 491 1/4 Mile East on Mile 9 North)**  
**Prepared For Hidalgo County Pct. No. 1**

<i>In Situ Subgrade Laboratory Testing</i>				
Tech Time	3	Hrs.	\$43.60	\$130.80
Trip Charge	15	Mi	\$0.473	\$7.10
Proctor	1	Ea.	\$170.20	\$170.20
Atterberg	1	Ea.	\$47.85	\$47.85
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$425.58</b>
<i>In-Situ Subgrade Field Density Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Comp. Test	4	Ea.	\$19.15	\$76.60
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$240.53</b>
<i>Roadway Base Materials Testing - Laboratory</i>				
Tech Time	3	Hrs.	\$43.60	\$130.80
Trip Charge	15	Mi.	\$0.473	\$7.10
Sieve Analysis	1	Ea.	\$47.90	\$47.90
Texas Wet Ball Mill	1	Ea.	\$186.20	\$186.20
Atterberg	1	Ea.	\$47.85	\$47.85
Moisture-Density Determ	1	Ea.	\$170.20	\$170.20
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$659.68</b>
<i>Base Material Field Density Testing</i>				
Tech Time	2	Hrs.	\$43.60	\$87.20
Trip Charge	15	Mi	\$0.473	\$7.10
Comp. Test	4	Ea.	\$19.15	\$76.60
Admin.	0.5	Hrs.	\$42.55	\$21.28
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$240.53</b>
<i>Asphalt Testing-Field and Laboratory</i>				
Tech Time	6	Hrs.	\$53.40	\$320.40
Trip Charge	40	Mi	\$0.473	\$18.92
Rolling Patterns	1	Ea.	\$31.90	\$31.90
Laboratory Molded (ga)	3	Ea.	\$26.60	\$79.80
%AC-Grad	1	Ea.	\$186.10	\$186.10
Rice Gravity (gr)	1	Ea.	\$90.40	\$90.40
Admin.	0.5	Hrs.	\$42.55	\$21.28
Asphalt Thickness	4	Ea.	\$31.95	\$127.80
Eng. Spec.	0.25	Hrs.	\$58.50	\$14.63
Engineer	0.25	Hrs.	\$134.95	\$33.74
<b>Sub.</b>				<b>\$924.96</b>

**Total Estimated Materials Testing Fees \$2,491.29**