



County of Hidalgo Pct. 4

Commissioner Joseph Palacios
1051 N. Doolittle Road
Edinburg Texas 78542-0337

MEMO

DATE: OCTOBER 23, 2013
TO: PURCHASING DEPARTMENT
C/O LETICIA "LETTY" SAENZ CPPB/CONTRACTS MANAGER
FROM: HIDALGO COUNTY PCT. #4 *HAB*
REF: WORK AUTHORIZATION #3
C-12-122-06-12

HIDALGO COUNTY PRECINCT #4 IS HEREBY REQUESTING THE FOLLOWING INVOICE # 13-6-000010 WORK AUTHORIZATION #3 IN THE AMOUNT OF \$1,804.29 FOR L & G ENGINEERING LABORATORY BE PLACED ON THE NEXT COMMISSIONERS' COURT FOR APPROVAL.

FUNDING FOR THIS PROJECT WILL BE FROM PURCHASE ORDER # 694431 ACCOUNT # 3-1342-419-40-124-126-0-739

SHOULD YOU HAVE ANY QUESTIONS, PLEASE CONTACT OUR OFFICE, THANK YOU.

VERONICA LOPEZ *VL*
BUDGET ANALYST II

CC: COUNTY FILES
ATTACHMENTS: Inv. # 13-6-000010

L&G Engineering Laboratory

Construction Material Testing Geotechnical Engineering

COPY

INVOICE

Invoice Date: 06/21/2013
Invoice No: 13-6-000010

Page 1 of 3

2100 W. Expressway 83
Mercedes, TX 78570
Office (956) 565-0760 Fax (956) 565-6746

Client Address: Hidalgo County Pct. #4
1102 N. Doolittle Rd.
Edinburg, TX. 78539

Account No.: L130
Project No: L1301302
Project Desc.: "M" Rd Parking Lot

Due Date: UPON RECEIPT
Budget/Remaining: \$6,065.14 / \$4,260.85

===== Invoice Summary by Billing Code =====

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
910:91004 - Atterberg Limits Det	\$77.32	1.00	\$77.32
910:91006 - Materials Finer #200	\$64.52	1.00	\$64.52
910:91009 - M-D ASTM D698 (Standard Proctor) (each)	\$199.78	1.00	\$199.78
910:91011 - Field Density (Nuclear Method)	\$23.21	14.00	\$324.94
940:94048 - Eng. Tech. (Soils / SP.)	\$46.44	12.00	\$557.28
940:94054 - Engineering Specialist	\$116.01	1.25	\$145.00
940:94055 - Engineer / P.E.	\$154.76	1.25	\$193.45
950:95058 - Vehicle Trip Charge	\$0.51	250.00	\$127.50
950:95061 - Test Report	\$22.90	5.00	\$114.50
Total for this Invoice:			\$1,804.29

===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R001	05/21/2013	1.00	910:91004 - Atterberg Limits Det	Each	\$77.32	\$77.32
R001	05/21/2013	1.00	910:91006 - Materials Finer #200	Each	\$64.52	\$64.52
R001	05/21/2013	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$199.78	\$199.78
R001	05/21/2013	3.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$46.44	\$139.32
R001	05/21/2013	0.25	940:94054 - Engineering Specialist	Hour	\$116.01	\$29.00
R001	05/21/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$154.76	\$38.69
R001	05/21/2013	50.00	950:95058 - Vehicle Trip Charge	Mile	\$0.51	\$25.50
R001	05/21/2013	1.00	950:95061 - Test Report	Each	\$22.90	\$22.90
Report Number R001 for a Subtotal of:						\$597.03

REMIT TO: 2100 W. Expressway 83
Mercedes, TX 78570
Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days

PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH
PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT

L&G Engineering Laboratory

Construction Material Testing Geotechnical Engineering

INVOICE

Invoice Date: 06/21/2013

Invoice No: 13-6-000010

Page 2 of 3

2100 W. Expressway 83
Mercedes, TX 78570
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===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R002	05/24/2013	6.00	910:91011 - Field Density (Nuclear Method)	Each	\$23.21	\$139.26
R002	05/24/2013	3.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$46.44	\$139.32
R002	05/24/2013	0.25	940:94054 - Engineering Specialist	Hour	\$116.01	\$29.00
R002	05/24/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$154.76	\$38.69
R002	05/24/2013	50.00	950:95058 - Vehicle Trip Charge	Mile	\$0.51	\$25.50
R002	05/24/2013	1.00	950:95061 - Test Report	Each	\$22.90	\$22.90
Report Number R002 for a Subtotal of:						\$394.67
R003	06/05/2013	4.00	910:91011 - Field Density (Nuclear Method)	Each	\$23.21	\$92.84
R003	06/05/2013	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$46.44	\$92.88
R003	06/05/2013	0.25	940:94054 - Engineering Specialist	Hour	\$116.01	\$29.00
R003	06/05/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$154.76	\$38.69
R003	06/05/2013	50.00	950:95058 - Vehicle Trip Charge	Mile	\$0.51	\$25.50
R003	06/05/2013	1.00	950:95061 - Test Report	Each	\$22.90	\$22.90
Report Number R003 for a Subtotal of:						\$301.81
R004	06/07/2013	3.00	910:91011 - Field Density (Nuclear Method)	Each	\$23.21	\$69.63
R004	06/07/2013	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$46.44	\$92.88
R004	06/07/2013	0.25	940:94054 - Engineering Specialist	Hour	\$116.01	\$29.00
R004	06/07/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$154.76	\$38.69
R004	06/07/2013	50.00	950:95058 - Vehicle Trip Charge	Mile	\$0.51	\$25.50
R004	06/07/2013	1.00	950:95061 - Test Report	Each	\$22.90	\$22.90
Report Number R004 for a Subtotal of:						\$278.60
R005	06/14/2013	1.00	910:91011 - Field Density (Nuclear Method)	Each	\$23.21	\$23.21
R005	06/14/2013	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$46.44	\$92.88
R005	06/14/2013	0.25	940:94054 - Engineering Specialist	Hour	\$116.01	\$29.00
R005	06/14/2013	0.25	940:94055 - Engineer / P.E.	Hour	\$154.76	\$38.69
R005	06/14/2013	50.00	950:95058 - Vehicle Trip Charge	Mile	\$0.51	\$25.50

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PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH
PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT

L&G Engineering Laboratory

**Construction Material Testing
Geotechnical Engineering**

INVOICE

Invoice Date: 06/21/2013

Invoice No: 13-6-000010

Page 3 of 3

2100 W. Expressway 83
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===== Invoice Detail by Report =====

<u>Report No.</u>	<u>Sampled</u>	<u>Qty</u>	<u>Billing Code</u>	<u>Unit Type</u>	<u>Unit Rate</u>	<u>Extension</u>
R005	06/14/2013	1.00	950:95061 - Test Report	Each	\$22.90	\$22.90
Report Number R005 for a Subtotal of:						\$232.18
Total for this Invoice:						\$1,804.29

3-1342 419 40-124-126-0-739
 Pct. # 800
 Pur. Req. # 237454
 P.O. # 694431 *RAB*

Invoice Received By: [Signature] on _____
 Goods/Services Received By: [Signature] on 10/22/13

REMIT TO: 2100 W. Expressway 83
 Mercedes, TX 78570
 Office (956) 565-0760 Fax (956) 565-6746

Net 30 Days

PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH
 PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT



**PROCTOR
 TEST REPORT**

Project Description: "M" Rd Parking Lot
 Client: Hidalgo County Pct. #4

L&G Project Number: L1301302

L&G Report Number: R001

Sample Date: 05/21/2013

Date Reported: 05/23/2013

Field Number: IS MD1

Compaction Method: ASTM D-698

Specific Gravity: 2.65

Material Description: In-situ Subgrade

Liquid Limit: 46

Plastic Limit: 15

Plasticity Index: 31

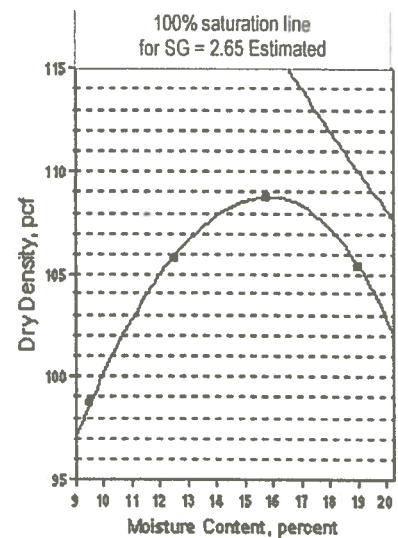
% Passing No. 200: 64

Group Symbol: CL

Specimen No.:	1	2	3	4
Moisture, %:	9.5	12.6	15.8	18.9
Dry Density (pcf):	98.70	105.7	108.7	105.6

Maximum Dry Density in P.C.F.: 108.7

Optimum Moisture (%): 15.9



Remarks: Sample was obtained from the center of parking lot (Composite Sample)

Test Method: ASTM D-698 Method-A, ASTM D-4318, ASTM D-1140

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Raul Sesin
 (1-cc copy)
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



PROCTOR TEST REPORT

Project Description: "M" Rd Parking Lot
Client: Hidalgo County Pct. #4

L&G Project Number: L1301302

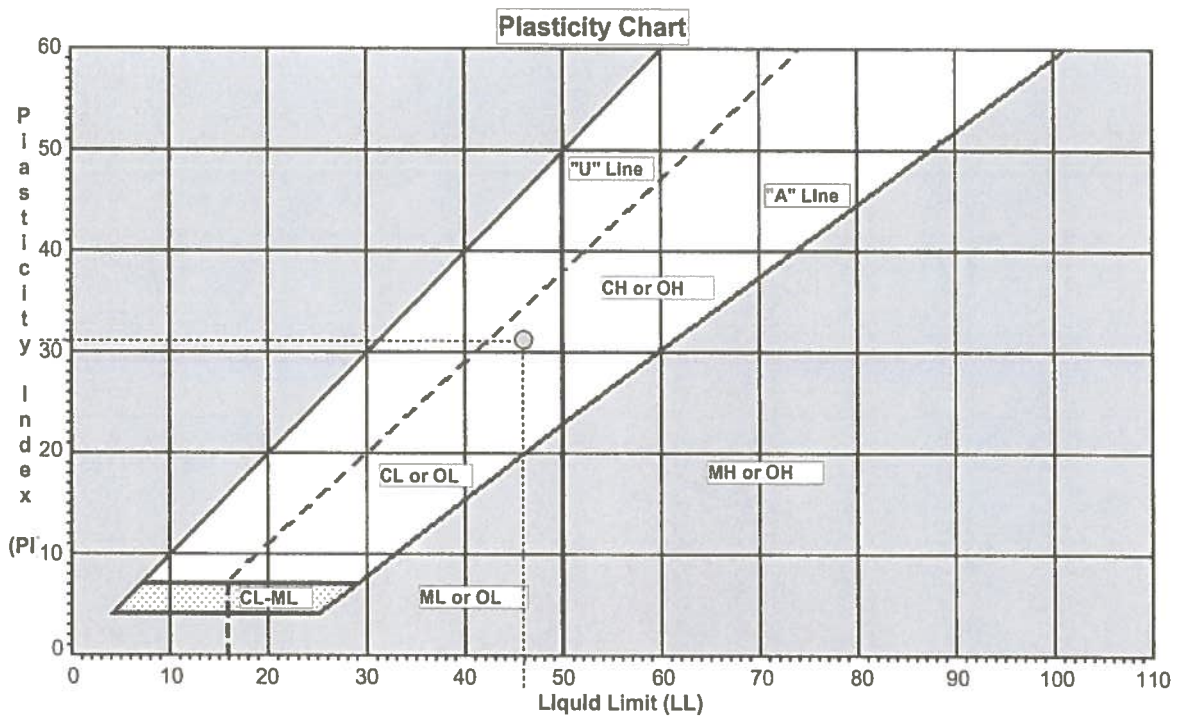
L&G Report Number: R001

Sample Date: 05/21/2013

Date Reported: 05/23/2013

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Field Number: IS MD1



Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
(Edinburg, TX) Attn: Raul Sesin
(1-cc copy)
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



FIELD DENSITIES
TEST REPORT

Project Description: "M" Rd Parking Lot
 Client: Hidalgo County Pct. #4

L&G Project Number: L1301302

L&G Report Number: R002

Sample Date: 05/24/2013

Date Reported: 05/24/2013

Page 1 of 1

Material Description	Subgrade	
Required % Proctor	95	Moisture Tolerance -2+3
	Proctor No	Optimum % Moisture
	IS MD1	15.9
		Opt. Density, LB/CF
		108.7

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Depth (inch)
1	Parking Lot 230ft N x 300ft E from SW / Final Lift	IS MD1	9.3%	109.3 pcf	100.6% (Fail)	12"
2	Parking Lot 200ft N x 80ft E from SW / Final Lift	IS MD1	11.7%	107.1 pcf	98.5% (Fail)	12"
3	Parking Lot 180ft N x 270ft E from SW / Final Lift	IS MD1	13.1%	102.5 pcf	94.3% (Fail)	12"
4	Parking Lot 165ft N x 100ft E from SW / Final Lift	IS MD1	13.0%	109.3 pcf	100.6% (Fail)	12"
5	Parking Lot 158ft N x 200ft E from SW / Final Lift	IS MD1	10.1%	107.9 pcf	99.3% (Fail)	12"
6	Parking Lot 140ft N x 90ft E from SW / Final Lift	IS MD1	11.4%	104.3 pcf	96.0% (Fail)	12"

Remarks: Test results failed to meet project requirements.
 Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Raul Sesin
 (1-cc copy)
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



**FIELD DENSITIES
 TEST REPORT**

Project Description: "M" Rd Parking Lot
 Client: Hidalgo County Pct. #4

L&G Project Number: L1301302
 L&G Report Number: R003

Sample Date: 06/05/2013
 Date Reported: 06/05/2013

Page 1 of 1

Material Description	Subgrade	
Required % Proctor	95	Moisture Tolerance -2+3
	Proctor No	Optimum % Moisture
	IS MD1	15.9
		Opt. Density, LB/CF
		108.7

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Depth (inch)
1	Parking Lot South End 60ft s x 30ft W from NE Corner	IS MD1	15.6%	109.0 pcf	100.3% (Pass)	6"
2	Parking Lot South End 60ft S x 150ft W from NE Corner	IS MD1	13.9%	104.6 pcf	96.2% (Pass)	6"
3	Parking Lot South end 60ft S x 250ft W from NE Corner	IS MD1	14.0%	106.6 pcf	98.1% (Pass)	6"
4	Parking Lot South End 50ft S x 300ft W from NE Corner	IS MD1	14.1%	106.5 pcf	98.0% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Raul Sesin
 (1-cc copy)
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



FIELD DENSITIES
TEST REPORT

Project Description: "M" Rd Parking Lot
 Client: Hidalgo County Pct. #4

L&G Project Number: L1301302
 L&G Report Number: R004

Sample Date: 06/07/2013

Date Reported: 06/07/2013

Page 1 of 1

Material Description	Subgrade	
Required % Proctor	95	Moisture Tolerance -2+3
	Proctor No	Optimum % Moisture
	IS MD1	15.9
		Opt. Density, LB/CF
		108.7

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Depth (inch)
1	Parking Lot 350ft W x 40ft N of SE Corner	IS MD1	18.4%	103.6 pcf	95.3% (Pass)	6"
2	Parking Lot 350ft W x 20ft N of SE Corner	IS MD1	14.0%	105.2 pcf	96.8% (Pass)	6"
3	Parking Lot 300ft w x 40ft N of SE Corner	IS MD1	15.8%	104.0 pcf	95.7% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Raul Sesin
 (1-cc copy)
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager



**FIELD DENSITIES
 TEST REPORT**

Project Description: "M" Rd Parking Lot
 Client: Hidalgo County Pct. #4

L&G Project Number: L1301302
 L&G Report Number: R005
 Sample Date: 06/14/2013
 Date Reported: 06/14/2013

Page 1 of 1

Material Description	In-Situ Subgrade	
Required % Proctor	95	Moisture Tolerance -2+3
	Proctor No	Optimum % Moisture
	IS MD1	15.9
		Opt. Density, LB/CF
		108.7

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Depth (inch)
1	South Parking Lot Rd. 18ft N x 480ft W of SE Corner of Lot	IS MD1	16.3%	105.2 pcf	96.8% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.
 Test Methods: ASTM D2922, D3017

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Raul Sesin
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