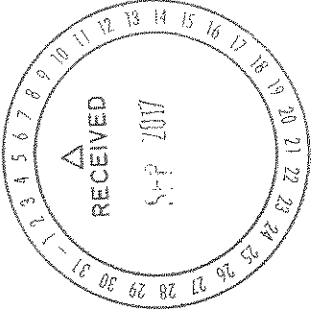


L&G Engineering

Transportation Consultants

August 29, 2017



Commissioner Joseph Palacios
Hidalgo County Precinct No. 4
Attn: Maria "Lulu" Lucio
1102 N. Doolittle Rd.
Edinburg, TX 78539

RE: San Carlos CRC Landscaping, Irrigation & Retaining Wall
Contract No. # C-16-305-10-04 - Work Authorization # 1
Project No. # E130602
P.O. # 751864

Dear Ms. Lucio:

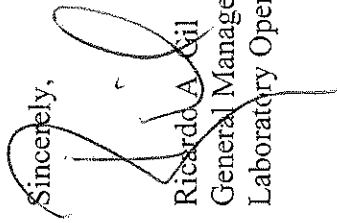
Attached for your review and approval is our invoice for the services rendered under Work Authorization #1 on the subject referenced project for the month of August.

The following is attached:

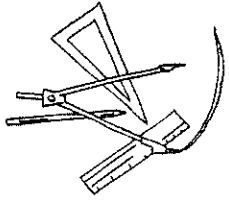
- L&G's Invoice # 17-8-000005
- Test Reports and progress letters as prepared and forwarded to Pct. No. 4 and all parties involved on the project.

Should you have any questions regarding this submittal or would like clarification on any aspect of the project, please do not hesitate to call me at (956) 565-0760.

Sincerely,



Ricardo A. Gil
General Manager
Laboratory Operations



L&G Engineering

Transportation Consultants

August 29, 2017

Commissioner Joseph Palacios
Hidalgo County, Pct. #4
Attn: Maria "LuLu" Lucio
1102 N. Doolittle Rd.
Edinburg, Texas 78539

RE: San Carlos CRC Landscaping, Irrigation, & Retaining Wall (WA #1)

Dear Ms. Lucio:

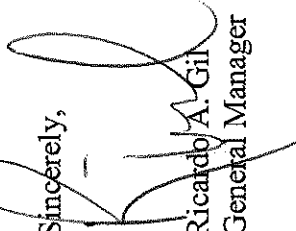
Included for your use with this letter is an invoice and test reports **R006-56 and R008-28 for Laboratory Testing of Ready-Mixed Concrete.**

Based on the 28 day compressive strength test results obtained on test report (R006-28) (Retaining Wall Footing placed on June 9, 2017), the specimens representing this concrete placement have failed to achieve the required 3000 psi at 28 days. One specimen was retained for testing at 56 days. The specimen tested at 56 days has failed to achieve the required 3000 psi.

L&G Engineering appreciates the opportunity to serve your material testing needs on this project. Please feel free to contact me to discuss the contents of this letter and test reports.

If you have any questions, feel free to contact me at 956-565-0760.

Sincerely,



Ricardo A. Gil
General Manager

Attachments

cc: Mr. Manuel Leal, G & G Contractors -Contractor
Mr. Hector R. Garcia, Mata Garcia Architects, LLP
Mr. Craig A. Gonzales, P.E., Urban Infrastructure Group, Inc.



L&G Consulting Engineers, Inc.

INVOICE

Invoice Date: 08/30/2017
Invoice No: 17-8-000005

Page 1 of 2

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

Client Address: Hidalgo County Pct. #4
Maria Lucio, Program Manager
1102 N. Doolittle Rd.

Edinburg, TX. 78539

Account No.: E130

Project No: E130602

Project Desc.: San Carlos CRC Landscaping, Irrigation, &
Retaining Wall (WA #1)

Due Date: UPON RECEIPT

Budget/Remaining: \$9,501.62 / \$6,363.35

PO: 751864

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

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
920:92034 - Comp. Strength of Cyl. Specimen	\$12.00	3.00	\$36.00
940:94047 - Eng. Tech. (Concrete / Lab)	\$48.11	0.75	\$36.09
940:94054 - Laboratory Manager (Specialist)	\$96.22	0.50	\$48.12
940:94055 - Engineer / P.E.	\$121.69	0.50	\$60.84
950:95060 - Administrative / Clerical	\$56.60	0.50	\$28.30
950:95061 - Test Report	\$23.59	2.00	\$47.18
Total for this Invoice:			\$256.53

===== 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>
R006-56	06/09/2017	1.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$12.00	\$12.00
R006-56	06/09/2017	0.25	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$48.11	\$12.03
R006-56	06/09/2017	0.25	940:94054 - Laboratory Manager (Specialist)	Hour	\$96.22	\$24.06
R006-56	06/09/2017	0.25	940:94055 - Engineer / P.E.	Hour	\$121.69	\$30.42
R006-56	06/09/2017	0.25	950:95060 - Administrative / Clerical	Hour	\$56.60	\$14.15
R006-56	06/09/2017	1.00	950:95061 - Test Report	Each	\$23.59	\$23.59
Report Number R006-56 for a Subtotal of:						\$116.25
R008-28	06/20/2017	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$12.00	\$24.00
R008-28	06/20/2017	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$48.11	\$24.06
R008-28	06/20/2017	0.25	940:94054 - Laboratory Manager (Specialist)	Hour	\$96.22	\$24.06

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

Net 30 Days

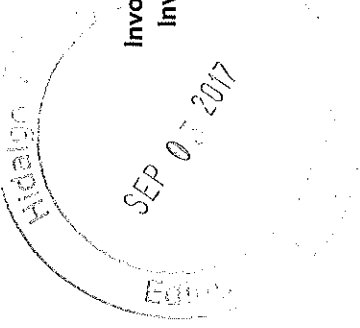
PAST DUE BALANCES SUBJECT TO 1.5% SERVICE CHARGE PER MONTH
PLEASE REFERENCE INVOICE NUMBER WITH PAYMENT

 **L&G Consulting Engineers, Inc.**

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

INVOICE
 Invoice Date: 08/30/2017
 Invoice No: 17-8-000005

Page 2 of 2



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

Report No.	Sampled	Qty	Billing Code	Unit Type	Unit Rate	Extension
R008-28	06/20/2017	0.25	940:94055 - Engineer / P.E.	Hour	\$121.69	\$30.42
R008-28	06/20/2017	0.25	950:95060 - Administrative / Clerical	Hour	\$56.60	\$14.15
R008-28	06/20/2017	1.00	950:95061 - Test Report	Each	\$23.59	\$23.59
Report Number R008-28 for a Subtotal of:						\$140.28
Total for this Invoice:						\$256.53

Invoice Received By: VS/RS/17
 Goods/Services Received By: _____
 on 9/5/17
 at _____

7-1100-41900-124-1230-740
 PCT# 1257
 REQ# 708737
 PO# 751864

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

Budget: \$9,501.62
 Prev Inv: \$2,881.74
 This Inv: \$256.53
 Balance: \$6,363.35

Net 30 Days

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

CONCRETE COMPRESSION TEST REPORT

Project Description: San Carlos CRC Landscaping, Irrigation, & Retaining Wall (WA #1) L&G Project Number: E130602

Client: Hidalgo County Pct. #4

L&G Report Number: R006-56

Contractor: G & G Contractors

Sample Date: 06/09/2017

Date Reported: 08/04/2017

Client PO: 751864

Page 1 of 1

Placement Location: Footing for Ret. Wall off 107

Mix ID: SSk Comm. 20 Supplier: J-III Concrete

Specified Strength: 4,000 P.S.I. @ 28 days

Specified Slump: N/A

Slump: 6.25"

Specified Air Content: N/A

Air Content: 2.9%

Weather Conditions: Hot Breezy, Cloudy

Air Temp.: 95°F

Time Batched: 10:51 am Time Sampled: 11:05 am

Concrete Temp.: 91°F

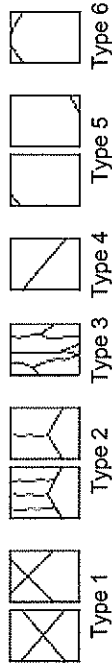
Plant Ticket No: 285619 Truck No: 110

CY: 10

Water: 5 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
3	A	06/16/2017	7	26,405	Type 2	930	930	23.25%
	B	06/16/2017	7	29,050	Type 2	1,030	980	25.75%
	C	07/07/2017	28	40,830	Type 3	1,440	1,440	36.00%
	D	08/04/2017	56	51,090	Type 3	1,810	1,810	45.25%



Remarks/Comments:

6 x 12 in. Cylinders NOTE: Specimen failed to meet PSI requirements at 56 days.

Orig: Hidalgo County Pct. #4 (E130) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Maria Lucio
 (1-cc copy)

1-cc G & G Contractors Attn: Manuel Leal
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering



 Ricardo A. Gil, Lab Manager

Billy Ortiz

From: Rick Gil [rgil@lengineers.com]
Sent: Thursday, June 08, 2017 4:36 PM
To: Billy Ortiz
Subject: Fwd: San Carlos retaining wall

Just a reminderthanks

Sent from my iPhone

Begin forwarded message:

From: Nick Perez <nick.perez@co.hidalgo.tx.us>
Date: June 8, 2017 at 1:11:52 PM CDT
To: Rick Gil <rgil@lengineers.com>
Cc: Steven Cruz <steven.cruz@co.hidalgo.tx.us>, Hector Rene Garcia <hector@matagarcia-architects.com>, Rene Garza <rgarzajr26@yahoo.com>, Manuel Leal <mleal.gandg@gmail.com>
Subject: Re: San Carlos retaining wall ✓

Good afternoon Mr. Rick, please schedule testing for tomorrow morning at 9:00am to test concrete pour for project: San Carlos Retaining Wall.

Respectfully,

Nick Perez

Hidalgo County Pct.#4
1051 N. Doolittle Rd.
Edinburg, TX 78539

Office: (956)383-3112 Ext. 4008
Fax: (956)381-5905
E-Mail: Nick.Perez@co.hidalgo.tx.us

From: "Manuel Leal" <mleal.gandg@gmail.com>
To: "nick perez" <nick.perez@co.hidalgo.tx.us>
Cc: "Steven Cruz" <steven.cruz@co.hidalgo.tx.us>, "Hector Rene Garcia" <hector@matagarcia-architects.com>, "Rene Garza" <rgarzajr26@yahoo.com>
Sent: Thursday, June 8, 2017 12:16:49 PM
Subject: San Carlos retaining wall

Nick,

Please schedule testing lab for tomorrow morning at 9am to test concrete at above referenced project.

Manuel Leal

CONCRETE COMPRESSION TEST REPORT

Project Description: San Carlos CRC Landscaping, Irrigation, & Retaining Wall (WA #1) L&G Project Number: E130602
 Client: Hidalgo County Pct. #4 L&G Report Number: R008-28
 Contractor: G & G Contractors Sample Date: 06/20/2017
 Date Reported: 07/18/2017

Client PO: 751864

Page 1 of 1

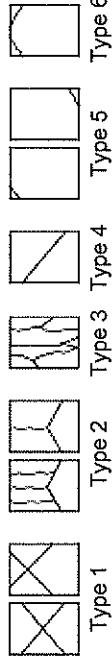
 Placement Location: S.W. Retaining Wall

 Mix ID: 3000.CR1 Supplier: CRM
 Specified Strength: 3,000 P.S.I. @ 28 days

 Specified Slump: N/A Slump: 6.0"
 Specified Air Content: N/A Air Content: 2.8%
 Weather Conditions: Hot, Humid Air Temp.: 91°F
 Time Batched: 10:31 am Time Sampled: 11:30 am Concrete Temp.: 93°F
 Plant Ticket No: 488043 Truck No: 310 CY: 10
 Water: 0 gal.

Compressive Strength Data

Set No.	Identification	Test Date	Age (days)	Maximum Load (pounds)	Break Type	Comp. Strength (psi)	Average Strength (psi)	% of Design
4	A	06/27/2017	7	56,435	Type 3	2,000	1,980	66.67%
	B	06/27/2017	7	55,785	Type 3	1,970	1,980	65.67%
	C	07/18/2017	28	93,020	Type 4	3,290	3,320	109.67%
	D	07/18/2017	28	94,715	Type 6	3,350	3,320	111.67%


Remarks/Comments:

6 x 12 in. Cylinders

 Orig: Hidalgo County Pct. #4 (E130) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Maria Lucio
 (1-cc copy)

 1-cc G & G Contractors Attn: Manuel Leal
 1-cc Laboratory

 Respectfully Submitted,
 L&G Engineering



Ricardo A. Gil, Lab Manager

Billy Ortiz

From: Rick Gil [rgil@lgengineers.com]
Sent: Monday, June 19, 2017 5:04 PM
To: Billy Ortiz
Subject: Fwd: San Carlos retaining wall

Sent from my iPhone

Begin forwarded message:

From: Nick Perez <nick.perez@co.hidalgo.tx.us>
Date: June 19, 2017 at 2:05:47 PM CDT
To: Rick Gil <rgil@lgengineers.com>
Cc: Steven Cruz <steven.cruz@co.hidalgo.tx.us>
Subject: **Fwd: San Carlos retaining wall**

Good afternoon, please schedule a team for 06/20/2017 to test the concrete pour at 11:00am for San Carlos Retaining Wall project.

Respectfully,

Nick Perez

Hidalgo County Pct.#4
1051 N. Doolittle Rd.
Edinburg, TX 78539

Office: (956)383-3112 Ext. 4008
Fax: (956)381-5905
E-Mail: Nick.Perez@co.hidalgo.tx.us

From: "Manuel Leal" <mleal.gandg@gmail.com>
To: "Steven Cruz" <steven.cruz@co.hidalgo.tx.us>, "Nick Perez" <nick.perez@co.hidalgo.tx.us>
Cc: "Hector Rene Garcia" <hector@matagarcia-architects.com>, "Rene Garza" <rgarzair26@yahoo.com>
Sent: Monday, June 19, 2017 12:11:53 PM
Subject: San Carlos retaining wall

Steve, Nick,

Please schedule the testing lab to test the concrete for tomorrow's pour for the retaining wall at 11:00 am.

Manuel