

Requisition

Req # 00308434

PO # 751864

Date: 10/21/16

Bill To: x
x

Vendor: 280046
L & G CONSULTING ENGINEERS, INC.
2100 W. EXPRESSWAY 83
MERCEDES TX 78570
FAX (956)565-6746

Ship To: HIDALGO CO. PCT 4
1051 N. DOOLITTLE
EDINBURG TX 78542

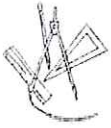
Contact: NICK PEREZ
956-383-3112

Contract No: C-16-305-10-04

Special Instructions:
PCT#1257

QUANTITY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
1.00		C-16-305-10-04 WORK AUTHORIZATION NO. 1 CONSTRUCTION MATERIAL TESTING SERVICES. "SAN CARLOS CRC LANDSCAPING, IRRIGATION, & RETAINING WALL" CC APPROVAL: 10/13/2016 AI-56824 DO NOT DUPLICATE ORDER CC "Construction Material Testing Services for the "San Carlos CRC Landscaping, Irrigation & Retaining Wall" <u>Account No</u> 6-1100-419-40-124-123-0-740	9,501.62 Encumbrance 9,501.62 Freight .00 Total	9,501.62 9,501.62

Authorized By: _____



January 31, 2017



Commissioner Joseph Palacios
Attn: Maria "Lulu" Lucio
Hidalgo County Precinct No. 4
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:

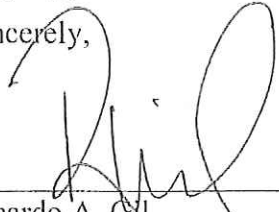
Attached for your review and approval is our invoice for the services rendered under Work Authorization #1 on the subject referenced project for the month of January.

The following is attached:

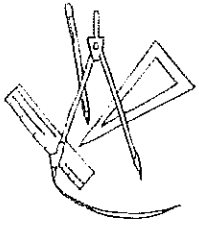
- L&G's Invoice # 17-1-000026
- Test Reports and progress letters as prepared and forwarded to Pct. No. 4 and all parties involved on the project.

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 Consulting Engineers, Inc.

January 31, 2017

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

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

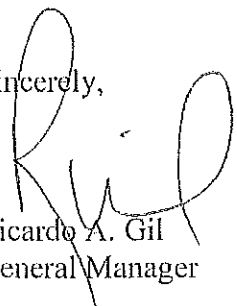
Dear Ms. Lucio:

Included for your use with this letter, are test reports **R001 & R002** for **Construction Material Testing** performed on the above referenced project. Unless otherwise noted, all test results meet or exceed requirements. Also included for your use, is an invoice for the services provided.

L&G Engineering appreciates the opportunity to serve your material testing needs on this project and we look forward to working with you in the future.

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

Sincerely,


Ricardo A. Gil
General Manager

Attachments

CC: G & G Contractors

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 / ~~\$8,450.26~~ **\$8,993.92**

PO: 751864

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

	<u>Unit Rate</u>		<u>Qty</u>		<u>Extension</u>
920:92033 - Air Content (Pressure Method)	\$23.86	✓	1.00	✓	\$23.86
920:92034 - Comp. Strength of Cyl. Specimen	\$15.92	✓	2.00	✓	\$31.84
920:92035 - Cyl. Specimen Prep./Hold/Cure	\$12.00	✓	4.00	✓	\$48.00
940:94047 - Eng. Tech. (Concrete / Lab)	\$48.11	✓	0.50		\$24.06
940:94050 - Eng. Tech. (Concrete)	\$48.11	✓	4.00		\$192.44
940:94054 - Engineering Specialist (Lab Mgr.)	\$96.22	✓	0.25		\$24.06
940:94054 - Laboratory Manager (Specialist)	\$96.22	✓	0.25		\$24.06
940:94055 - Engineer / P.E.	\$121.69	✓	0.50		\$60.84
950:95058 - Vehicle Trip Charge	\$0.56	✓	56.00		\$31.36
950:95061 - Test Report	\$23.59	✓	2.00		\$47.18
					Total for this Invoice: \$507.70

===== 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	12/27/2016	1.00	920:92033 - Air Content (Pressure Method)	Each	\$23.86	\$23.86
R001	12/27/2016	4.00 ✓	920:92035 - Cyl. Specimen Prep./Hold/Cure	Each	\$12.00	\$48.00
R001	12/27/2016	4.00	940:94050 - Eng. Tech. (Concrete)	Hour	\$48.11	\$192.44
R001	12/27/2016	0.25	940:94054 - Engineering Specialist (Lab Mgr.)	Hour	\$96.22	\$24.06
R001	12/27/2016	0.25	940:94055 - Engineer / P.E.	Hour	\$121.69	\$30.42
R001	12/27/2016	56.00	950:95058 - Vehicle Trip Charge	Mile	\$0.56	\$31.36

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

Net 30 Days

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

===== 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	12/27/2016	1.00	950:95061 - Test Report	Each	\$23.59	\$23.59
<i>Report Number R001 for a Subtotal of:</i>						\$373.73
R002	12/27/2016	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.92	\$31.84
R002	12/27/2016	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$48.11	\$24.06
R002	12/27/2016	0.25	940:94054 - Laboratory Manager (Specialist)	Hour	\$96.22	\$24.06
R002	12/27/2016	0.25	940:94055 - Engineer / P.E.	Hour	\$121.69	\$30.42
R002	12/27/2016	1.00	950:95061 - Test Report	Each	\$23.59	\$23.59
<i>Report Number R002 for a Subtotal of:</i>						\$133.97
Total for this Invoice:						\$507.70

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

Net 30 Days

**REPORT OF SITE VISIT
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: R001
Contractor: G & G Contractors Sample Date: 12/27/2016
Date Reported: 01/26/2017

Client PO: 751864

Page 1 of 1

On December 27, 2016 a representative of L&G Engineering Laboratory was dispatched to CRC to perform inspection on the placement of ready-mixed concrete on South end Retaining Wall.

Specimen Number 1 was obtained and tested at 11:40 AM, and the following were determined:

Concrete Temp: <u>85°f</u>	<u>N/A</u> Specification	Entrapped/Entrained Air Content: <u>3.4%</u>	<u>N/A</u> Specification
Ambient Temp: <u>81°f</u>	<u>N/A</u> Specification	Slump: <u>5 1/2 inches</u>	<u>N/A</u> Specification

From Specimen Number 1, a total of 4 6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

On December 28, 2016 a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the cylindrical specimens cast on the placement of ready-mixed concrete on South end Retaining Wall. The specimens were delivered to the laboratory where they were stripped, labeled, and placed in a curing tank for testing at intervals of 7 and 28 days.

Test Methods (If Applicable): ASTM C-231, ASTM C-143, ASTM C-1064, ASTM C-31, ASTM C-172

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
Sent: Tuesday, December 27, 2016 10:06 AM /
To: Billy Ortiz
Subject: Fwd: San carlos retaining wall

See the attached

Sent from my iPhone

Begin forwarded message:

From: Maria Lucio <maria.lucio@co.hidalgo.tx.us>
Date: December 27, 2016 at 9:50:58 AM CST
To: Rick Gil <rgil@lgengineers.com>
Subject: Fwd: San carlos retaining wall

Rick,
Just confirming that this is scheduled, thank you!

Respectfully,

Lulu Lucio, CPM
Executive Assistant
Hidalgo County Precinct #4
Ph: 956- 292-7000 Ext. 4026
Fax:956-381-5905
maria.lucio@co.hidalgo.tx.us

From: "Maria Lucio" <maria.lucio@co.hidalgo.tx.us>
To: rgil@lgengineers.com
Cc: "Manuel Leal" <mleal.gandg@gmail.com>, "Hector Garcia" <hector@matagarcia-architects.com>, "steven cruz" <steven.cruz@co.hidalgo.tx.us>
Sent: Thursday, December 22, 2016 4:37:25 PM
Subject: Fwd: San carlos retaining wall

Good Afternoon Rick,

Please the email with request below.
This is for the landscape project.

Thank you!

Sent from my iPhone

Begin forwarded message:

From: Manuel Leal <mleal.gandg@gmail.com>

Date: December 22, 2016 at 4:33:14 PM CST

To: maria.lucio@co.hidalgo.tx.us, Hector Garcia <hector@matagarcia-architects.com>, Rene Garza <rgarzajr26@yahoo.com>

Subject: San carlos retaining wall

Mrs Lucio,

Please schedule testing lab for concrete pour of the retaining wall in san carlos for tuesday am at 10 am.

Thanks,
Manuel Leal
G&G Contractors

**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: R002
 Contractor: G & G Contractors Sample Date: 12/27/2016
 Date Reported: 01/26/2017

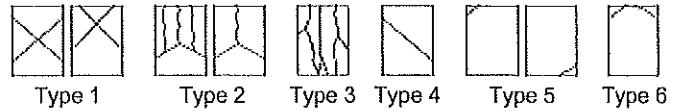
Client PO: 751864

Page 1 of 1

Placement Location: South End Retaining Wall
 Mix ID: 3000 CGI Supplier: CRM
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: N/A Slump: 5.5"
 Specified Air Content: N/A Air Content: 3.4%
 Weather Conditions: Sunny & Hot Air Temp.: 81°F
 Time Batched: 10:50 am Time Sampled: 11:40 am Concrete Temp.: 85°F
 Plant Ticket No: 478677 Truck No: 299 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
1	A	01/03/2017	7	43,010	Type 2	1,520	1,510	50.67%
	B	01/03/2017	7	42,175	Type 4	1,490		49.67%



Remarks/Comments:
 6 x 12 in. Cylinders/ Note: Specimen met 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
Sent: Tuesday, December 27, 2016 10:06 AM
To: Billy Ortiz
Subject: Fwd: San carlos retaining wall

See the attached

Sent from my iPhone

Begin forwarded message:

From: Maria Lucio <maria.lucio@co.hidalgo.tx.us>
Date: December 27, 2016 at 9:50:58 AM CST
To: Rick Gil <rgil@lgengineers.com>
Subject: Fwd: San carlos retaining wall

Rick,
Just confirming that this is scheduled, thank you!

Respectfully,

Lulu Lucio, CPM
Executive Assistant
Hidalgo County Precinct #4
Ph: 956- 292-7000 Ext. 4026
Fax:956-381-5905
maria.lucio@co.hidalgo.tx.us

From: "Maria Lucio" <maria.lucio@co.hidalgo.tx.us>
To: rgil@lgengineers.com
Cc: "Manuel Leal" <mleal.gandg@gmail.com>, "Hector Garcia" <hector@matagarcia-architects.com>, "steven cruz" <steven.cruz@co.hidalgo.tx.us>
Sent: Thursday, December 22, 2016 4:37:25 PM
Subject: Fwd: San carlos retaining wall

Good Afternoon Rick,

Please the email with request below.
This is for the landscape project.

Thank you!

Sent from my iPhone

Begin forwarded message:

From: Manuel Leal <mleal.gandg@gmail.com>
Date: December 22, 2016 at 4:33:14 PM CST
To: maria.lucio@co.hidalgo.tx.us, Hector Garcia <hector@matagarcia-architects.com>, Rene Garza <rgarzajr26@yahoo.com>
Subject: San carlos retaining wall

Mrs Lucio,

Please schedule testing lab for concrete pour of the retaining wall in san carlos for tuesday am at 10 am.

Thanks,
Manuel Leal
G&G Contractors