

L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

October 26, 2015

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

RECEIVED
OCT 30 2015
BY: *Maria Lucio*

RE: Sunflower Park ONSITE

Dear Ms. Lucio:

Included for your use with this letter is test report **R069-28** for **Concrete Testing** performed on the above referenced project. Unless otherwise noted, test results meet or exceed requirements.

L&G Engineering Laboratory 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: Mata Garcia Architects, LLP
CAS Companies, LP

Celia Almaguer

From: Maria Lucio [maria.lucio@co.hidalgo.tx.us]
Sent: Tuesday, September 01, 2015 3:19 PM
To: Rick Gil; Celia Almaguer
Cc: Jesus Ozuna; Hector Rene Garcia; Roman rodriguez (Pct 4); lchapa@caslp.com; jkitterman@caslp.com; heckyjr@hotmail.com
Subject: Fwd: Sunflower Park Concrete Testing-CAS Companies
Importance: High

Good Afternoon,

As per your on call contract C-13-220-08-13 (Work Authorization #4 Sunflower Park On site), could we please schedule testing Wednesday, September 2nd at 10:00 am. We would like to request concrete testing of the sidewalks and restroom pads. To include air content (pressure method), cyl. spec. prep, hold, cure, com. str of cyl. specimen and all test reports. A representative from the Precinct and Contractor will be there. Should you have any questions or need anything else please let me know. Thank you, have a great afternoon!

Respectfully,

Lulu Lucio

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

From: "Laura Chapa" <lchapa@caslp.com>
To: "maria lucio" <maria.lucio@co.hidalgo.tx.us>
Cc: "Joe Kitterman" <jkitterman@caslp.com>, "Hector Galindo" <heckyjr@hotmail.com>
Sent: Tuesday, September 1, 2015 2:56:07 PM
Subject: Sunflower Park Concrete Testing-CAS Companies

Good afternoon,

Good afternoon,

My name is Laura Chapa, and I will be assisting in the administrative processes for Sunflower Park from this point forward.

I spoke to George and he referred me to you in order to get L and G Engineering out to Sunflower Park for concrete testing of the sidewalks and restroom pads. Per our superintendent, Hector Galindo, we would like to schedule something at approximately 10 a.m. I spoke to L and G Engineering, and they mentioned that proper procedure requires the order to come directly from Hidalgo County. Please advise how to proceed.

Please address any questions or concerns pertaining to the project to Mr. Joe Kitterman, Director of Operations @ jkitterman@caslp.com or 956-466-1080.

Please note that Hector Galindo, project superintendent, is also available if any questions or concerns arise regarding the project and may be reached at hgalindo@caslp.com or 956-245-1054.

**CONCRETE COMPRESSION
 TEST REPORT**

Project Description: Sunflower Park ONSITE
 Client: Hidalgo County Pct. #4
 Architect: Mata Garcia Architects, LLP
 Contractor: CAS Companies, LP

L&G Project Number: L1301402
 L&G Report Number: R069-28
 Sample Date: 09/02/2015
 Date Reported: 09/30/2015

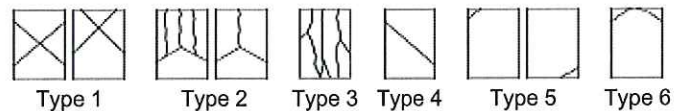
Client PO: 707018

Page 1 of 1

Placement Location: Sidewalks for restrooms / Pavillion Pads
 Mix ID: Fuel surcharg Supplier: CAPA
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: Max 5 Slump: 3.0"
 Specified Air Content: N/A Air Content: 1.5%
 Weather Conditions: Hot, humid Air Temp.: 96°F
 Time Batched: 10:43 am Time Sampled: 11:15 am Concrete Temp.: 92°F
 Plant Ticket No: 309912 Truck No: 946 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
11	A	09/09/2015	7	79,645	Type 1	2,820		94.00%
	B	09/09/2015	7	77,595	Type 1	2,740	2,780	91.33%
	C	09/30/2015	28	128,225	Type 5	4,540		151.33%
	D	09/30/2015	28	130,900	Type 6	4,630	4,580	154.33%



Remarks/Comments:

6 x 12 in. Cylinders

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Maria (LuLu) Lucio
 (1-cc copy)
 1-cc Mata Garcia Architects, LLP
 Attn: Hector Rene Garcia
 1-cc CAS Companies, LP Attn: Connie Bearden
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

**Construction Material Testing
Geotechnical Engineering**

 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.: L1301402

Project Desc.: Sunflower Park ONSITE

Due Date: UPON RECEIPT

Budget/Remaining: \$23,853.69 / \$992.90

PO: 707018

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

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
920:92034 - Comp. Strength of Cyl. Specimen	\$15.68	2.00	\$31.36
940:94047 - Eng. Tech. (Concrete / Lab)	\$60.18	0.50	\$30.09
940:94054 - Engineering Specialist	\$117.75	0.25	\$29.44
940:94055 - Engineer / P.E.	\$157.08	0.25	\$39.27
950:95061 - Test Report	\$23.24	1.00	\$23.24
Total for this Invoice:			\$153.40

===== 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>
R069-28	09/02/2015	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.68	\$31.36
R069-28	09/02/2015	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$60.18	\$30.09
R069-28	09/02/2015	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R069-28	09/02/2015	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R069-28	09/02/2015	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R069-28 for a Subtotal of:						\$153.40
Total for this Invoice:						\$153.40

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

Net 30 Days



Purchase Order COUNTY OF HIDALGO

PO# 707018

DATE: 04/01/14

PAGE NO: 1 of 1

PO TYPE:

VENDOR: 312797

REQ: 00253667

PHONE: (956)565-9813

EMAIL:

SHIP TO: HIDALGO CO. PCT 4

1051 N. DOOLITTLE
EDINBURG TX 78542

L & G ENGINEERING LABORATORY, LLC
2100 W. EXPRESSWAY 83
MERCEDES TX 78570

CONTACT:

SITE: COMMISSIONER, PRECINCT 4

SPECIAL INSTRUCTIONS: Pct. 4 Req # 311

VENDOR NOTES

1. Do not add to, or alter this Purchase Order. This Order is not renewable.
2. TAX EXEMPTION: This Purchase Order may be accepted in lieu of Exemption Certificate.
3. This Order is placed F.O.B. Destination. Vendor must repay all shipping costs.
4. Invoice on each Purchase Order's copy. Original invoices are required. Customer copy may be accepted. Ord number must appear on all invoices, bills of lading, and packages.
5. Payment will be made only for bona fide and full completed orders, unless otherwise attached.

QTY	UOM	DESCRIPTION	UNIT PRICE	AMOUNT
		DO NOT DUPLICATE ORDER		
		C-13-220-08-13 Approved CC 03/18/14 AI- 43614 For: Sunflower Park Project		
1.00	EACH	CC WA #4- Construction Material Testing Services for "Sunflower Park ONSITE" Project in Hidalgo County Precinct No. Four (4)	23,853.69	23,853.69
		TOTAL:		23,853.69
		REPORT ROAD HAZARDS 1-866-HCR-SAFE OR 1-866-427-7233		
		***** For Hidalgo County use only		
		4-1100-452-00-124-009-0-339	23,853.69	

m. l. v. p. *ml*

Attachment "D"
L&G Engineering Laboratory, LLC
Sunflower Park ONSITE
Prepared for Hidalgo County Precinct No. 4

<i>In-Situ Soils/Select Fill/Trench Backfill/Testing/Laboratory/Building Slab/Subgrade</i>					
Standard Proctor	5	Ea.	\$202.78	\$1,013.90	
Atterberg Limits of Soils	6	Ea.	\$78.48	\$470.88	
Material Finer #200	6	Ea.	\$65.49	\$392.94	
Test Report	5	Ea.	\$23.24	\$116.20	
Technician (Soils)	20	Hr.	\$47.14	\$942.80	
Mileage (Trip Charge)	125	Mi.	\$0.52	\$65.00	
			Subtotal:	\$3,001.72	
<i>In-Situ Soils/Select Fill/Trench Backfill/Testing/Laboratory/Building Slab/Subgrade</i>					
* Field Density Test	48	Ea.	\$23.56	\$1,130.88	<i>Quantities Based on 8 Visits to Project To perform testing</i>
Test Report	16	Ea.	\$23.24	\$371.84	
Technician (Soils)	32	Hr.	\$47.14	\$1,508.48	
Mileage (Trip Charge)	200	Mi.	\$0.52	\$104.00	
			Subtotal:	\$3,115.20	
<i>Base/Gravel/Paving Area/Fill/In-Situ Backfill/Testing/Laboratory</i>					
Standard Proctor	1	Ea.	\$202.78	\$202.78	
Atterberg Limits of Soils	1	Ea.	\$78.48	\$78.48	
Sieve Analysis	1	Ea.	\$58.85	\$58.85	
Technician (Soils)	3	Hr.	\$47.14	\$141.42	
Mileage (Trip Charge)	25	Mi.	\$0.52	\$13.00	
Texas Wet Ball Mill	1	Ea.	\$58.85	\$58.85	
Test Report	2	Ea.	\$23.24	\$46.48	
			Subtotal:	\$599.86	
<i>Base/Gravel/Paving Area/Fill/In-Situ Backfill/Testing/Laboratory</i>					
Field Density Test	8	Ea.	\$23.56	\$188.48	
Test Report	2	Ea.	\$23.24	\$46.48	
Technician (Soils)	6	Hr.	\$47.14	\$282.84	
Mileage (Trip Charge)	50	Mi.	\$0.52	\$26.00	
			Subtotal:	\$543.80	
<i>Concrete/Reinforced Concrete Slab/Ready Mix/Concrete/Testing/Laboratory</i>					
Air Content(Pressure Method)	14	Ea.	\$23.51	\$329.14	<i>assuming 14 site visits</i>
Test Report	14	Ea.	\$23.24	\$325.36	
Technician (Concrete)	35	Hr.	\$60.18	\$2,106.30	
Mileage (Trip Charge)	350	Mi.	\$0.52	\$182.00	
			Subtotal:	\$2,942.80	
Cyl. Spec. Prep, Hold, Cure	56	Ea.	\$11.83	\$662.48	<i>cyl pickup lab testing</i>
Comp. Str. Of Cyl. Specimen	56	Ea.	\$15.68	\$878.08	
Test Reports (7 and 28 day)	28	Ea.	\$23.24	\$650.72	
Technician (Concrete)	50	Hr.	\$60.18	\$3,009.00	
Mileage (Trip Charge)	350	Mi.	\$0.52	\$182.00	
			Subtotal:	\$5,382.28	

Asphalt Paving/Parking Area				
Asphalt Rolling Patterns	4	Ea.	\$39.27	\$157.08
Extraction/Sieve Analysis/Ac Cont	1	Ea.	\$229.04	\$229.04
Density of Asph Cores	3	Ea.	\$71.96	\$215.88
Pavement Thickness	4	Ea.	\$87.14	\$348.56
Test Reports	4	Ea.	\$23.24	\$92.96
Technician (Asphalt)	8	Hr.	\$60.18	\$481.44
Mileage (Trip Charge)	75	Mi.	\$0.52	\$39.00
			Subtotal:	<u>\$1,563.96</u>

Welding and Bolt Torque Inspection				
Engineering Specialist	9	Ea.	\$117.75	\$1,059.75
Mileage (Trip Charge)	150	Mi.	\$0.52	\$78.00
Test Report	3	Ea.	\$23.24	\$69.72
			Subtotal:	<u>\$1,207.47</u>
				<i>Assuming 3 Visits to perform Welding and Bolt Torque Inspection</i>

Estimated Field and Laboratory Test Fees				\$18,357.09
Engineering Specialist (Report Review)(Hr.)	20	\$117.75		\$2,355.00
Engineer-Principal (Report Review)(Hr.)	20	\$157.08		\$3,141.60
Estimated Materials Testing Total				<u>\$23,853.69</u>