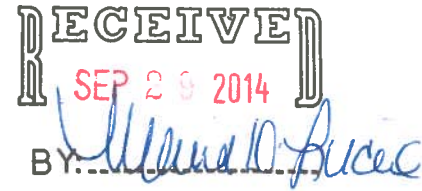


L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

September 26, 2014



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

RE: Linn San Manuel Facility

Dear Ms. Lucio:

Included for your use with this letter are test reports **R001 thru R009** for **Construction Material Testing** performed on the above referenced project. As noted on Report **R007**, all three locations failed to meet requirements. These locations have been re-tested and 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: JCON Construction, LLC, Mr. Juan Jose Pena Jr.

**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: L1301404
Project Desc.: Linn San Manuel Facility

Due Date: UPON RECEIPT
Budget/Remaining: \$49,207.32 / \$45,867.31
PO: 713423

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

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
910:91004 - Atterberg Limits Det	\$78.48 ✓	3.00	\$235.44
910:91006 - Materials Finer #200	\$65.49 ✓	2.00	\$130.98
910:91009 - M-D ASTM D698 (Standard Proctor) (each)	\$202.78 ✓	3.00	\$608.34
910:91011 - Field Density (Nuclear Method)	\$23.56 ✓	10.00	\$235.60
910:91014 - Sieve Analysis (Dry & 4 Sieve)	\$58.85 ✓	1.00	\$58.85
910:91017 - Texas Wet Ball Mill Test	\$229.11 ✓	1.00	\$229.11
940:94048 - Eng. Tech. (Soils / SP.)	\$47.14 ✓	18.50	\$872.09
940:94054 - Engineering Specialist	\$117.75 ✓	2.00	\$235.52
940:94055 - Engineer / P.E.	\$157.08 ✓	2.00	\$314.16
950:95058 - Vehicle Trip Charge	\$0.52 ✓	450.00	\$234.00
950:95061 - Test Report	\$23.24 ✓	8.00	\$185.92
Total for this Invoice:			\$3,340.01

===== 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	08/22/2014	1.00	910:91004 - Atterberg Limits Det ✓	Each	\$78.48	\$78.48
R001	08/22/2014	1.00	910:91006 - Materials Finer #200	Each	\$65.49	\$65.49
R001	08/22/2014	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$202.78	\$202.78
R001	08/22/2014	2.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$117.85
R001	08/22/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R001	08/22/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R001	08/22/2014	90.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$46.80

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

**Construction Material Testing
 Geotechnical Engineering**

 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	08/22/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R001 for a Subtotal of:						\$603.35
R002	08/22/2014	1.00	910:91004 - Atterberg Limits Det	Each	\$78.48	\$78.48
R002	08/22/2014	1.00	910:91006 - Materials Finer #200	Each	\$65.49	\$65.49
R002	08/22/2014	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$202.78	\$202.78
R002	08/22/2014	2.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$117.85
R002	08/22/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R002	08/22/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R002	08/22/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R002 for a Subtotal of:						\$556.55
R003	08/22/2014	1.00	910:91004 - Atterberg Limits Det	Each	\$78.48	\$78.48
R003	08/22/2014	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$202.78	\$202.78
R003	08/22/2014	2.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$117.85
R003	08/22/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R003	08/22/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R003	08/22/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R003 for a Subtotal of:						\$491.06
R004	08/22/2014	1.00	910:91014 - Sieve Analysis (Dry & 4 Sieve)	Each	\$58.85	\$58.85
R004	08/22/2014	1.00	910:91017 - Texas Wet Ball Mill Test	Each	\$229.11	\$229.11
R004	08/22/2014	1.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$70.71
R004	08/22/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R004	08/22/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R004	08/22/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R004 for a Subtotal of:						\$450.62
R005	09/05/2014	2.00	910:91011 - Field Density (Nuclear Method)	Each	\$23.56	\$47.12
R005	09/05/2014	2.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$117.85

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

Net 30 Days

**Construction Material Testing
Geotechnical Engineering**

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>
R005	09/05/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R005	09/05/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R005	09/05/2014	90.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$46.80
R005	09/05/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R005 for a Subtotal of:						\$303.72
R006	09/05/2014	2.00	910:91011 - Field Density (Nuclear Method)	Each	\$23.56	\$47.12
R006	09/05/2014	2.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$117.85
R006	09/05/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R006	09/05/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R006	09/05/2014	90.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$46.80
R006	09/05/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R006 for a Subtotal of:						\$303.72
R008	09/08/2014	3.00	910:91011 - Field Density (Nuclear Method)	Each	\$23.56	\$70.68
R008	09/08/2014	2.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$117.85
R008	09/08/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R008	09/08/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R008	09/08/2014	90.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$46.80
R008	09/08/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R008 for a Subtotal of:						\$327.28
R009	09/09/2014	3.00	910:91011 - Field Density (Nuclear Method)	Each	\$23.56	\$70.68
R009	09/09/2014	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$94.28
R009	09/09/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R009	09/09/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R009	09/09/2014	90.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$46.80
R009	09/09/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R009 for a Subtotal of:						\$303.71
Total for this Invoice:						\$3,340.01

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: Linn San Manuel Facility ✓
 Client: Hidalgo County Pct. #4
 Contractor: JCON Construction, LLC

L&G Project Number: L1301404
 L&G Report Number: R001 ✓
 Sample Date: 08/22/2014 ✓
 Date Reported: 08/22/2014

Client PO: 713423

Page 1 of 1

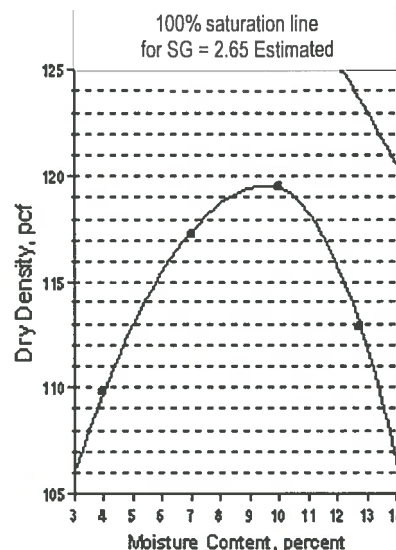
Compaction Method: ASTM D-698 ✓
 Material Description: In-situ Subgrade ✓

Specific Gravity: 2.65

Liquid Limit: 19
 Plastic Limit: 14
 Plasticity Index: 5
 % Passing No. 200: 27
 Group Symbol: SC-SM

Specimen No.:	1	2	3	4
Moisture, %:	4.0	6.9	9.9	12.8
Dry Density (pcf):	109.8	117.2	119.5	112.7

Maximum Dry Density in P.C.F.: 119.5
 Optimum Moisture (%): 9.6



Remarks: Sampled from jobsite (Stockpile) ✓
 Test Method: ASTM D-698 Method-A (Standard Proctor) ✓
 ASTM D-4318 (Atterberg) ✓
 ASTM D-1140 (Material Finer) ✓

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Raul Sesin
 (1-cc copy)
 1-cc JCON Construction, LLC
 Attn: Juan Jose Pena Jr.
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Celia Almaguer

From: Maria Lucio [maria.lucio@co.hidalgo.tx.us]
Sent: Thursday, August 21, 2014 9:31 AM
To: Rick Gil; Celia Almaguer
Cc: Jesus Ozuna; Roman Rodriguez; Jimmy Anthony; Gloria Beltran; jj@jconconstruction.com; Hector R. Garcia
Subject: Fwd: Materials - Lin San Manuel Emergency Services Facility
Importance: High

Good Morning,

ROO1 - ROO4

As per your on call contract C-13-220-08-13 (Work Authorization #6 Linn San Manuel Emergency Service Facility), we would like to request 3 proctor samples for the following:

1. Existing Sub Grade ✓
2. Site Fill From Detention Areas
3. Caliche for Pad and Parking areas

Please begin testing Friday, August 22nd at 10:00am. 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 day!

Sincerely,
Maria (Lulu) Lucio
Program Manager
Hidalgo County Precinct #4
Ph: 956-292-7000 Ext. 4026
Fax: 956-381-5905
maria.lucio@co.hidalgo.tx.us

----- Forwarded Message -----

From: jj@jconconstruction.com
To: "Maria Lucio" hidalgo.tx.us
Cc: "jesus ozuna" <jesus.ozuna@co.hidalgo.tx.us>
Sent: Tuesday, August 19, 2014 3:24:03 PM
Subject: Materials - Lin San Manuel Emergency Services Facility

LuLu,

We are requesting materials testing for Existing Sub Grade, On Site Fill From Detention Areas, Caliche for Pad and Parking areas. Can you please let L & G know.

Thanks

J.J. Pena

JCON Construction, LLC

On 2014-08-05 16:33, Maria Lucio wrote:

> Good Afternoon Mr. Pena,

>

- > As discussed I have attached the following forms that our Auditor's
- > Office requires with your request for payment. The "Request for
- > Payment for Contractors" must be on your letterhead and submitted with
- > each request for payment. Also, please include a construction time
- > line with each request for payment, I have attached an example for

**PROCTOR
 TEST REPORT**

Project Description: Linn San Manuel Facility
 Client: Hidalgo County Pct. #4
 Contractor: JCON Construction, LLC

L&G Project Number: L1301404
 L&G Report Number: R002
 Sample Date: 08/22/2014 ✓
 Date Reported: 08/22/2014

Client PO: 713423

Page 1 of 1

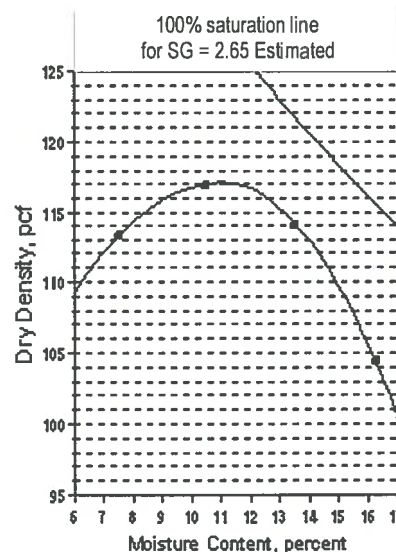
Compaction Method: ASTM D-698
 Material Description: Select Fill

Specific Gravity: 2.65

Liquid Limit: 21
 Plastic Limit: 12
 Plasticity Index: 9
 % Passing No. 200: 30
 Group Symbol: SC

Specimen No.:	1	2	3	4
Moisture, %:	7.4	10.5	13.5	16.2
Dry Density (pcf):	113.1	116.9	114.1	104.7

Maximum Dry Density in P.C.F.: 117.1
 Optimum Moisture (%): 11.0



Remarks: Sampled from Jobsite (Stockpile)
 Test Method: ASTM D-698 Method-A, ASTM D-4318, ASTM D-1140
(Standard Proctor) (Akerberg) (Matenal Finer)

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Raul Sesin
 (1-cc copy)
 1-cc JCON Construction, LLC
 Attn: Juan Jose Pena Jr.
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Celia Almaguer

From: Maria Lucio [maria.lucio@co.hidalgo.tx.us]
Sent: Thursday, August 21, 2014 9:31 AM
To: Rick Gil; Celia Almaguer
Cc: Jesus Ozuna; Roman Rodriguez; Jimmy Anthony; Gloria Beltran; jj@jconconstruction.com; Hector R. Garcia
Subject: Fwd: Materials - Lin San Manuel Emergency Services Facility
Importance: High

Good Morning,

R001 - R004

As per your on call contract C-13-220-08-13 (Work Authorization #6 Linn San Manuel Emergency Service Facility), we would like to request 3 proctor samples for the following:

- 1.Existing Sub Grade
- 2.Site Fill From Detention Areas ✓
- 3.Caliche for Pad and Parking areas

Please begin testing Friday, August 22nd at 10:00am. 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 day!

Sincerely,
Maria (Lulu) Lucio
Program Manager
Hidalgo County Precinct #4
Ph:956-292-7000 Ext. 4026
Fax:956-381-5905
maria.lucio@co.hidalgo.tx.us

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From: jj@jconconstruction.com
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Cc: "jesus ozuna" <jesus.ozuna@co.hidalgo.tx.us>
Sent: Tuesday, August 19, 2014 3:24:03 PM
Subject: Materials - Lin San Manuel Emergency Services Facility

LuLu,
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Thanks
J.J. Pena
JCON Construction, LLC

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> Office requires with your request for payment. The "Request for
> Payment for Contractors" must be on your letterhead and submitted with
> each request for payment. Also, please include a construction time
> line with each request for payment, I have attached an example for



**PROCTOR
 TEST REPORT**

Project Description: Linn San Manuel Facility
 Client: Hidalgo County Pct. #4
 Contractor: JCON Construction, LLC

L&G Project Number: L1301404
 L&G Report Number: R003
 Sample Date: 08/22/2014
 Date Reported: 10/10/2014

Client PO: 713423

Page 1 of 1

Compaction Method: ASTM D-698
 Material Description: Base Material (Caliche) ✓

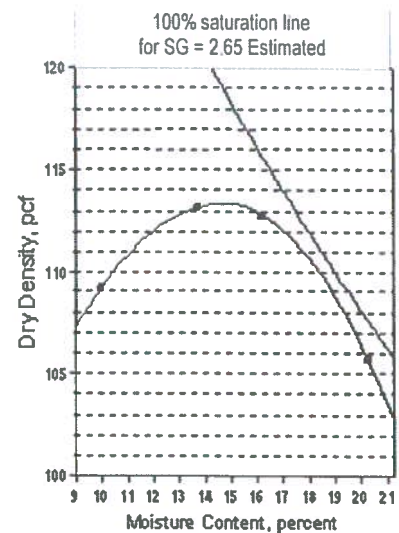
Specific Gravity: 2.65

Liquid Limit: 34
 Plastic Limit: 22
 Plasticity Index: 12

Group Symbol: CL

Specimen No.:	1	2	3	4
Moisture, %:	10.0	13.8	16.3	20.2
Dry Density (pcf):	109.2	113.1	112.7	105.9

Maximum Dry Density in P.C.F.: 113.3
 Optimum Moisture (%): 14.7



Remarks: Sampled from Frontera Pit (Stockpile)
 Test Method: ASTM D-698, ASTM D-4318

(standard Proctor) (Atterberg)

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Raul Sesin
 (1-cc copy)
 1-cc JCON Construction, LLC
 Attn: Juan Jose Pena Jr.
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory

Ricardo A. Gil

Ricardo A. Gil, Lab Manager



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

PROCTOR TEST REPORT

Project Description: Linn San Manuel Facility
Client: Hidalgo County Pct. #4
Contractor: JCON Construction, LLC

L&G Project Number: L1301404
L&G Report Number: R003
Sample Date: 08/22/2014
Date Reported: 09/04/2014

Client PO: 713423

Page 1 of 1

Compaction Method: TEX 113
Material Description: Base Material (Caliche)

Specific Gravity: 2.65

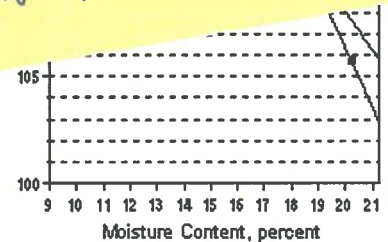
Liquid Limit: 34
Plastic Limit: 22
Plasticity Index: 12

Group Symbol: CL

Specimen No.:	1	2	3	4
Moisture, %:	10.0	13.8	16.3	20.2
Dry Density (pcf):	109.2	113.1	112.7	105.9

Maximum Dry Density in P.C.F.: 113.3
Optimum Moisture (%): 14.7

Test Report indicated wrong codes spoke w/ Calica on 10/10/14 to resubmit.



Remarks: Sampled from Frontera Pit (Stockpile)
Test Method: TEX 113-E, TEX 104-E, TEX 105-E, TEX 106-E

(Moisture Density)

wrong codes

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
(Edinburg, TX) Attn: Raul Sesin
(1-cc copy)
1-cc JCON Construction, LLC
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L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

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Cc: Jesus Ozuna; Roman Rodriguez; Jimmy Anthony; Gloria Beltran; jj@jconconstruction.com; Hector R. Garcia
Subject: Fwd: Materials - Lin San Manuel Emergency Services Facility
Importance: High

Good Morning,

R001 - R004

As per your on call contract C-13-220-08-13 (Work Authorization #6 Linn San Manuel Emergency Service Facility), we would like to request 3 proctor samples for the following:

- 1.Existing Sub Grade
- 2.Site Fill From Detention Areas
- 3.Caliche for Pad and Parking areas ✓

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JCON Construction, LLC

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L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
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3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

SIEVE ANALYSIS TEST REPORT

Project Description: Linn San Manuel Facility
Client: Hidalgo County Pct. #4
Contractor: JCON Construction, LLC

L&G Project Number: L1301404
L&G Report Number: R004
Sample Date: 08/22/2014 ✓
Date Reported: 08/22/2014

Client PO: 713423

Page 1 of 1

Material: Base material (Caliche) ✓

Sieve	% Retained	Required
2 in	0	0
1/2 in	22	20-60
No. 4	51	40-75
No. 40	83	70-90

Remarks: Texas Wetball Mill Value - 42% (Max 50)

Test Method (As Applicable): Tex 110-E, TEX 116-E

Sieve Analysis
Texas Wet Ball Mill
Base Material Quality

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
(Edinburg, TX) Attn: Raul Sesin
(1-cc copy)
1-cc JCON Construction, LLC
Attn: Juan Jose Pena Jr.
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

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Sent: Thursday, August 21, 2014 9:31 AM
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Cc: Jesus Ozuna; Roman Rodriguez; Jimmy Anthony; Gloria Beltran; jj@jconconstruction.com; Hector R. Garcia
Subject: Fwd: Materials - Lin San Manuel Emergency Services Facility
Importance: High

Good Morning,

2001 - 2004

As per your on call contract C-13-220-08-13 (Work Authorization #6 Linn San Manuel Emergency Service Facility), we would like to request 3 proctor samples for the following:

- 1.Existing Sub Grade
- 2.Site Fill From Detention Areas
- 3.Caliche for Pad and Parking areas ✓

Please begin testing Friday, August 22nd at 10:00am. 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 day!

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Fax:956-381-5905
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----- Forwarded Message -----
From: jj@jconconstruction.com
To: "Maria Lucio" <maria.lucio@co.hidalgo.tx.us>
Cc: "jesus ozuna" <jesus.ozuna@co.hidalgo.tx.us>
Sent: Tuesday, August 19, 2014 3:24:03 PM
Subject: Materials - Lin San Manuel Emergency Services Facility

Lulu,
We are requesting materials testing for Existing Sub Grade, On Site Fill From Detention Areas, Caliche for Pad and Parking areas. Can you please let L & G know.
Thanks
J.J. Pena
JCON Construction, LLC

On 2014-08-05 16:33, Maria Lucio wrote:
> Good Afternoon Mr. Pena,
>
> As discussed I have attached the following forms that our Auditor's
> Office requires with your request for payment. The "Request for
> Payment for Contractors" must be on your letterhead and submitted with
> each request for payment. Also, please include a construction time
> line with each request for payment, I have attached an example for



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

FIELD DENSITIES TEST REPORT

Project Description: Linn San Manuel Facility
Client: Hidalgo County Pct. #4
Contractor: JCON Construction, LLC

L&G Project Number: L1301404
L&G Report Number: R005
Sample Date: 09/05/2014
Date Reported: 09/23/2014

Client PO: 713423

Page 1 of 1

Material Description In -Situ Subgrade ✓
Required % Proctor 95 Moisture Tolerance -2+3

Proctor No Optimum % Moisture Opt. Density, LB/CF
IS MD1 9.6 119.5

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Depth (inch)
1	Service Facility Pad 15ft S x 30ft E from NW Corner	IS MD1	10.3%	115.6 pcf	96.7% (Pass)	6"
2	Service Facility Pad 25ft n x 45ft W from SE Corner	IS MD1	12.0%	113.9 pcf	95.3% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.

Test Methods: (ASTM D2922, D3017)
Field Density, Moist. Cont.

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
(Edinburg, TX) Attn: Raul Sesin
(1-cc copy)
1-cc JCON Construction, LLC
Attn: Juan Jose Pena Jr.
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Celia Almaguer

From: Celia Almaguer
Sent: Thursday, September 04, 2014 3:41 PM
To: 'Maria Lucio'
Cc: Rick Gil
Subject: RE: Linn San Manuel Emergency facility Soil testing

LuLu,

We will schedule the testing for tomorrow.

1. Field Density for Subgrade @ 8:00am ROOS
2. Field Density for Select Fill (1st Lift) @ 3:00pm ROOL6

Celia C. Almaguer
Administrative Assistant
L&G Engineering Laboratory
2100 West Expressway 83
Mercedes, Texas 78570
Telephone: (956) 565-0760 ext. 217
Fax: (956) 565-6746
calmaguer@lgengineers.com
www.LGEngineers.com/laboratory

-----Original Message-----

From: Maria Lucio [<mailto:maria.lucio@co.hidalgo.tx.us>]
Sent: Thursday, September 04, 2014 3:21 PM
To: Rick Gil; Celia Almaguer
Cc: jesse ozuna; jj@jconstruction.com; domingo@jconsturction.com; Hector R. Garcia; Roman Rodriguez (roman.rodriguez@co.hidalgo.tx.us); Jaime Guerra; Gloria Beltran
Subject: Fwd: Linn San Manuel Emergency facility Soil testing
Importance: High

Good Afternoon,

As per your on call contract C-13-220-08-13 (Work Authorization #6 Linn San Manuel Emergency Service Facility), we would like to request 2 test for the following:

1. Field Density Compaction test of Sub Grade
2. Field Density Compaction test of Select Fill

Please begin testing Friday, September 5 at 8:00am and 3:00pm. 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 day!

Sincerely,
Maria (Lulu) Lucio
Program Manager
Hidalgo County Precinct #4
Ph: 956-292-7000 Ext. 4026
Fax: 956-381-5905
maria.lucio@co.hidalgo.tx.us



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83
900 S. Stewart Rd. Ste. 6
3388 US Hwy 277

Mercedes, TX 78570 (956) 565-0760
Mission, TX 78572 (956) 583-7117
Carrizo Springs, TX (888) 565-9813

FIELD DENSITIES TEST REPORT

Project Description: Linn San Manuel Facility
Client: Hidalgo County Pct. #4
Contractor: JCON Construction, LLC

L&G Project Number: L1301404
L&G Report Number: R006
Sample Date: 09/05/2014
Date Reported: 09/23/2014

Client PO: 713423

Page 1 of 1

Material Description In-Situ Subgrade

Required % Proctor 95 Moisture Tolerance -2-3

Proctor No	Optimum % Moisture	Opt. Density, LB/CF
IS MD1	9.6	119.5

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Depth (inch)
1	Service Facility Pad 20ft S x 15ft W from NE Corner 1st Lift	IS MD1	8.1%	114.9 pcf	96.2% (Pass)	6"
2	Service Facility Pad 30ft N x 26ft E from SW Corner 1st Lift	IS MD1	10.8%	113.5 pcf	95.0% (Pass)	6"

Remarks: Test results are in general compliance with the project specifications except as noted.

Test Methods: (ASTM D2922, D3017)
Field Density (Moist. Content)

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
(Edinburg, TX) Attn: Raul Sesin
(1-cc copy)
1-cc JCON Construction, LLC
Attn: Juan Jose Pena Jr.
1-cc Laboratory

Respectfully Submitted,
L&G Engineering Laboratory

Ricardo A. Gil, Lab Manager

Celia Almaguer

From: Celia Almaguer
Sent: Thursday, September 04, 2014 3:41 PM
To: 'Maria Lucio'
Cc: Rick Gil
Subject: RE: Linn San Manuel Emergency facility Soil testing

Lulu,

We will schedule the testing for tomorrow.

1. Field Density for Subgrade @ 8:00am ROOS
2. Field Density for Select Fill (1st Lift) @ 3:00pm ROOL6

Celia C. Almaguer
Administrative Assistant
L&G Engineering Laboratory
2100 West Expressway 83
Mercedes, Texas 78570
Telephone: (956) 565-0760 ext. 217
Fax: (956) 565-6746
calmaguer@lgengineers.com
www.LGEngineers.com/laboratory

-----Original Message-----

From: Maria Lucio [<mailto:maria.lucio@co.hidalgo.tx.us>]
Sent: Thursday, September 04, 2014 3:21 PM
To: Rick Gil; Celia Almaguer
Cc: jesse ozuna; jj@jconstruction.com; domingo@jconsturction.com; Hector R. Garcia; Roman Rodriguez (roman.rodriguez@co.hidalgo.tx.us); Jaime Guerra; Gloria Beltran
Subject: Fwd: Linn San Manuel Emergency facility Soil testing
Importance: High

Good Afternoon,

As per your on call contract C-13-220-08-13 (Work Authorization #6 Linn San Manuel Emergency Service Facility), we would like to request 2 test for the following:

1. Field Density Compaction test of Sub Grade
2. Field Density Compaction test of Select Fill

Please begin testing Friday, September 5 at 8:00am and 3:00pm. 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 day!

Sincerely,
Maria (Lulu) Lucio
Program Manager
Hidalgo County Precinct #4
Ph: 956-292-7000 Ext. 4026
Fax: 956-381-5905
maria.lucio@co.hidalgo.tx.us

FIELD DENSITIES
TEST REPORT

Project Description: Linn San Manuel Facility
 Client: Hidalgo County Pct. #4
 Contractor: JCON Construction, LLC

L&G Project Number: L1301404
 L&G Report Number: R007
 Sample Date: 09/08/2014
 Date Reported: 09/08/2014

Client PO: 713423

Page 1 of 1

Material Description _____ Select Fill _____
 Required % Proctor 95 Moisture Tolerance -2+3

Proctor No	Optimum % Moisture	Opt. Density, LB/CF
SLF MD2	11.0	117.1

Test No.	Test Location	Proctor No	Moisture Content	Dry Density	Percent Compaction	Depth (inch)
1	Service Pad 15ft S x 10ft e from NW Corner 2nd Lift	SLF MD2	8.4%	112.4 pcf	96.0% (Fail)	6"
2	Service Pad 10ft S x 25ft W from NE Corner 2nd Lift	SLF MD2	8.9%	111.0 pcf	94.8% (Fail)	6"
3	Service Pad 12ft N x 20ft W from SE Corner 2nd Lift	SLF MD2	8.4%	104.6 pcf	89.3% (Fail)	6"

Remarks: Test results failed to meet requirements. ✓

Test Methods: (ASTM D2922) (D3017)
 (Field Density) (Moist. Content)

Orig: Hidalgo County Pct. #4 (Gen.) (Hidalgo County Pct. #4)
 (Edinburg, TX) Attn: Raul Sesin
 (1-cc copy)
 1-cc JCON Construction, LLC
 Attn: Juan Jose Pena Jr.
 1-cc Laboratory

Respectfully Submitted,
 L&G Engineering Laboratory



Ricardo A. Gil, Lab Manager

Celia Almaguer

From: Maria Lucio [maria.lucio@co.hidalgo.tx.us]
Sent: Friday, September 05, 2014 1:42 PM
To: Rick Gil; Celia Almaguer
Cc: Hector R. Garcia; mario@chaninengineering.com; ifdenem@jconconstruction.com; Jesus Ozuna; Roman Rodriguez (roman.rodriguez@co.hidalgo.tx.us); Jaime Guerra; jj@jconconstruction.com
Subject: Re: 2nd testing directive request

Good Afternoon,

R007

As per your on call contract C-13-220-08-13 (Work Authorization #6 Linn San Manuel Emergency Service Facility), we would like to request testing for the following:

1. Field Density Compaction test of Select Fill (2nd Lift) ✓

Please begin testing Monday, September 8th at 11:00am. 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 day!

Sincerely,
Maria (Lulu) Lucio
Program Manager
Hidalgo County Precinct #4
Ph:956-292-7000 Ext. 4026
Fax:956-381-5905
maria.lucio@co.hidalgo.tx.us

----- Original Message -----

From: ifdenem@jconconstruction.com
To: "Maria Lucio" hidalgo.tx.us>, "Hector R. Garcia"
Cc: mario@chaninengineering.com
Sent: Friday, September 5, 2014 11:07:05 AM
Subject: 2nd testing directive request

Good Morning,

Need a directive to L & G Engineering Laboratory to perform compaction test on 2nd lift of select fill, sc. Testing to be done on 9/6/2014 @ 11:00 am .

Thank you,
Isabel F Denem

Celia Almaguer

From: Maria Lucio [maria.lucio@co.hidalgo.tx.us]
Sent: Monday, September 08, 2014 12:16 PM
To: Celia Almaguer
Cc: Rick Gil; Hector R. Garcia; mario@chaninengineering.com; ifdenem@jconconstruction.com; Jesus Ozuna; roman rodriguez; Jaime Guerra; jj@jconconstruction.com
Subject: RE: 2nd testing directive request

Good Afternoon Celia,

2008 ✓

Testing failed please send a technician at 2:00 today to test again. Thank you!

Sincerely,
Maria (Lulu) Lucio
Program Manager
Hidalgo County Precinct #4
Ph:956-292-7000 Ext. 4026
Fax:956-381-5905
maria.lucio@co.hidalgo.tx.us

----- Original Message -----

From: Celia Almaguer <calmaguerca@lgengineers.com>
To: Maria Lucio <maria.lucio@co.hidalgo.tx.us>, Rick Gil <rgil@lgengineers.com>
Cc: Hector R. Garcia <hector@matagarcia-architects.com>, mario@chaninengineering.com, ifdenem@jconconstruction.com, Jesus Ozuna <jesus.ozuna@co.hidalgo.tx.us>, roman rodriguez <roman.rodriguez@co.hidalgo.tx.us>, Jaime Guerra <jaime.guerra@co.hidalgo.tx.us>, jj@jconconstruction.com
Sent: Fri, 05 Sep 2014 15:12:19 -0500 (CDT)
Subject: RE: 2nd testing directive request ✓

Lulu,

We will schedule testing for Mon. Sept.8th.

Celia C. Almaguer
Administrative Assistant
L&G Engineering Laboratory
2100 West Expressway 83
Mercedes, Texas 78570
Telephone: (956) 565-0760 ext. 217
Fax: (956) 565-6746
calmaguer@lgengineers.com
www.LGEngineers.com/laboratory

-----Original Message-----

From: Maria Lucio [<mailto:maria.lucio@co.hidalgo.tx.us>]
Sent: Friday, September 05, 2014 1:42 PM
To: Rick Gil; Celia Almaguer
Cc: Hector R. Garcia; mario@chaninengineering.com; ifdenem@jconconstruction.com; Jesus Ozuna; Roman Rodriguez (roman.rodriguez@co.hidalgo.tx.us); Jaime Guerra; jj@jconconstruction.com
Subject: Re: 2nd testing directive request

Good Afternoon,

Zimbra

maria.lucio@co.hidalgo.tx.us

RE: 2nd testing directive request

From : Celia Almaguer <calmaguerca@lgengineers.com>

Fri, Sep 05, 2014 03:12 PM

Subject : RE: 2nd testing directive request**To :** Maria Lucio <maria.lucio@co.hidalgo.tx.us>, Rick Gil <rgil@lgengineers.com>**Cc :** Hector R. Garcia <hector@matagarcia-architects.com>, mario@chaninengineering.com, ifdenem@jconconstruction.com, Jesus Ozuna <jesus.ozuna@co.hidalgo.tx.us>, roman rodriguez <roman.rodriguez@co.hidalgo.tx.us>, Jaime Guerra <jaime.guerra@co.hidalgo.tx.us>, jj@jconconstruction.com

Lulu,

We will schedule testing for Mon. Sept.8th.

Celia C. Almaguer
Administrative Assistant
L&G Engineering Laboratory
2100 West Expressway 83
Mercedes, Texas 78570
Telephone: (956) 565-0760 ext. 217
Fax: (956) 565-6746
calmaguer@lgengineers.com
www.LGEngineers.com/laboratory

-----Original Message-----

From: Maria Lucio [mailto:maria.lucio@co.hidalgo.tx.us]
Sent: Friday, September 05, 2014 1:42 PM
To: Rick Gil; Celia Almaguer
Cc: Hector R. Garcia; mario@chaninengineering.com; ifdenem@jconconstruction.com; Jesus Ozuna; Roman Rodriguez (roman.rodriguez@co.hidalgo.tx.us); Jaime Guerra; jj@jconconstruction.com
Subject: Re: 2nd testing directive request

Good Afternoon,

As per your on call contract C-13-220-08-13 (Work Authorization #6 Linn San Manuel Emergency Service Facility), we would like to request testing for the following:

1. Field Density Compaction test of Select Fill (2nd Lift) ✓

Please begin testing Monday, September 8th at 11:00am. 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 day!

Sincerely,
Maria (Lulu) Lucio
Program Manager
Hidalgo County Precinct #4
Ph:956-292-7000 Ext. 4026

Fax:956-381-5905
maria.lucio@co.hidalgo.tx.us

----- Original Message -----

From: ifdenem@jconconstruction.com
To: "Maria Lucio" hidalgo.tx.us>, "Hector R. Garcia"
Cc: mario@chaninengineering.com
Sent: Friday, September 5, 2014 11:07:05 AM
Subject: 2nd testing directive request

Good Morning,
Need a directive to L & G Engineering Laboratory to perform compaction test on 2nd
lift of select fill, sc. Testing to be done on 9/6/2014 @
11:00 am .

Thank you,
Isabel F Denem

Celia Almaguer

From: Maria Lucio [maria.lucio@co.hidalgo.tx.us]
Sent: Monday, September 08, 2014 3:03 PM
To: Rick Gil; Celia Almaguer
Cc: Jesus Ozuna; Hector R. Garcia; ifdenem@jconconstruction.com; jj@jconconstruction.com; domingo@jconconstruction.com; roman rodriguez; Jaime Guerra; Gloria Beltran
Subject: Fwd: Linn San Manuel Emergency Facility - Directive request
Importance: High

Good Afternoon,

2009

As per your on call contract C-13-220-08-13 (Work Authorization #6 Linn San Manuel Emergency Service Facility), we would like to request testing for the following:

1. Field Density and Compaction of Select Fill type SC Testing is for 3rd & final Lift for building pad & front canopy. Testing to be done on 9/9/2014 @ 3:00pm.

Please begin testing Tuesday, September 9th at 3:00pm. 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 day!

Sincerely,
Maria (Lulu) Lucio
Program Manager
Hidalgo County Precinct #4
Ph:956-292-7000 Ext. 4026
Fax:956-381-5905
maria.lucio@co.hidalgo.tx.us

----- Forwarded Message -----

From: ifdenem@jconconstruction.com
To: "Maria Lucio" hidalgo.tx.us, "Hector R. Garcia"
Cc: "Jj" <jj@jconconstruction.com>, "Domingo" <domingo@jconconstruction.com>
Sent: Monday, September 8, 2014 2:31:40 PM
Subject: Linn San Manuel Emergency Facility - Directive request

Good Afternoon,

Please send directive to L & G Engineering Laboratories to perform testing for fill density and compaction of select fill type SC. Testing is for 3rd & final Lift for building pad & front canopy. Testing to be done on 9/9/2014 @ 3:00pm.

Thank you,

Isabel F Denem
JCON Construction, L.L.C
956-580-9997 ph
956-580-9906 Fax

Attachment "D"
L&G Engineering Laboratory, LLC
Linn-San Manuel Emergency Services Facility
Prepared for Hidalgo County Precinct No. 4

<i>In-Situ Soils Testing-Laboratory-Building Subgrade / Parking Area</i>					
Standard Proctor	2	Ea.	\$202.78	\$405.56	<i>Building Footprint Approx. 7,500 SF</i>
Atterberg Limits of Soils	2	Ea.	\$78.48	\$156.96	
Material Finer #200	2	Ea.	\$65.49	\$130.98	<i>New Parking Area Approx. 24,000 SF</i>
Test Report	2	Ea.	\$23.24	\$46.48	
Technician (Soils)	6	Hr.	\$47.14	\$282.84	
Mileage (Trip Charge)	168	Mi.	\$0.52	\$87.36	
				Subtotal:	\$1,110.18
<i>In-Situ Soils Testing-Field -Building Subgrade / Parking Area</i>					
Field Density Test	15	Ea.	\$23.56	\$353.40	<i>Quantities Based on 3</i>
Test Report	3	Ea.	\$23.24	\$69.72	
Technician (Soils)	10	Hr.	\$47.14	\$471.40	<i>Visits to Project To perform testing</i>
Mileage (Trip Charge)	252	Mi.	\$0.52	\$131.04	
				Subtotal:	
<i>Select Fill (Type Gr 4) Soils Testing / Slab - Laboratory</i>					
Standard Proctor	1	Ea.	\$202.78	\$202.78	<i>Based on 1 Select Fill Samples</i>
Atterberg Limits of Soils	3	Ea.	\$78.48	\$235.44	
Sieve Analysis	3	Ea.	\$58.85	\$176.55	<i>2 Additional Atterberg Limits & Sieve Analysis for Field Verification of Select Fill Materials</i>
Technician (Soils)	8	Hr.	\$47.14	\$377.12	
Mileage (Trip Charge)	168	Mi.	\$0.52	\$87.36	
Test Report	4	Ea.	\$23.24	\$92.96	
				Subtotal:	\$1,172.21
<i>Select Fill (Type Gr 4) Soils Testing-Field Testing and Monitoring</i>					
Field Density Test	12	Ea.	\$23.56	\$282.72	<i>Based on 2 - 6" Lifts A Minimum of 4 Compaction</i>
Test Report	2	Ea.	\$23.24	\$46.48	
Technician (Soils)	6	Hr.	\$47.14	\$282.84	<i>Test Per Lift or every 3000 Square Feet 4 tests per lift</i>
Mileage (Trip Charge)	168	Mi.	\$0.52	\$87.36	
				Subtotal:	
<i>Concrete Reinforcement Steel Placement Verification (Concrete Masonry Units)</i>					
Test Report	10	Ea.	\$23.24	\$232.40	<i>Verification Inspection assuming 10 grout placements</i>
Technician (Concrete)	30	Hr.	\$60.18	\$1,805.40	
Mileage (Trip Charge)	840	Mi.	\$0.52	\$436.80	
				Subtotal:	\$2,474.60
<i>Concrete Placement - Floor Slabs-Main Building-Covered Parking</i>					
Air Content(Pressure Method)	4	Ea.	\$23.51	\$94.04	<i>Assuming 4 Placements for a total of 200 cy 1 set Every 50 as per General Notes 4 Cylinders to be Tested for Compression</i>
Test Report	4	Ea.	\$23.24	\$92.96	
Technician (Concrete)	12	Hr.	\$60.18	\$722.16	
Mileage (Trip Charge)	336	Mi.	\$0.52	\$174.72	
				Subtotal:	\$1,083.88
Cyl. Spec. Prep, Hold, Cure	16	Ea.	\$11.83	\$189.28	<i>at a Frequency of Two 7 Day and Two 28 Day</i>
Comp. Str. Of Cyl. Specimen	16	Ea.	\$15.68	\$250.88	
Test Reports (7 and 28 day)	8	Ea.	\$23.24	\$185.92	
Technician (Concrete)	16	Hr.	\$60.18	\$962.88	
Mileage (Trip Charge)	336	Mi.	\$0.52	\$174.72	
				Subtotal:	\$1,763.68

Concrete Placement - Misc. Concrete -Sidewalks-Canopies-Curb and Gutter					
Air Content(Pressure Method)	10	Ea.	\$23.51	\$235.10	<i>Assuming 10 Placements</i>
Test Report	10	Ea.	\$23.24	\$232.40	
Technician (Concrete)	30	Hr.	\$60.18	\$1,805.40	
Mileage (Trip Charge)	840	Mi.	\$0.52	\$436.80	
				Subtotal:	\$2,709.70
Cyl. Spec. Prep, Hold, Cure	40	Ea.	\$11.83	\$473.20	<i>Quantities based on sample pickup and deliver to laboratory for Compression Testing</i>
Comp. Str. Of Cyl. Specimen	40	Ea.	\$15.68	\$627.20	
Test Reports (7 and 28 day)	20	Ea.	\$23.24	\$464.80	
Technician (Concrete)	40	Hr.	\$60.18	\$2,407.20	
Mileage (Trip Charge)	840	Mi.	\$0.52	\$436.80	
				Subtotal:	\$4,409.20
Concrete Masonry Unit Quality Verification					
Masonry Unit Prep./Compressive Strength	1	Sets	\$228.98	\$228.98	
Masonry Unit SPG/ABS/UNIT WT.	1	Sets	\$228.98	\$228.98	
Technician (Concrete)	8	Hr.	\$60.18	\$481.44	
Test Report	2	Ea.	\$23.24	\$46.48	
				Subtotal:	\$985.88
Concrete Masonry Unit - Grout Testing					
Air Content(Pressure Method)	10	Ea.	\$23.51	\$235.10	
Test Report	10	Ea.	\$23.24	\$232.40	
Technician (Concrete)	30	Hr.	\$60.18	\$1,805.40	
Mileage (Trip Charge)	840	Mi.	\$0.52	\$436.80	
				Subtotal:	\$2,709.70
Grout Prism Prep, Hold, Cure, Comp Str.	30	Ea.	\$32.74	\$982.20	<i>Assuming 10 placements</i>
Test Reports (7 and 28 day)	20	Ea.	\$23.24	\$464.80	
Technician (Concrete)	40	Hr.	\$60.18	\$2,407.20	
Mileage (Trip Charge)	840	Mi.	\$0.52	\$436.80	
				Subtotal:	\$4,291.00
Concrete Masonry Unit - Mortar Testing					
Test Report	10	Ea.	\$23.24	\$232.40	
Technician (Concrete)	30	Hr.	\$60.18	\$1,805.40	
Mileage (Trip Charge)	840	Mi.	\$0.52	\$436.80	
				Subtotal:	
Mortar Cube, Prep, Cure, Comp Str.	30	Ea.	\$32.00	\$960.00	<i>Assuming 10 placements</i>
Test Reports (7 and 28 day)	20	Ea.	\$23.24	\$464.80	
Technician (Concrete)	40	Hr.	\$60.18	\$2,407.20	
Mileage (Trip Charge)	840	Mi.	\$0.52	\$436.80	
				Subtotal:	\$4,268.80
Welding and Bolt Torque Inspection					
Engineering Specialist	16	Ea.	\$117.75	\$1,884.00	<i>Assuming 4 Visits to perform Welding and/or Bolt Torque Inspection</i>
Mileage (Trip Charge)	336	Mi.	\$0.52	\$174.72	
Test Report	4	Ea.	\$23.24	\$92.96	
				Subtotal:	\$2,151.68
Treated In-Situ Soils Testing-Laboratory-Pavement Subgrade					
Standard Proctor	1	Ea.	\$202.78	\$202.78	<i>Quantity Based On 1 visit to obtain sample for laboratory testing</i>
Atterberg Limits of Soils	1	Ea.	\$78.48	\$78.48	
Test Report	1	Ea.	\$23.24	\$23.24	
Technician (Soils)	3	Hr.	\$47.14	\$141.42	
Mileage (Trip Charge)	84	Mi.	\$0.52	\$43.68	
				Subtotal:	\$489.60
Treated In-Situ Soils Testing-Field-Pavement Subgrade					
Field Density Test	10	Ea.	\$23.56	\$235.60	<i>Quantity Based On 2 site visits to perform compaction testing</i>
Test Report	2	Ea.	\$23.24	\$46.48	
Technician (Soils)	6	Hr.	\$47.14	\$282.84	
Mileage (Trip Charge)	168	Mi.	\$0.52	\$87.36	
				Subtotal:	\$652.28

Site Select Fill Soils Testing-Laboratory					
Standard Proctor	1	Ea.	\$202.78	\$202.78	<i>Quantity Based in 1 site visit to obtain sample</i>
Atterberg Limits of Soils	1	Ea.	\$78.48	\$78.48	
Material Finer #200	1	Ea.	\$65.49	\$65.49	
Technician (Soils)	3	Hr.	\$47.14	\$141.42	
Test Report	1	Ea.	\$23.24	\$23.24	
Mileage (Trip Charge)	84	Mi.	\$0.52	\$43.68	
				Subtotal:	\$555.09
Site Select Fill Soils -Field Testing and Monitoring					
Field Density Test	10	Ea.	\$23.56	\$235.60	<i>Quantities based on 2 visits to perform testing</i>
Test Report	2	Ea.	\$23.24	\$46.48	
Technician (Soils)	6	Hr.	\$47.14	\$282.84	
Mileage (Trip Charge)	168	Mi.	\$0.52	\$87.36	
				Subtotal:	
Flexible Base (Caliche) Parking Areas- Testing-Laboratory					
Standard Proctor	1	Ea.	\$202.78	\$202.78	<i>Quantity based on 1 site visit to obtain sample</i>
Atterberg Limits of Soils	1	Ea.	\$78.48	\$78.48	
Sieve Analysis (Dry)(4 Sieve)	1	Ea.	\$58.85	\$58.85	
Texas Wet Ball Mill	1	Ea.	\$229.11	\$229.11	
Technician (Soils)	4	Hr.	\$47.14	\$188.56	
Test Report	2	Ea.	\$23.24	\$46.48	
Mileage (Trip Charge)	84	Mi.	\$0.52	\$43.68	
				Subtotal:	
Flexible Base (Caliche) Parking Areas-Field Testing and Monitoring					
Field Density Test	8	Ea.	\$23.56	\$188.48	<i>Quantities based on three (3) visits to perform in-place testing</i>
Test Report	2	Ea.	\$23.24	\$46.48	
Technician (Soils)	4	Hr.	\$47.14	\$188.56	
Mileage (Trip Charge)	12	Mi.	\$0.52	\$6.24	
				Subtotal:	
Hot Mix Asphalt Paving-Parking Area					
Ext. Sieve Analysis/Asph Content	2	Ea.	\$229.04	\$458.08	<i>Quantities based on three site visits to perform testing</i>
Density of Asphaltic Cores	3	Ea.	\$71.96	\$215.88	
Asphalt Rolling Patterns	6	Ea.	\$39.27	\$235.62	
Coring/ACP Thickness	8	Ea.	\$65.49	\$523.92	
Technician (Asphalt)	12	Hr.	\$60.18	\$722.16	
Mileage (Trip Charge)	252	Mi.	\$0.52	\$131.04	
Test Report	3	Ea.	\$23.24	\$69.72	
				Subtotal:	

Estimated Field and Laboratory Test Fees				\$39,313.44
Engineering Specialist (Report Review)(Hr.)	36		\$117.75	\$4,239.00
Engineer-Principal (Report Review)(Hr.)	36		\$157.08	\$5,654.88
Estimated Materials Testing Total				\$49,207.32



County of Hidalgo Precinct 4
Joseph Palacios Commissioner
1051 N. Doolittle Road
Edinburg Texas 78542-0337

NOTICE TO PROCEED

TO: L&G Engineering Laboratory, LLC
Attn: Jacinto Garza, President
2100 W. Expressway 83
Mercedes, TX 78570

PROJECT NAME: Hidalgo County Precinct No. 4 – Construction Materials Testing Services for Linn San Manuel Emergency Service Facility

CONTRACT NO.: C-13-220-08-13

PO#: 713423

TOTAL AWARDED PROJECT AMOUNT: \$49,207.32

DATE: August 20, 2014

Gentlemen:

Let this serve as a formal notice to proceed for the scope of services as outlined in Work Authorization No. 6 Professional Engineering Services for Construction Materials Testing Services for Linn San Manuel Emergency Service Facility.

This Work Authorization No. 6 was approved by Commissioner's Court on August 12, 2014 agenda item #AI-45918.

According to the terms of the contract, the work authorization shall terminate upon completion of scopes of the work authorization, as identified on Exhibit "C" - Work Schedule. Therefore, you are hereby notified to Commence Work by August 20, 2014.

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE TO PROCEED is HEREBY ACKNOWLEDGED BY:

Engineer: L&G Engineering Laboratory, LLC

Signature: _____

Name and Title: _____

Ricardo A. Gil
Ricardo A. Gil / General Mgr.