

Hidalgo County
Pct #4

11/12/2014

BUDGET ACCOUNT NUMBER
4-1301-419-40-124-136-0-720

VENDOR	OBJ #	P.O.#	REQ#	PCT#	INV DATE	INV #	INV.\$	AUDITOR'S REMARKS
L & G ENG.	720	713423	261694	915	10/24/2014	14-10-000023	\$2,088.92	

Attention: Lupita Garza

AI-47349

CC CONSENT

Meeting Date: 11/18/2014

Submitted For: Comm. J. Palacios

Submitted By: Veronica Lopez, COMM. PCT. #4

Department: COMM. PCT. #4

Information

CAPTION

1. Acceptance and approval of request for payment of invoice 14-10-000023 for \$2,088.92 submitted by L&G Engineering Laboratory for the Linn San Manuel Facility (PO# 713423).

BACKGROUND

Fiscal Impact

FISCAL YEAR: 2014

ACCT. #:

FUNDS AVAILABLE Y/N?: Yes

MATCHING FUNDS Y/N?:

BUDGETARY IMPACT:

1. PO # 713423

Funds available as of 11/12/14

Form Review

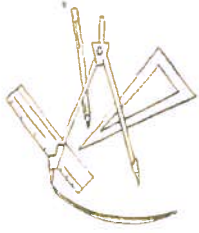
Inbox

Reviewed By

Date

Form Started By: Veronica Lopez

Started On: 11/07/2014 02:41 PM



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

October 23, 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 **R010 thru R016** for **Construction Material Testing** performed on the above referenced project.

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.



**REPORT OF SITE VISIT
 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: R010
 Sample Date: 10/02/2014
 Date Reported: 11/06/2014

Client PO: 713423

Page 1 of 2

On October 2, 2014, a representative of L&G Engineering Laboratory was dispatched to Linn San Manuel Facility to perform inspection on the placement of ready-mixed concrete on Bldg. Pad.

Specimen Number 1 was obtained and tested at 3:50 AM, and the following were determined:

Concrete Temp: 89°f	N/A Specification	Entrapped/Entrained Air Content: 2.5%	N/A Specification
Ambient Temp: 77°f	N/A Specification	Slump: 5 1/2 inches	N/A 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.

Specimen Number 2 was obtained and tested at 4:30 AM, and the following were determined:

Concrete Temp: 89°f	N/A Specification	Entrapped/Entrained Air Content: 2.4%	N/A Specification
Ambient Temp: 77°f	N/A Specification	Slump: 5 inches	N/A Specification

From Specimen Number 2, a total of 4-6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

Specimen Number 3 was obtained and tested at 5:10 AM, and the following were determined:

Concrete Temp: 90°f	N/A Specification	Entrapped/Entrained Air Content: 2.5%	N/A Specification
Ambient Temp: 78°f	N/A Specification	Slump: 4 1/2 inches	N/A Specification

From Specimen Number 3, a total of 4-6x12 cylindrical test specimens were cast for Compressive Strength Testing at intervals of 7 and 28 days.

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



**REPORT OF SITE VISIT
 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: R010
 Sample Date: 10/02/2014
 Date Reported: 11/06/2014

Client PO: 713423

Page 2 of 2

Specimen Number 4 was obtained and tested at 5:55 AM, and the following were determined:

Concrete Temp: 91°f	N/A Specification	Entrapped/Entrained Air Content: 2.3%	N/A Specification
Ambient Temp: 79°f	N/A Specification	Slump: 6 inches	N/A Specification

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

On October 3, 2014, 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 Bldg. Pad. 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, ASTM C-192, ASTM C-138~~
(Air Content)
Slump Test
Temp.
Casting of concrete
Concrete sample
Cylindrical Specimen Prep/hold/cure
Air Content Pressure

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: Tuesday, September 30, 2014 3:58 PM
To: Rick Gil; Celia Almaguer
Cc: Jj; Domingo; Hector R. Garcia; Jesus Ozuna; Gloria Beltran
Subject: Fwd: Directive Linn San Manuel Emergency Facility

Importance: High

Good Afternoon,

2010-2014

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. Concrete Placement-Floor Slab Main Building: to include Air Content (pressure method), Cyl. Spec. Prep, Hold Cure, Comp Str. of Cyl. Specimen and test reports. Please be prepared to run 4 full sets of tests and fabricate 4 sets of specimens.

Testing to be done on 10/2/2014 @ 4:00am.

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: "Isabel F Denem" <ifdenem@jconconstruction.com>
To: "Maria Lucio" hidalgo.tx.us, "Hector R. Garcia"
Cc: "Jj" <jj@jconconstruction.com>, "Domingo" <domingo@jconconstruction.com>
Sent: Tuesday, September 30, 2014 2:45:08 PM
Subject: Directive Linn San Manuel Emergency Facility

Good Afternoon,

Please send a directive to L & G Engineering to perform Concrete Strength for building foundation at the Linn San Manuel Emergency Facility.
Testing to be done on 10/2/2014 at 4:00 AM .

Thank you,

--
Isabel F Denem
Office Manager
JCON Construction, L.L.C
956-580-9997
956-580-9906
ifdenem@jconconstruction.com



L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83 Mercedes, TX 78570 (956) 565-076
 900 S. Stewart Rd. Ste. 6 Mission, TX 78572 (956) 583-711
 3388 US Hwy 277 Carrizo Springs, TX (888) 565-981

CONCRETE COMPRESSION
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: R011
 Sample Date: 10/02/2014 ✓
 Date Reported: 10/09/2014

Client PO: 713423

Page 1 of 1

Placement Location: 10ft W x 7ft s from NE Corner
 Mix ID: 3000 CR Supplier: Central Ready Mix ✓
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: Max 6 Slump: 5.5"
 Specified Air Content: N/A Air Content: 2.5%
 Weather Conditions: Foggy & Humid Air Temp.: 77°f
 Time Batched: 3:10 am Time Sampled: 3:50 am Concrete Temp.: 89°f
 Plant Ticket No: 440504 Truck No: 270 CY: 20
 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	10/09/2014	7	79,070	Type 2	2,800	2,790	93.33'
	B	10/09/2014	7	78,505	Type 2	2,780		92.67'



Remarks/Comments:
 6 x 12 in. Cylinders ✓

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: Tuesday, September 30, 2014 3:58 PM
To: Rick Gil; Celia Almaguer
Cc: Jj; Domingo; Hector R. Garcia; Jesus Ozuna; Gloria Beltran
Subject: Fwd: Directive Linn San Manuel Emergency Facility

Importance: High

Good Afternoon,

2010-2014

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. Concrete Placement-Floor Slab Main Building: to include Air Content(pressure method), Cyl. Spec. Prep, Hold Cure, Comp Str. of Cyl. Specimen and test reports. Please be prepared to run 4 full sets of tests and fabricate 4 sets of specimens.

Testing to be done on 10/2/2014 @ 4:00am.

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: "Isabel F Denem" <ifdenem@jconconstruction.com>
To: "Maria Lucio" hidalgo.tx.us, "Hector R. Garcia"
Cc: "Jj" <jj@jconconstruction.com>, "Domingo" <domingo@jconconstruction.com>
Sent: Tuesday, September 30, 2014 2:45:08 PM
Subject: Directive Linn San Manuel Emergency Facility

Good Afternoon,

Please send a directive to L & G Engineering to perform Concrete Strength for building foundation at the Linn San Manuel Emergency Facility.
Testing to be done on 10/2/2014 at 4:00 AM .

Thank you,

--
Isabel F Denem
Office Manager
JCON Construction, L.L.C
956-580-9997
956-580-9906
ifdenem@jconconstruction.com



L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83 Mercedes, TX 78570 (956) 565-074
 900 S. Stewart Rd. Ste. 6 Mission, TX 78572 (956) 583-71
 3388 US Hwy 277 Carrizo Springs, TX (888) 565-98

CONCRETE COMPRESSION
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: R012
 Sample Date: 10/02/2014
 Date Reported: 10/09/2014

Client PO: 713423

Page 1 of 1

Placement Location: 30ft w x 20ft N from SE Corner
 Mix ID: 3000CR Supplier: Central Ready Mix
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: Max 6 Slump: 5.0"
 Specified Air Content: N/A Air Content: 2.4%
 Weather Conditions: Foggy & Humid Air Temp.: 77°F
 Time Batched: 3:44 am Time Sampled: 4:30 am Concrete Temp.: 89°F
 Plant Ticket No: 440510 Truck No: 301 CY: 80
 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
2	A	10/09/2014	7	92,585	Type 3	3,270	3,240	109.00
	B	10/09/2014	7	90,530	Type 3	3,200		106.67



Remarks/Comments:
 6 x 12 in. Cylinders

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: Tuesday, September 30, 2014 3:58 PM
To: Rick Gil; Celia Almaguer
Cc: Jj; Domingo; Hector R. Garcia; Jesus Ozuna; Gloria Beltran
Subject: Fwd: Directive Linn San Manuel Emergency Facility

Importance: High

Good Afternoon,

2010-2014

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. Concrete Placement-Floor Slab Main Building: to include Air Content (pressure method), Cyl. Spec. Prep, Hold Cure, Comp Str. of Cyl. Specimen and test reports. Please be prepared to run 4 full sets of tests and fabricate 4 sets of specimens.

Testing to be done on 10/2/2014 @ 4:00am.

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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To: "Maria Lucio" hidalgo.tx.us), "Hector R. Garcia"
Cc: "Jj" <jj@jconconstruction.com>, "Domingo" <domingo@jconconstruction.com>
Sent: Tuesday, September 30, 2014 2:45:08 PM
Subject: Directive Linn San Manuel Emergency Facility

Good Afternoon,

Please send a directive to L & G Engineering to perform Concrete Strength for building foundation at the Linn San Manuel Emergency Facility.
Testing to be done on 10/2/2014 at 4:00 AM .

Thank you,

--

Isabel F Denem
Office Manager
JCON Construction, L.L.C
956-580-9997
956-580-9906
ifdenem@jconconstruction.com



L&G Engineering Laboratory
Construction Material Testing
Geotechnical Engineering

2100 W. Expressway 83 Mercedes, TX 78570 (956) 565-074
 900 S. Stewart Rd. Ste. 6 Mission, TX 78572 (956) 583-71
 3388 US Hwy 277 Carrizo Springs, TX (888) 565-98

CONCRETE COMPRESSION
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: R013
 Sample Date: 10/02/2014
 Date Reported: 10/09/2014

Client PO: 713423

Page 1 of 1

Placement Location: 60ft E x 15ft N from SW Corner
 Mix ID: 3000 CR Supplier: Central Ready Mix
 Specified Strength: 3,000 P.S.I. @ 28 days ✓
 Specified Slump: Max 6 Slump: 4.5"
 Specified Air Content: N/A Air Content: 2.5%
 Weather Conditions: Foggy & Humid Air Temp.: 78°f
 Time Batched: 4:32 am Time Sampled: 5:10 am Concrete Temp.: 90°f
 Plant Ticket No: 440517 Truck No: 300 CY: 150
 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
3	A	10/09/2014	7	73,890	Type 2	2,610		87.00
	B	10/09/2014	7	83,160	Type 3	2,940	2,780	98.00



Remarks/Comments:
 6 x 12 in. Cylinders ✓

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: Tuesday, September 30, 2014 3:58 PM
To: Rick Gil; Celia Almaguer
Cc: Jj; Domingo; Hector R. Garcia; Jesus Ozuna; Gloria Beltran
Subject: Fwd: Directive Linn San Manuel Emergency Facility

Importance: High

Good Afternoon,

2010-2014

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. Concrete Placement-Floor Slab Main Building: to include Air Content (pressure method), Cyl. Spec. Prep, Hold Cure, Comp Str. of Cyl. Specimen and test reports. Please be prepared to run 4 full sets of tests and fabricate 4 sets of specimens.

Testing to be done on 10/2/2014 @ 4:00am.

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: "Isabel F Denem" <ifdenem@jconconstruction.com>
To: "Maria Lucio" hidalgo.tx.us, "Hector R. Garcia"
Cc: "Jj" <jj@jconconstruction.com>, "Domingo" <domingo@jconconstruction.com>
Sent: Tuesday, September 30, 2014 2:45:08 PM
Subject: Directive Linn San Manuel Emergency Facility

Good Afternoon,

Please send a directive to L & G Engineering to perform Concrete Strength for building foundation at the Linn San Manuel Emergency Facility.
Testing to be done on 10/2/2014 at 4:00 AM .

Thank you,

--
Isabel F Denem
Office Manager
JCON Construction, L.L.C
956-580-9997
956-580-9906
ifdenem@jconconstruction.com

**CONCRETE COMPRESSION
 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: R014
 Sample Date: 10/02/2014 ✓
 Date Reported: 10/09/2014

Client PO: 713423

Page 1 of 1

Placement Location: 15ft E x 10ft S from NW Corner
 Mix ID: 3000 CR Supplier: Central Ready Mix
 Specified Strength: 3,000 P.S.I. @ 28 days
 Specified Slump: Max 6 Slump: 6.0"
 Specified Air Content: N/A Air Content: 2.3%
 Weather Conditions: Foggy & Humid Air Temp.: 79°f
 Time Batched: 5:01 am Time Sampled: 5:55 am Concrete Temp.: 91°f
 Plant Ticket No: 440523 Truck No: 321 CY: 210
 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	10/09/2014	7	82,240	Type 2	2,910		97.00%
	B	10/09/2014	7	83,520	Type 3	2,950	2,930	98.33%



Remarks/Comments:
 6 x 12 in. Cylinders ✓

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: Tuesday, September 30, 2014 3:58 PM
To: Rick Gil; Celia Almaguer
Cc: Jj; Domingo; Hector R. Garcia; Jesus Ozuna; Gloria Beltran
Subject: Fwd: Directive Linn San Manuel Emergency Facility

Importance: High

Good Afternoon,

2010-2014

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. Concrete Placement-Floor Slab Main Building: to include Air Content (pressure method), Cyl. Spec. Prep, Hold Cure, Comp Str. of Cyl. Specimen and test reports. Please be prepared to run 4 full sets of tests and fabricate 4 sets of specimens.

Testing to be done on 10/2/2014 @ 4:00am. ✓

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: "Isabel F Denem" <ifdenem@jconconstruction.com>
To: "Maria Lucio" hidalgo.tx.us, "Hector R. Garcia"
Cc: "Jj" <jj@jconconstruction.com>, "Domingo" <domingo@jconconstruction.com>
Sent: Tuesday, September 30, 2014 2:45:08 PM
Subject: Directive Linn San Manuel Emergency Facility

Good Afternoon,

Please send a directive to L & G Engineering to perform Concrete Strength for building foundation at the Linn San Manuel Emergency Facility.
Testing to be done on 10/2/2014 at 4:00 AM .

Thank you,

--
Isabel F Denem
Office Manager
JCON Construction, L.L.C
956-580-9997
956-580-9906
ifdenem@jconconstruction.com

**REPORT OF SITE VISIT
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: R015
Sample Date: 10/14/2014
Date Reported: 11/06/2014

Client PO: 713423

Page 1 of 1

On October 14, 2014, a representative of L&G Engineering Laboratory was dispatched to Linn San Manuel Facility to perform Grout testing at 1:00pm.

Upon arrival, no one was present at jobsite, therefore I waited until 1:30pm.

Domingo w/JCON Construction eventually showed up and informed me that he had to cancel the pour due to the Engineer from Chanin Engineering not showing up to the jobsite. As per Domingo, Chanin Engineering had been given a 24-hr notice of the pour but, no representative showed up to the jobsite, therefore pour was cancelled by Contractor.

Test Methods (If Applicable) ~~ASTM C-231~~ ^{Air content} ~~ASTM C-143~~ ~~ASTM C-1064~~ ~~ASTM C-31~~ ~~ASTM C-172~~ ~~ASTM C-192~~ ~~ASTM C-138~~ ^{Slump Test} ^{temp} ^{Casting of concrete} ^{concrete sample} ^{Cylindrical Specimen Prep/Attd/Cure} ^{Air content Pressure}

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: Monday, October 13, 2014 2:32 PM
To: Rick Gil; Celia Almaguer
Cc: Jj; Isabel F Denem; Hector Rene Garcia; jesse ozuna
Subject: Fwd: Directive Linn San Manuel Emergency Facility

Importance: High

Good Afternoon,

ROLS

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. Grout mix testing for concrete masonry unit walls at the Linn San Manuel Emergency to include air content (pressure method), grout prim prep, hold, cure, compressive strength, and test reports.

Testing to be done on 10/14/2014 @ 1:00pm.

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



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From: "Isabel F Denem" <ifdenem@jconconstruction.com>
To: "Maria Lucio" hidalgo.tx.us>
Cc: "Jj" <jj@jconconstruction.com>, "Domingo" <domingo@jconconstruction.com>
Sent: Monday, October 13, 2014 2:00:54 PM
Subject: Directive Linn San Manuel Emergency Facility

Good Afternoon,

Please send a directive to L & G Engineering to perform testing on grout mix for CMU walls at the Linn San Manuel Emergency Facility.

Testing needed tomorrow 10/14/2014 at 1:00 pm.

Thank you,

--

Isabel F Denem
Office Manager
JCON Construction, L.L.C
956-580-9997
956-580-9906
ifdenem@jconconstruction.com



**GROUT SITE VISIT
 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: R016
 Sample Date: 10/17/2014
 Date Reported: 11/06/2014

Client PO: 713423

Page 1 of 1

On October 17, 2014, a representative of L&G Engineering Laboratory was dispatched to Linn San Manuel Facility to perform testing and inspection on the placement of Grout on Walls.

Specimen Number 1 was obtained and tested at 12:45 PM, and the following were determined:

Concrete Temp: 87°f	N/A	Entrapped/Entrained Air Content: 3.8%	N/A
	Specification		Specification
Ambient Temp: 89°f	N/A	Slump: 9 inches	Max 11
	Specification		Specification

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

On October 20, 2014, a representative of L&G Engineering Laboratory was dispatched to the referenced project to collect the test specimens cast on the placement of Grout on Walls. 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~~, ~~ASTM C-192~~, ~~ASTM C-138~~ ^(Air Content) ^(Slump Test) ^(Temp) ^(Casting of Concrete) ^(Concrete Sample) ^(Cylindrical Specimen Preparation) ^(Air Content Pressure)

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, October 16, 2014 9:30 AM
To: Rick Gil; Celia Almaguer
Cc: Jesus Ozuna; Hector Rene Garcia; Isabel F Denem; Domingo; Jj
Subject: Fwd: Directive Linn San Manuel Emergency Facility

Importance: High

Good Morning,

2014

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. Grout mix testing for concrete masonry unit walls at the Linn San Manuel Emergency to include air content (pressure method), grout prim prep, hold, cure, compressive strength, and test reports.

Testing to be done on 10/17/2014 @ 12:00pm.

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: "domingo" <domingo@jconconstruction.com>
To: "Isabel F Denem" <ifdenem@jconconstruction.com>, "Maria Lucio" [hidalgo.tx.us](mailto:maria.lucio@co.hidalgo.tx.us)>
Cc: "Jj" <jj@jconconstruction.com>
Sent: Thursday, October 16, 2014 9:11:37 AM
Subject: Re: Directive Linn San Manuel Emergency Facility

Please send a directive to L&G Engineering to perform testing of grout mix for CMU walls. Testing needed on 10/17/14 @ 12:00 pm.

Thank-you.
Sent from my ZTE Grand™ X, a Cricket 4G smartphone

Isabel F Denem <ifdenem@jconconstruction.com> wrote:

>
>Good Afternoon,
>
> Please send a directive to L & G Engineering to perform testing on
>grout mix for CMU walls at the Linn San Manuel Emergency
> Facility.
> Testing needed tomorrow 10/14/2014 at 1:00 pm.
>
> Thank you,

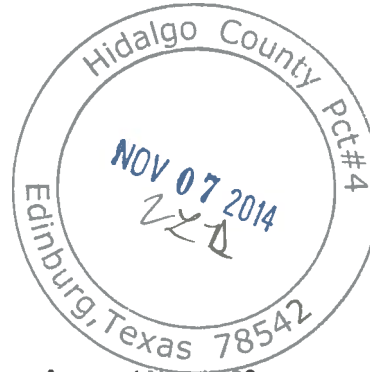
L & G Engineering Laboratory

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



INVOICE
Invoice Date: 10/24/2014
Invoice No: 14-10-00002

Page 1 of 3

Account No.: L130
Project No: L1301404
Project Desc.: Linn San Manuel Facility

Due Date: UPON RECEIPT
Budget/Remaining: \$49,207.32 / \$43,778.39
PO: 713423

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

	<u>Unit Rate</u>	<u>Qty</u>	<u>Extension</u>
920:92033 - Air Content (Pressure Method)	\$23.51	5.00 ✓	\$117.56
920:92034 - Comp. Strength of Cyl. Specimen	\$15.68	8.00 ✓	\$125.44
920:92035 - Cyl. Specimen Prep./Hold/Cure	\$11.83	16.00 ✓	\$189.28
940:94047 - Eng. Tech. (Concrete / Lab)	\$60.18	2.00	\$120.36
940:94050 - Eng. Tech. (Concrete)	\$60.18	13.25	\$797.39
940:94054 - Engineering Specialist	\$117.75	1.50	\$176.63
940:94055 - Engineer / P.E.	\$157.08	1.50	\$235.62
950:95058 - Vehicle Trip Charge	\$0.52	360.00	\$187.20
950:95061 - Test Report	\$23.24	6.00	\$139.44
Total for this Invoice:			\$2,088.99

===== 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>
R010	10/02/2014	4.00	920:92033 - Air Content (Pressure Method)	Each	\$23.51	\$94.04
R010	10/02/2014	16.00	920:92035 - Cyl. Specimen Prep./Hold/Cure	Each	\$11.83	\$189.28
R010	10/02/2014	8.00	940:94050 - Eng. Tech. (Concrete)	Hour	\$60.18	\$481.44
R010	10/02/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R010	10/02/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R010	10/02/2014	180.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$93.60
R010	10/02/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R010 for a Subtotal of:						\$950.31

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

Net 30 Day

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: 10/24/2014
Invoice No: 14-10-00002

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>
R011	10/02/2014	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.68	\$31.36
R011	10/02/2014	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$60.18	\$30.09
R011	10/02/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R011	10/02/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R011	10/02/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R011 for a Subtotal of:						\$153.40
R012	10/02/2014	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.68	\$31.36
R012	10/02/2014	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$60.18	\$30.09
R012	10/02/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R012	10/02/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R012	10/02/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R012 for a Subtotal of:						\$153.40
R013	10/02/2014	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.68	\$31.36
R013	10/02/2014	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$60.18	\$30.09
R013	10/02/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R013	10/02/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R013	10/02/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R013 for a Subtotal of:						\$153.40
R014	10/02/2014	2.00	920:92034 - Comp. Strength of Cyl. Specimen	Each	\$15.68	\$31.36
R014	10/02/2014	0.50	940:94047 - Eng. Tech. (Concrete / Lab)	Each	\$60.18	\$30.09
R014	10/02/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R014	10/02/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R014	10/02/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R014 for a Subtotal of:						\$153.40
R016	10/17/2014	1.00	920:92033 - Air Content (Pressure Method)	Each	\$23.51	\$23.51

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

Net 30 Day

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

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



INVOIC
Invoice Date: 10/24/2014
Invoice No: 14-10-00002

Page 3 of 3

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

Report No.	Sampled	Qty	Billing Code	Unit Type	Unit Rate	Extensior
R016	10/17/2014	5.25	940:94050 - Eng. Tech. (Concrete)	Hour	\$60.18	\$315.95
R016	10/17/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R016	10/17/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R016	10/17/2014	180.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$93.60
R016	10/17/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R016 for a Subtotal of:						\$525.01
Total for this Invoice:						\$2,088.92

4-1301 419 40-124 136-0-720
 Pat # 915
 Pur. Req. # 261694
 P.O. # 718423 VAB

Invoice Received By: [Signature] on 11/7/14
 Goods/Services Received By: [Signature] on 10/2-10/17/14

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

Net 30 Day

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

Purchase Order Inquiry - FUINQ01A 04/16/14 4:10 PM																																																
PO Number	713423	Vendor No	312797	PO Total	49,207.32																																											
PO Date	08-20-2014	Vendor Name	L & G ENGINEERING LABORATORY, LLC	Payment Total																																												
Requisition No	00261694	Address	2100 W. EXPRESSWAY 83																																													
Owner	VLOPEZ		MERCEDES, TX 78570																																													
PO Type																																																
<table border="1"> <thead> <tr> <th>Detail</th> <th>Header</th> <th>Payment Info</th> <th>Journals</th> <th colspan="3"></th> </tr> <tr> <th>Line No</th> <th>Ordered</th> <th>Quantity Received</th> <th>Canceled</th> <th>Description</th> <th>Unit Price</th> <th>Amount</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1</td> <td></td> <td></td> <td>Work Authorization No. 6- CONSTRUCTION MATERIAL TESTING for</td> <td>49,207.320</td> <td>49,207.32</td> </tr> <tr> <td colspan="5"></td> <td>Total</td> <td>49,207.32</td> </tr> <tr> <th>Account Number</th> <th colspan="3"></th> <th>Description</th> <th>Amount</th> <th>Amount Liq</th> </tr> <tr> <td>4-1301-419-40-124-136-0-720</td> <td colspan="3"></td> <td>PCT4 EMERGENCY SRVC-LINN-SAN MANUEL-BLI</td> <td>49,207.32</td> <td>.00</td> </tr> </tbody> </table>							Detail	Header	Payment Info	Journals				Line No	Ordered	Quantity Received	Canceled	Description	Unit Price	Amount	1	1			Work Authorization No. 6- CONSTRUCTION MATERIAL TESTING for	49,207.320	49,207.32						Total	49,207.32	Account Number				Description	Amount	Amount Liq	4-1301-419-40-124-136-0-720				PCT4 EMERGENCY SRVC-LINN-SAN MANUEL-BLI	49,207.32	.00
Detail	Header	Payment Info	Journals																																													
Line No	Ordered	Quantity Received	Canceled	Description	Unit Price	Amount																																										
1	1			Work Authorization No. 6- CONSTRUCTION MATERIAL TESTING for	49,207.320	49,207.32																																										
					Total	49,207.32																																										
Account Number				Description	Amount	Amount Liq																																										
4-1301-419-40-124-136-0-720				PCT4 EMERGENCY SRVC-LINN-SAN MANUEL-BLI	49,207.32	.00																																										

Budget 49,207.32+
 RFP 1 3,340.01-
 000
 Available 45,867.31*

 RFP 2 45,867.31+
 000 2,088.92-
 Available 43,778.39*

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</i>
Atterberg Limits of Soils	2	Ea.	\$78.48	\$156.96	<i>Approx. 7,500 SF</i>
Material Finer #200	2	Ea.	\$65.49	\$130.98	
Test Report	2	Ea.	\$23.24	\$46.48	<i>New Parking Area</i>
Technician (Soils)	6	Hr.	\$47.14	\$282.84	<i>Approx. 24,000 SF</i>
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</i>
Test Report	3	Ea.	\$23.24	\$69.72	<i>Based on 3</i>
Technician (Soils)	10	Hr.	\$47.14	\$471.40	<i>Visits to Project</i>
Mileage (Trip Charge)	252	Mi.	\$0.52	\$131.04	<i>To perform testing</i>
			Subtotal:	\$1,025.56	
<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</i>
Atterberg Limits of Soils	3	Ea.	\$78.48	\$235.44	<i>Samples</i>
Sieve Analysis	3	Ea.	\$58.85	\$176.55	<i>2 Additional Atterberg Limits &</i>
Technician (Soils)	8	Hr.	\$47.14	\$377.12	<i>Sieve Analysis for Field Verification</i>
Mileage (Trip Charge)	168	Mi.	\$0.52	\$87.36	<i>of Select Fill Materials</i>
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</i>
Test Report	2	Ea.	\$23.24	\$46.48	<i>A Minimum of 4 Compaction</i>
Technician (Soils)	6	Hr.	\$47.14	\$282.84	<i>Test Per Lift or every</i>
Mileage (Trip Charge)	168	Mi.	\$0.52	\$87.36	<i>3000 Square Feet</i>
			Subtotal:	\$699.40	<i>4 tests per lift</i>
<i>Concrete Reinforcement Steel Placement Verification (Concrete Masonry Units)</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	<i>Verification Inspection</i>
			Subtotal:	\$2,474.60	<i>assuming 10 grout placements</i>
<i>Concrete Placement Floor Slabs Main Building Covered Parking</i>					
Air Content (Pressure Method)	4	Ea.	\$23.51	\$94.04	<i>Assuming</i>
Test Report	4	Ea.	\$23.24	\$92.96	<i>4 Placements</i>
Technician (Concrete)	12	Hr.	\$60.18	\$722.16	<i>for a total of 200 cy</i>
Mileage (Trip Charge)	336	Mi.	\$0.52	\$174.72	<i>1 set Every 50 as</i>
			Subtotal:	\$1,083.88	<i>per General Notes</i>
					<i>4 Cylinders to be</i>
					<i>Tested for Compression</i>
Cyl. Spec. Prep, Hold, Cure	16	Ea.	\$11.83	\$189.28	
Comp. Str. Of Cyl. Specimen	16	Ea.	\$15.68	\$250.88	<i>at a Frequency of Two 7 Day</i>
Test Reports (7 and 28 day)	8	Ea.	\$23.24	\$185.92	<i>and Two 28 Day</i>
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	Assuming 10 Placements
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	Quantities based on sample pickup and deliver to laboratory for Compression Testing
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	Assuming 10 placements
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 Units - 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	Assuming 10 placements
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	Assuming 4 Visits to perform Welding and/or Bolt Torque Inspection
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	Quantity Based On 1 visit to obtain sample for laboratory testing
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	Quantity Based On 2 site visits to perform compaction testing
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:		\$652.28
Flexible Base (Callche) 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		
Slave 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:	\$847.94	
Flexible Base (Callche) 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:		\$429.76
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:	\$2,356.42	

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

