



L & G Engineering Laboratory

Construction Material Testing Geotechnical Engineering

INVOICE

Invoice Date: 09/25/2014
Invoice No: 14-9-000017

Page 1 of 4

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 / \$12,400.99
PO: 707018

===== 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	3.00	\$196.47
910:91009 - M-D ASTM D698 (Standard Proctor) (each)	\$202.78	3.00	\$608.34
910:91011 - Field Density (Nuclear Method)	\$23.56	16.00	\$376.96
940:94048 - Eng. Tech. (Soils / SP.)	\$47.14	20.50	\$966.37
940:94054 - Engineering Specialist	\$117.75	2.75	\$323.81
940:94055 - Engineer / P.E.	\$157.08	2.75	\$431.97
950:95058 - Vehicle Trip Charge	\$0.52	252.00	\$131.04
950:95061 - Test Report	\$23.24	11.00	\$255.64
Total for this Invoice:			\$3,526.00

===== 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>
R026	08/19/2014	2.00	910:91011 - Field Density (Nuclear Method) ✓	Each	\$23.56	\$47.12
R026	08/19/2014	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$94.28
R026	08/19/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R026	08/19/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R026	08/19/2014	28.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$14.56
R026	08/19/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R026 for a Subtotal of:						\$247.91

REMIT TO: 2100 W. Expressway 83
Mercedes, TX 78570
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Net 30 Day

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

**Construction Material Testing
Geotechnical Engineering**

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

Report No.	Sampled	Qty	Billing Code	Unit Type	Unit Rate	Extension
R027	08/20/2014	2.00	910:91011 - Field Density (Nuclear Method) ✓	Each	\$23.56	\$47.12
R027	08/20/2014	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$94.28
R027	08/20/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R027	08/20/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R027	08/20/2014	28.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$14.56
R027	08/20/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R027 for a Subtotal of:						\$247.91
R028	08/20/2014	2.00	910:91011 - Field Density (Nuclear Method) ✓	Each	\$23.56	\$47.12
R028	08/20/2014	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$94.28
R028	08/20/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R028	08/20/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R028	08/20/2014	28.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$14.56
R028	08/20/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R028 for a Subtotal of:						\$247.91
R029	08/25/2014	2.00	910:91011 - Field Density (Nuclear Method) ✓	Each	\$23.56	\$47.12
R029	08/25/2014	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$94.28
R029	08/25/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R029	08/25/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R029	08/25/2014	28.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$14.56
R029	08/25/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R029 for a Subtotal of:						\$247.91
R030	08/26/2014	1.00	910:91004 - Atterberg Limits Det ✓	Each	\$78.48	\$78.48
R030	08/26/2014	1.00	910:91006 - Materials Finer #200	Each	\$65.49	\$65.49
R030	08/26/2014	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$202.78	\$202.78
R030	08/26/2014	1.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$70.71
R030	08/26/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R030	08/26/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27

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===== 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>Extensior</u>
R030	08/26/2014	1.00	950:95061 - Test Report ✓	Each	\$23.24	\$23.24
Report Number R030 for a Subtotal of:						\$509.41
R031	08/26/2014	1.00	910:91004 - Atterberg Limits Det ✓	Each	\$78.48	\$78.48
R031	08/26/2014	1.00	910:91006 - Materials Finer #200	Each	\$65.49	\$65.49
R031	08/26/2014	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$202.78	\$202.78
R031	08/26/2014	1.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$70.71
R031	08/26/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R031	08/26/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R031	08/26/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R031 for a Subtotal of:						\$509.41
R032	08/26/2014	1.00	910:91004 - Atterberg Limits Det ✓	Each	\$78.48	\$78.48
R032	08/26/2014	1.00	910:91006 - Materials Finer #200	Each	\$65.49	\$65.49
R032	08/26/2014	1.00	910:91009 - M-D ASTM D698 (Standard Proctor) (each)	Each	\$202.78	\$202.78
R032	08/26/2014	1.50	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$70.71
R032	08/26/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R032	08/26/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R032	08/26/2014	28.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$14.56
R032	08/26/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R032 for a Subtotal of:						\$523.91
R033	09/09/2014	2.00	910:91011 - Field Density (Nuclear Method) ✓	Each	\$23.56	\$47.12
R033	09/09/2014	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$94.28
R033	09/09/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R033	09/09/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R033	09/09/2014	28.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$14.56
R033	09/09/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R033 for a Subtotal of:						\$247.91

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===== 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>Extensior</u>
R034	09/11/2014	2.00	910:91011 - Field Density (Nuclear Method) ✓	Each	\$23.56	\$47.12
R034	09/11/2014	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$94.28
R034	09/11/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R034	09/11/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R034	09/11/2014	28.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$14.56
R034	09/11/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R034 for a Subtotal of:						\$247.91
R035	09/12/2014	2.00	910:91011 - Field Density (Nuclear Method) ✓	Each	\$23.56	\$47.12
R035	09/12/2014	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$94.28
R035	09/12/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R035	09/12/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R035	09/12/2014	28.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$14.56
R035	09/12/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R035 for a Subtotal of:						\$247.91
R036	09/12/2014	2.00	910:91011 - Field Density (Nuclear Method) ✓	Each	\$23.56	\$47.12
R036	09/12/2014	2.00	940:94048 - Eng. Tech. (Soils / SP.)	Hour	\$47.14	\$94.28
R036	09/12/2014	0.25	940:94054 - Engineering Specialist	Hour	\$117.75	\$29.44
R036	09/12/2014	0.25	940:94055 - Engineer / P.E.	Hour	\$157.08	\$39.27
R036	09/12/2014	28.00	950:95058 - Vehicle Trip Charge	Mile	\$0.52	\$14.56
R036	09/12/2014	1.00	950:95061 - Test Report	Each	\$23.24	\$23.24
Report Number R036 for a Subtotal of:						\$247.91
Total for this Invoice:						\$3,526.01

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

<i>In Situ Soils/Select Fill/Gravel Backfill (In Situ 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/Gravel Backfill (In Field) 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>Exc. Material Backfill (In 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 Material Backfill (In Field) Building Slab/Subgrade</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 Placement (Prep Site) (In Lab) (In Field) Building Slab/Subgrade</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	<i>Assuming 3 Visits to perform Welding and Bolt Torque Inspection</i>
Mileage (Trip Charge)	150	Mi.	\$0.52	\$78.00	
Test Report	3	Ea.	\$23.24	\$69.72	
			Subtotal:	<u>\$1,207.47</u>	

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>