

STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

**AMENDEDMENT to
PROFESSIONAL SERVICES AGREEMENT
C-14-330-09-09**

This **AMENDMENT to PROFESSIONAL SERVICES AGREEMENT** between **THE COUNTY OF HIDALGO, TEXAS** and **L & G ENGINEERING**, a Texas Corporation, effective the **28TH** day of **OCTOBER, 2014**, is made between the parties, as follows:

WHEREAS, on September 9, 2014, Hidalgo County (the "Owner") entered into a Professional Services Agreement (the "Agreement") with **L&G Engineering** (the "Engineer"), in which the Engineer would provide "Engineering Services" for "**Geo Technical and Construction Material Services**" (**on an as needed basis**) for projects located within **Hidalgo County Precinct No. 4** as described in the Agreement;

WHEREAS, Exhibit C- "Construction Material Testing Laboratory Rates for FY 2014-2015" is amended to reflect correct testing codes and Engineer and County now desires to amend the Professional Services Agreement to accept the revised Exhibit C as amended to the agreement;

WHEREAS, the parties desire to amend the Agreement as hereinafter provided.

NOW THEREFORE, for and in consideration of the terms and provisions set forth herein, for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, County and Surveyor hereby agree to the following amendment to the Contract:

1. Exhibit C- "Construction Material Testing Laboratory Rates for FY 2014-2015" is hereby deleted in its entirety and is replaced with by the amended Exhibit C attached hereto as Exhibit A;
2. Except as modified herein, all terms and conditions of the Agreement, as amended, remain in full force and effect. Surveyor and Owner ratify and confirm the terms and provisions of the Agreement as amended.

EXECUTED IN DUPLICATE ORIGINALS and effective as of the day and year first written above.

COUNTY OF HIDALGO

By: _____
Ramon Garcia, County Judge

ATTEST:

By: _____
Arturo Guajardo, Jr., County Clerk

L & G CONSULTING ENGINEERS, INC.
d/b/a L & G ENGINEERING

By: _____

Printed Name: Jacinto Garza

Title: PE / President

APPROVED AS TO FORM:
Atlas, Hall & Rodriguez, L.L.P.

By: _____
Stephen L. Crain, Attorney

Exhibit A



L & G Engineering
Consulting Engineers

EXHIBIT "C"
L&G ENGINEERING
CONSTRUCTION MATERIALS TESTING
LABORATORY RATES FOR FY 2014-2015

Soils Testing

		FY 2014	FY 2015
Moisture Content Determination	ASTM D2216 - Tex-103-E	\$10.40/Ea.	\$10.55/Ea.
Determination of Liquid Limit of Soils	Tex-104-E	\$52.37/Ea.	\$53.15/Ea.
Determination of Plastic Limit of Soils	Tex-105-E	\$52.58/Ea.	\$53.37/Ea.
Atterberg Limits of Soils	ASTM D 4318 - Tex-106-E	\$78.48/Ea.	\$79.66/Ea.
Bar Linear Shrinkage of Soils	Tex-107-E	\$65.49/Ea.	\$66.47/Ea.
Material Finer #200 Sieve	ASTM D 1140 -Tex-111-E	\$65.49/Ea.	\$66.47/Ea.
Lime Series Testing	Tex-112-E	\$529.04/Ea.	\$536.97/Ea.
Moisture-Density Relationship (TxDOT)	Tex-113-E / Tex-114-E	\$209.45/Ea.	\$212.59/Ea.
Standard Proctor	ASTM D 698	\$202.78/Ea.	\$205.82/Ea.
Modified Proctor	ASTM D 1557	\$209.36/Ea.	\$212.50/Ea.
Field Density Test (Nuclear)	ASTM D 2922 - Tex-115-E	\$23.56/Ea.	\$23.91/Ea.
Determination of Soil pH	Tex-128-E	\$85.12/Ea.	\$86.40/Ea.
Soil-Lime Testing	Tex-121-E	\$157.08/Ea.	\$159.44/Ea.
Resistivity of Soils	Tex-129-E	\$95.22/Ea.	\$96.65/Ea.
Sieve Analysis (Dry)(4 Sieves)	ASTM C 136 - Tex-110-E	\$58.85/Ea.	\$59.73/Ea.
Sieve Analysis (Washed)(4 Sieve)	ASTM C 136 - Tex-110-E	\$71.20/Ea.	\$72.27/Ea.
Sieve Analysis (Additional Sieves)	ASTM C 136 - Tex-110-E	\$13.11/Ea.	\$13.31/Ea.
Texas Wet Ball Mill (Base Material Quality)	Tex-116-E	\$229.11/Ea.	\$232.55/Ea.

Coarse & Fine Aggregate Quality Testing

Decantation Test (Conc. Aggr.)	ASTM C117 - Tex-406-A	\$45.81/Ea.	\$46.50/Ea.
Specific Gravity/Absorp. (Conc. Aggr)	ASTM C127 - Tex-403-A	\$71.91/Ea.	\$72.99/Ea.
5 Cycle Magnesium Soundness	ASTM C88 - Tex-411-A	\$556.21/Ea.	\$564.55/Ea.
SSD Unit Weight of Aggregates	ASTM C29 - Tex-404-A	\$65.49/Ea.	\$66.47/Ea.
Percent Voids/Solids in Conc. Aggr.	Tex-405-A	\$13.05/Ea.	\$13.25/Ea.
*(In Conjunction w/ SSD Unit Wt of Aggregates)			
Sand Equivalent	ASTM D 2419 - Tex-203-F	\$71.91/Ea.	\$72.99/Ea.
Specific Gravity / Absorption (Fine Aggr.)	ASTM C 128 - Tex -403-A	\$78.49/Ea.	\$79.67/Ea.
Organic Impurities in Fine Aggregate	ASTM C 87 - Tex -408-A	\$45.81/Ea.	\$46.50/Ea.
Fineness Modulus of Fine Aggregate	Tex-402-A	\$15.71/Ea.	\$15.95/Ea.
Acid Insoluble of Fine Aggregate	Tex-612-J	\$85.12/Ea.	\$86.40/Ea.

Concrete/Masonry Field & Laboratory Testing

Slump Test	ASTM C 143 - Tex-415-A	\$no charge	\$no charge
Air Content (Pressure Method)	ASTM C 138 - Tex-416-A	\$23.51/Ea.	\$23.86/Ea.
Air Content (Volumetric)	ASTM C 173	\$26.17/Ea.	\$26.56/Ea.
Casting of Concrete Cylinders	ASTM C 31	\$no charge	
Compressive Strength of Cyl. Specimen	ASTM C 39 - Tex-418-A	\$15.68/Ea.	\$15.92/Ea.
Cylindrical Specimen Prep./Hold/Cure	ASTM C 192	\$11.83/Ea.	\$12.00/Ea.
Casting of Grout Prisms	ASTM C 1019	\$no charge	
Grout Prism Prep./Cure/Compressive Strength	ASTM C 39	\$32.74/Ea.	\$33.23/Ea.
Casting of Mortar Cubes	ASTM C 780	\$no charge	
Mortar Cube Prep./Cure/Compressive Strength	ASTM C 109	\$32.00/Ea.	\$32.48/Ea.
Masonry Unit Prep. /Compressive Str. (Set of 3)	ASTM C 140	\$228.98/Ea.	\$232.41/Ea.
Masonry Unit SPG/Abs./Unit Wt. (Set of 3)	ASTM C 140	\$228.98/Ea.	\$232.41/Ea.

***(In Conjunction w/ Field Inspection)**

L&G Engineering
Hidalgo County Pct. #4

Exhibit "C"
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Pavement Thickness / Asphalt Quality

FY 2014

FY 2015

Coring – ACP Thickness	ASTM D 3549	\$65.49/Ea.	\$66.47/Ea.
Pavement Thickness Determination (Full Depth)	ASTM	\$87.14/Ea.	\$88.45/Ea.
Density of Asphaltic Cores (4 or 6 inch)	Tex-207-F	\$71.96/Ea.	\$73.04/Ea.
Extraction/Sieve Analysis/Asphalt Content	Tex-210-F / Tex-200-F	\$229.04Ea.	\$232.48/Ea.
Asphalt Rolling Pattern (Nuclear Method)	Tex-207-F – Part IV	\$39.27/Ea.	\$39.86/Ea.
Eff. Of Water on Asphalt Mixtures (As Rec'd)	Tex-531-C	\$85.12/Ea.	\$86.40/Ea.

Pavement Investigation

FY 2014

FY 2015

Core Existing Asphalt for Thickness, Perform Caliche Base Thickness, Sieve Analysis and Plasticity Index, Stabilized Subgrade Thickness and Plasticity Index		\$490.72/Ea.	\$498.08/Ea.
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L&G Engineering provides Technical and Engineering services at the rates listed below.

<u>Personnel:</u>	Engineer (Principal).....	\$157.08/Hr.	\$159.44/Hr.
	Engineering Specialist.....	\$117.75/Hr.	\$119.52/Hr.
	Technician (Soils).....	\$ 47.14/Hr.	\$47.85/Hr.
	Technician (Concrete).....	\$ 60.18/Hr.	\$61.08/Hr.
	Technician (Asphalt).....	\$ 60.18/Hr.	\$61.08/Hr.

Engineering Review, Evaluation, Management & Administration

FY 2014

FY 2015

Test Report.....	\$ 23.24/Ea.	\$23.59/Ea.
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The specific hourly rate within each classification listed above depends on the experience, training, and qualifications of the personnel. A two (2) hour minimum billing at the applicable rate will be assessed per visit to project site.

Services provided on Saturday, Sunday and all work in excess of “normal” work hours will be invoiced at an overtime rate 1.5 times the applicable rate for the work performed. The cost of services is based upon the assumption that services will be provided during “normal” working hours. Normal working hours are between 7:00 a.m. and 6:00 p.m., Monday through Friday.

<u>Expenses:</u>	Mileage.....	.52/Mi.	.53/Mi.
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All other project specific, third-party costs will be charged at cost plus 10 percent. Invoices will be submitted monthly for work in progress in our standard format. They are due and payable upon receipt and become pas due 30 days after the billing date. Past due invoices may be subject to late charges at the rate of 1 ½ percent per month (18 percent per annum). In the event that the State of Texas legislates a sales tax on Professional Services, the amount of the tax will be added to the appropriate service rate charged. Our invoices are due and payable upon receipt at 2100 W. Expressway 83, Mercedes, Texas 78570.

^^Fees adjusted approximately 1.5% annually.