



L&G Engineering Laboratory

Construction Material Testing
Geotechnical Engineering

February 7, 2012

Ms. Evangelina Garcia
CPPB/Contracts Manager
Hidalgo County Purchasing Dept.
2802 S. Bus. Hwy. 281
Edinburg, TX. 78539

RE: Replacement of Work Authorization No. 1 – Mile 17 N Roadway Rehabilitation & Widening

Dear Ms. Garcia:

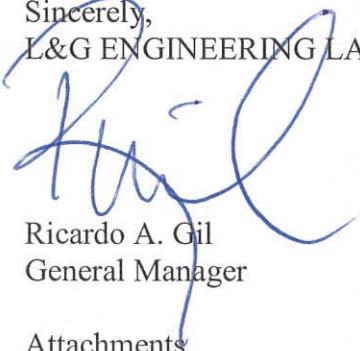
As per our conversation, attached herein for your use is our revised **Attachment I, Schedule of Fees** for the referenced work authorization. We have proceeded to update all line item descriptions so that they reflect the descriptions on our contract.

It should be noted that the fees for this project have been reduced due to a change in scope of services. This change in scope of services occurred after the submittal of our original cost proposal. Originally, the scope of services required an analysis of the existing pavement for the Design Engineers use and information. It was determined, after the submittal of our original cost proposal, that the Design Engineer would no longer be requiring this analysis.

Therefore, this re-submittal of **Attachment “I”, Fee Schedule**, is reflective of services rendered.

If I may be of any additional assistance or any additional information is required, please feel free to contact me at 956-565-0760 or 956-463-2008.

Sincerely,
L&G ENGINEERING LABORATORY, L.L.C.



Ricardo A. Gil
General Manager

Attachments

FEE SCHEDULE

Geotechnical Engineering & Laboratory Testing Services

L&G ENGINEERING LABORATORY, LLC

Mile 17 N. Road - Hidalgo County Pct. 1 Limits: from 0.5 Mi. West of Fm 3071 to FM 1015		MANHOURS						Total
		Engineer (Principal)	Engineer (Principal)	Engineer (Principal)	Engineering Specialist	Technician (CADD)	Admin/Clerical	
TASK								
1	Evaluate Existing Soil Data & Pavement Details			1	4			5
2	Prepare Exhibits (Location Map, Soil Conservation Map, etc)				2	0		2
3	Create Soil Profile & Determine Subgrade Reaction			1	4	0		5
4	Determine Strength Parameters (FWD Research) for FPS		1	2	4			7
5	Evaluate Traffic Analysis for FPS Run (Coord w/TxDOT)		1	2	2			5
6	Design Pavement Structure w/FPS (Multiple Alternatives)		1	4	6	0		11
7	Triaxial Check (Cohesimeter Determination)		1	1	2			4
8	Determine Potential Vertical Rise			2	4			6
9	Recommendations for Soil Stabilization (Lime Ser, Sulfate...)			2	4			6
10	Value Engineering	1	1					2
11	Flexible Pavement Design Report	1	1	2	4		0	10
12	Geotechnical Report and Summary (Final Package)	1	1	2	4		0	10
13	Meeting and Coordination	1	1	1				3
	Subtotal	4	8	20	40	0	0	76
Labor Hours		4	8	20	40	0	0	76
Contract Rates		\$ 150.22	\$ 150.22	\$ 150.22	\$ 112.61	\$ 45.07	\$ 45.07	
Total Labor Costs		\$ 600.88	\$ 1,201.76	\$ 3,004.40	\$ 4,504.40	\$ -	\$ -	\$ 9,311.44

LINE ITEM EXPENSES

Printing / Reproduction

\$ -

Drilling & Testing (See Page 2 of 2)

\$ 7,812.05

Total Expenses

\$ 7,812.05

L&G Laboratory Total Cost

\$ 17,123.49

Attachment I

Geotechnical Field and Laboratory Services
Mile 17 N. Road - Hidalgo County Pct. 1
Limits: from 0.5 Mi. West of Fm 3071 to FM 1015

	SERVICES		UNITS	UNITS	UNIT COST	TOTAL COST
I.	Project Management / Review					
	A. Principal / Project Manager		Hours			
	B. Project Engineer (Principal)		Hours	1	\$ 150.22	\$ 150.22
	C. Typing and Clerical (Report)		Hours			
	D. Lodging		Day			
	E. Mileage		Mile			
	F. Air Travel		Trip			
II.	Utility Clearances / Boring Locates					
	A. Technician (Soils)(Locate Borings)(Util Clr)		Hours	2	\$ 45.07	\$ 90.14
	B. Staff Engineer/Geologist/Scientist		Hours			
	C. Rebar (stakes with impalement covers)		Cost +12.5%			
	D. Vehicle Charge		Mile			
	E. Mileage		Mile	30	\$ 0.490	\$ 14.70
III.	Field Exploration					
A	Mobilization/Demobilization		Day	1	\$ 418.18	\$ 418.18
B	Field Exploration					
	1. Soil Boring/Solid Stem (w SPT Testing)		Feet	90	\$ 29.28	\$ 2,635.20
	2. Texas Cone Penetration Tests		Ea.			
	3. Technician (Soils) (Field Logger)		Hour	10	\$ 45.07	\$ 450.70
	4. Technician (Soils) 24-Hr. Water Observ.		Hour	2	\$ 45.07	\$ 90.14
	5. Piezometers		Each	0	-	-
	6. Support Truck		Mile	30	\$ 1.57	\$ 47.10
	7. Mileage (Logger)			60	\$ 0.49	\$ 29.40
	8. Trenching to Obtain In-situ flexbase & ACP (cut existing section to remove ACP & base)			0	\$ -	\$ -
IV	Geotechnical Data Analysis					
	1. Engineering Specialist (Soil Classification)		Hours	4	\$ 112.61	\$ 450.44
	2. Engineering Specialist (Logs)		Hours	4	\$ 112.61	\$ 450.44
	3. Moisture Content Determination		Ea.	27	\$ 10.00	\$ 270.00
	4. Atterberg Limits of Soils		Ea.	18	\$ 75.06	\$ 1,351.08
	5. -200 Determination		Ea.	18	\$ 52.27	\$ 940.86
	6. Consolidation Tests		Ea.			
	7. Unconfined Compression-Soil-Shelby		Ea.	9	\$ 47.05	\$ 423.45
	8. Soil Sulfate Testing (Subgrade)		Ea.	0	\$ -	\$ -
	9. Soil Lime Series Testing (Subgrade)		Ea.	0	\$ -	\$ -
V	Salvage Materials Testing					
	1. Triaxial Test (Salvage Adequacy)		Hours	0	\$ -	\$ -
	(including MD testing and sample curing)		Hours			\$ -
	2. Extraction / Gradation / Asph cont (Ex. ACP)		Ea.	0	\$ -	\$ -
Project Total						\$ 7,812.05