

THE STATE OF TEXAS     §  
  §  
COUNTY OF HIDALGO     §

**C-08-051A-09-02**  
**SUPPLEMENTAL AGREEMENT NO. 1**  
**TO AGREEMENT FOR PROFESSIONAL SERVICES**

THIS **SUPPLEMENTAL AGREEMENT** is made pursuant to the terms and conditions of Article 7 of the Agreement made by and between **HIDALGO COUNTY**, acting herein by and through the **Commissioner's Court**, hereinafter called the "**Owner**", and L&G Engineering Laboratory, Professional Engineers of, Mercedes, Texas, hereinafter called the "**Engineer**".

**WITNESSETH**

**WHEREAS**, the **Owner** and the **Engineer** executed the **Agreement** on the 2<sup>nd</sup> day of September, 2008 concerning engineering for geotechnical field and laboratory services for Hidalgo County Sheriff's Office Substation in the Precinct No. 1 Area, (hereinafter referred to as the "**Project**"); and,

**WHEREAS**, Article 7 of the **Agreement**, (Supplemental Agreements), establishes that the terms of the Agreement may be amended by supplemental agreement if the Owner determines that (1) there is a need to extend the Termination Date identified in Article 3.1 hereof, (2) there has been a significant change in the scope, complexity or character of the services to be performed by the Engineer, and/or (3) for any other reason agreeable to the Owner and the Engineer; and,

**WHEREAS**, it has become necessary to amend the Agreement to:

- (1) Revise "Exhibit B- Scope of Work" of this Agreement to include geotechnical borings for a Detention Pond design and regrading of structure site to verify no changes in geotechnical properties or water table elevations as provided in prior report on 10/13/08.
- (2) Revise "Exhibit C- Work Schedule" of this Agreement to allow for the revision and completion of the additional work of the Project;
- (3) Revise "Exhibit D- Cost Proposal" of this Agreement to allow for additional compensation due to Engineer for the additional work required to be performed due to the revision of the Scope of Work consisting of the need for structural boring verification and detention pond design, and
- (4) Revise Article 5- "Services" of the Agreement to increase the lump sum fee payable by the Owner to the Engineer.

**A.     AGREEMENT**

**NOW THEREFORE**, premises considered, the **Owner** and the **Engineer** agree that said **Agreement** is amended as follows:

1. Exhibit "B" of the Agreement (Services to be Provided by Engineer) is amended by "Exhibit B-1" titled "Revised Services to be Provided by Engineer," and attached hereto.
2. Exhibit "C" of the Agreement (Work Schedule) is amended by "Exhibit C-1" titled "Revised Work Schedule," a copy of which is attached hereto.
3. Exhibit "D" of the Agreement (Cost Proposal) is amended by "Exhibit D-1" titled "Revised Cost Proposal," a copy of which is attached hereto.
4. Article 5 of the Agreement (Services) first sentence is amended for the purpose of the Supplemental No. 1 is deleted in its entirety and the following ins inserted in lieu thereof:

"For and in consideration of the services to be rendered by the Engineer, as identified in Article 2 and more particularly identified in Exhibit "B", as amended by Exhibit "B-1" attached hereto, the amount payable by the Owner to the Engineer for Services will be in the amount of \$18,837.40, subject to adjustment in accordance with Article 6.1 herein, will be provided in Exhibit C-Fee Breakdown as amended by Exhibit "C-1" and is attached hereto."

5. Except as modified herein, all terms and conditions of the Agreement, as amended for the purposes of this Supplemental No. 1 remain in full force and effect. Engineer and County ratify and confirm the terms and provisions of the Agreement as amended for the purposes of this Supplemental No. 1.

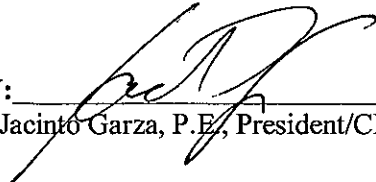
IN WITNESS WHEREOF, the Engineer and the Owner have caused this Supplemental Agreement No. 1 to the Agreement for Professional Services to be executed as of the 1<sup>st</sup> day of March, 2011.

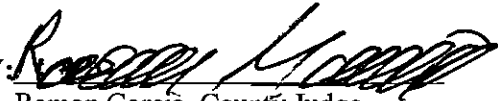
**THE ENGINEER:**


**THE OWNER:**

**L&G ENGINEERING LABORATORY**

**HIDALGO COUNTY**

BY:   
Jacinto Garza, P.E., President/CEO

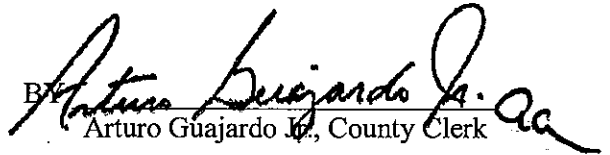
BY:   
Ramon Garcia, County Judge

Approved by Commissioners' Court  
on 3/1/11 

**APPROVED AS TO FORM:  
ATLAS & HALL, LLP**

**ATTEST:**

BY:   
Steve L. Crain

BY:   
Arturo Guajardo Jr., County Clerk

**LIST OF ATTACHMENTS**

- Exhibit B-1 – Scope of Work
- Exhibit C-1 – Work Schedule
- Exhibit D-1 – Cost Proposal

**EXHIBIT "B-1"**  
**"Revised Services to be Provided by Laboratory"**

**PROJECT:** Hidalgo County Sheriff's Office Substation for the Precinct #1 Area

**GENERAL**

The Scope of Work will entail that **L&G Engineering Laboratory** provide to **The County of Hidalgo** a Geotechnical Report for the aforementioned project. The Geotechnical Report will include the following:

- (1) Boring logs with location maps and figures describing the general contour of the proposed construction site, soil classification and water-strike elevations (Structural & other Borings).
- (2) Verification of net allowable bearing capacity of the in situ soils along with the corresponding factor of safety used in our calculations (Structural Boring).
- (3) Verification of minimum and maximum founding depths and sizes of foundations needed to achieve maximum bearing capacity (Structural Boring).
- (4) Verification of foundation size on allowable bearing capacity (Structural Boring).
- (5) Verification of the potential for soil expansion/contraction due to changes in soil moisture (Structural Boring).
- (6) Verification of foundation design parameters for WRI and PTI foundation designs (Structural Boring).

L&G Engineering Laboratory, LLC  
The County of Hidalgo

**EXHIBIT “C-1”  
“Revised Work Schedule”**

**PROJECT:** Hidalgo County Sheriff’s Office Substation for the Precinct #1 Area

The **Laboratory** will provide the deliverables for this work authorization as follows:

- Drilling operations can begin within two (2) to three (3) days following notice to proceed, staking of the borings, clearing the boring locations of utilities and site and weather conditions permitting.
- Drilling operations will take approximately one (1) to two (2) days to complete.
- Report and engineering analyses will be completed within two (2) weeks after completion of the drilling operations.

**The Laboratory will inform the Owner (in reasonable advance of the delay) should the Laboratory encounter delays that would prevent the performance of all work in accordance with the above work schedule.**

**EXHIBIT "D-1"**  
**"Revised Cost Proposal"**

***PROJECT:*** Hidalgo County Sheriff's Office Substation for the Precinct #1 Area

Please see attached Fee Schedule for the **Engineer's** contract rates and estimate.

L&G Engineering  
The County of Hidalgo

**EXHIBIT "D-1"**  
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# L & G Engineering Laboratory

## Construction Material Testing Geotechnical Engineering

### Attachment I

### Geotechnical Field and Laboratory Testing Services

### Hidalgo County Sheriff's Office Substation - Weslaco, TX - Supplemental

	SERVICES	UNITS	UNITS	UNIT COST	TOTAL COST
<b>I.</b>	<b>Project Management // Review</b>				
	A. Principal/Project Manager/Review	Hours			
	B. Senior Project Engineering Specialist	Hours			
	C. Typing and Clerical	Hours			
	D. Lodging	Day			
	E. Mileage	Mile			
	F. Air Travel	Trip			
<b>II.</b>	<b>Utility Clearances // Boring/ Locates</b>				
	A. Technician (Locate Borings)(Util Clr)	Hours	2	\$ 42.00	\$ 84.00
	B. Staff Engineer/Geologist/Scientist	Hours			
	C. Rebar (stakes with impalement covers)	Cost +12.5%			
	D. Vehicle Charge	Lump Sum			
	E. Mileage	Mile	25	\$ 0.500	\$ 12.50
<b>III.</b>	<b>Field Exploration</b>				
A	Mobilization/Demobilization	Lump Sum	1	\$ 400.00	\$ 400.00
B	Field Exploration				
	1. Soil Drilling THD Cone	Feet			
	2. Soil Drilling - Standard Penetration	Feet	65	\$ 14.00	\$ 910.00
	3. Field Logger / Engineering Tech	Hour	8	\$ 42.00	\$ 336.00
	4. 24 Hr. Water Level Obs./Cover Boreholes	Hour	2	\$ 42.00	\$ 84.00
	5. Piezometers	Each			
	7. Support Vehicle Charge	Mile	25	\$ 0.50	\$ 12.50
<b>IV.</b>	<b>Engineering Data Analysis // Report</b>				
	1. Staff Engineer	Hours			
	2. Engineering Spec. (Soil Classification)	Hours	2	\$ 85.00	\$ 170.00
	3. Engineering Spec. (Logs & Report)	Hours	2	\$ 85.00	\$ 170.00
	4. Moisture Content	Ea.	13	\$ 7.00	\$ 91.00
	5. Atterberg Limits	Ea.	13	\$ 55.00	\$ 715.00
	6. -200 Determination	Ea.	13	\$ 50.00	\$ 650.00
	7. Consolidation Tests	Ea.		\$ 65.00	\$ -
	8. Un-Confined Compression	Ea.	1	\$ 50.00	\$ 50.00
	9. Unit Dry Weight	Ea.		\$ 25.00	\$ -
	10. Hydrometer Analysis	Ea.	3	\$ 65.00	\$ 195.00
<b>Project Total</b>					<b>\$ 3,880.00</b>

