

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 2nd 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 revise and complete the additional work of the project;
- (3) Revise “Exhibit D- Cost Proposal” of this Agreement to allow for additional compensation due to the Engineer for the additional work required to be performed due to determine subsurface conditions for the purpose of 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:

- I. Exhibit "B" of the Agreement (Services to be Provided by Engineer) is replaced with the "Exhibit B-1" titled "Revised Services to be Provided by Engineer."
- II. Exhibit "C" of the Agreement (Work Schedule) is replaced with the "Exhibit C-1" titled "Revised Work Schedule."
- III. Exhibit "D" of the Agreement (Cost Proposal) is replaced with the "Exhibit D-1" titled "Revised Cost Proposal."
- IV. Article 5 of the Agreement (Services) first sentence is amended to read as follows:

"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", 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 attached."

- V. Except as modified herein, all terms and conditions of the Agreement, as amended, remain in full force and effect. Engineer and County ratify and confirm the terms and provisions of the Agreement as amended.

IN WITNESS WHEREOF, the Engineer and the Owner have caused this Supplemental Agreement to the Agreement for Professional Services to be executed as of the 1st 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 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.

FEE SCHEDULE
Geotechnical Engineering & Laboratory Testing Services

L&G ENGINEERING LABORATORY

Hidalgo County Sheriff's Office Substation - Supplemental			MANHOURS				
			Senior Project Manager	Geotechnical Engineer	E.I.T.	Admin/Clerical	Total
TASK							
1	Verification of Bearing Capacity Analysis				1		1
2	Verification of PVR Calculations				1		1
3	Verification of Geo/Structural Recommendations				1		1
4	Analysis/Rec. for Det. Pond (Slopes, Soil Use, Water, Etc.)			1	1		2
5	Geotechnical Report		1	1	8	2	12
6	Meeting and Coordination		1				1
	Subtotal		2	2	12	2	18
Labor Hours			2	2	12	2	18
Contract Rates			\$ 50.00	\$ 46.45	\$ 37.00	\$ 17.50	
Direct Salary Cost			\$ 100.00	\$ 92.90	\$ 444.00	\$ 35.00	\$ 671.90
Overhead Multiplier 175.00%			\$ 175.00	\$ 162.58	\$ 777.00	\$ 61.25	\$ 1,175.83
Fixed Fee 12.50%			\$ 34.38	\$ 31.93	\$ 152.63	\$ 12.03	\$ 230.97
Total Labor Costs			\$ 309.38	\$ 287.41	\$ 1,373.63	\$ 108.28	\$ 2,078.69

LINE ITEM EXPENSES

Printing Reproduction	\$ 50.00
Laboratory Testing	\$ 3,880.00
Total Expenses	\$ 3,930.00

L&G Laboratory Total Cost

\$ 6,008.69

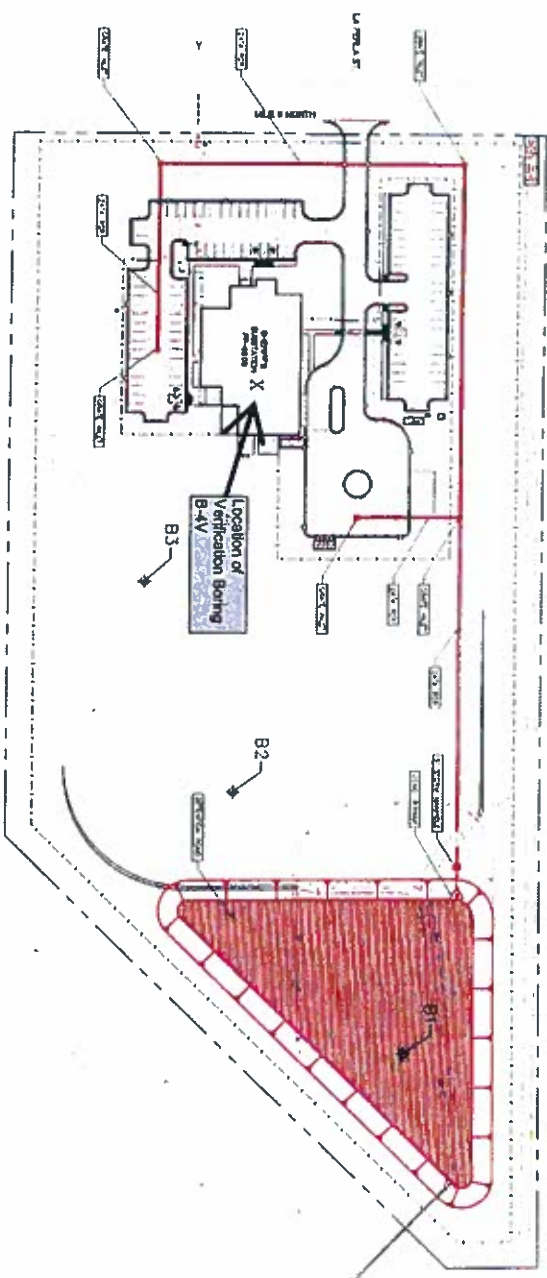
L & G Engineering Laboratory

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
I.	Project Management / Review				
	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			
II.	Utility Clearances / Boring Locates				
	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
III.	Field Exploration				
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
IV.	Engineering Data Analysis / Report				
	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
Project Total					\$ 3,880.00



BONE SITE PLAN
 SCALE: 1/8" = 1'-0"

LEGEND
 ◆ PROPOSED BORE LOCATION

DL, INC.
 DCS LOGISTICS, INC.
 15000 FM 1979
 SUITE 100
 WESTLAKE, TEXAS 75160
 TEL: 972.464.4000
 FAX: 972.464.4001
 15000 FM 1979 SUITE 100
 WESTLAKE, TEXAS 75160
 TEL: 972.464.4000
 FAX: 972.464.4001

KEYPLAN
 Project Number: 021210
 Drawing Date: 06/13/11
 Drawing Title: ALTERNATE SITE PLAN
 Scale: 1" = 50'
 Drawing No.: 1

BONE SITE PLAN
 Sheet No. 1



CDMC | ASSOCIATES
 15000 FM 1979
 SUITE 100
 WESTLAKE, TEXAS 75160
 TEL: 972.464.4000
 FAX: 972.464.4001

CONTRACTOR
 DCS LOGISTICS, INC.
 15000 FM 1979
 SUITE 100
 WESTLAKE, TEXAS 75160
 TEL: 972.464.4000
 FAX: 972.464.4001

DESIGNER
 MORGAN
 15000 FM 1979
 SUITE 100
 WESTLAKE, TEXAS 75160
 TEL: 972.464.4000
 FAX: 972.464.4001



**SHERIFF'S
 SUBSTATION
 HIDALGO COUNTY
 WESTLAKE, TEXAS**