

HIDALGO COUNTY
Professional Engineering Services
Contract # C-13-220-08-13
Work Authorization Form

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section I.A. of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner's Court**, hereinafter called the "**Owner**," and, **L&G ENGINEERING LABORATORY, LLC** professional engineers of Texas, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide **Geotechnical Engineering Services for the Emergency Services Facility - San Manuel/Linn Project located in Hidalgo County Precinct No. Four (4)**

The scope of services to be provided by the **Owner** is identified in **EXHIBIT "A"** – *Scope of Services to be Provided by the Owner* attached hereto.

The scope of services to be provided by the **Engineer** is identified in **EXHIBIT "B"** – *Scope of Services to be Provided by the Engineer* attached hereto.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$9,803.44**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **EXHIBIT "D"**.

PART 3. PAYMENT

Compensation and payment to the **Engineer** for the services established under this Work Authorization shall be made in accordance with Article/Part/Section **5.1** of the Agreement.

PART 4. FUNDING

This Work Authorization No. **1** shall be funded through funding source: Account No. **3-1301-419-40-124-136-0-720**
Requisition Number **246989** (MUST BE INCLUDED AFTER CC APPROVAL)

PART 5. PERIOD OF SERVICE

This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and terminate upon completion of scopes of the work authorization or (DATE).

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the **Agreement**.

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by Hidalgo County Precinct No. 4 Commissioner Joseph Palacios as to content and detail of this Work Authorization No. **#1**.

HIDALGO COUNTY
COMMISSIONER PRECINCT NO. 4:

BY: Joseph Palacios

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on _____, 2013 as indicated below and effective as of the ____ day of _____, 2013.

THE ENGINEER:
L&G ENGINEERING LABORATORY, LLC

THE OWNER:
HIDALGO COUNTY

Jacinto Garza
By: Jacinto Garza, P.E.

Ramon Garcia
Hon. Ramon Garcia, County Judge

ATTEST:

Arturo Guajardo Jr.
Arturo Guajardo Jr., County Clerk

Approved by Commissioners' Court
on 11-19-13 RO

LIST OF ATTACHMENTS

- ATTACHMENT "A" - Service to be provided by the Owner
- ATTACHMENT "B" - Services to be provided by the Engineer
- ATTACHMENT "C" - Work Schedule
- ATTACHMENT "D" - Cost Proposal

ATTACHMENT "A"
Scope of Services (Owner)

PROJECT: Emergency Services Facility - San Manuel/Linn Project in Hidalgo County
Precinct No. Four (4)

SERVICES TO BE PROVIDED BY OWNER

The County of Hidalgo will provide **L&G Engineering Laboratory, LLC** with **Documents, Plans and Specifications** for the **Emergency Services Facility - San Manuel/Linn Project in Precinct No. 4 Project.**

ATTACHMENT "B" Scope of Services

PROJECT: Geotechnical Engineering Services for the Emergency Services Facility - San Manuel/Linn Project in Hidalgo County Pct. No. 4.

GENERAL SCOPE OF WORK

The Scope of Work will entail providing **The County of Hidalgo** with **Geotechnical Engineering Services**.

The Scope of Work is identified as follows:

- **Geotechnical Engineering Services**

L&G Engineering will furnish all equipment, materials, supplies, and incidentals as needed to perform the services required by this Contract: The work is as follows:

Geotechnical Engineering Services

Geotechnical Drilling Services

L&G Engineering will provide drilling services for **Hidalgo County Pct. No. 4**. Soil samples will be removed from the sample apparatus during drilling operations. One of our geologists or engineering technicians will conduct various field tests on the recovered samples, visually classify the samples, and record the appropriate data on a field boring log. The samples will be appropriately packaged to minimize loss of their natural moisture content and to reduce the possibility of damage during transportation to our soils laboratory for testing. The tests performed on these samples will include Moisture Content, Liquid Limit, Plastic Limit, Plasticity Index and Materials Finer than No. 200. Unconfined Compressive Strength and Dry Unit Weight tests will be performed as necessary to provide detailed description of undisturbed samples.

Drilling services will also include a 24-hour water level reading at each boring location. Piezometers, when required, will be installed to maintain the integrity of the borehole overnight or over a weekend. Following completion of drilling, sampling, and subsurface water monitoring operations, all boreholes will be backfilled with soil cuttings from the completed borings. If enough soil cuttings are unavailable, clean sand will be used to backfill the completed boreholes. If a piezometer is installed, the pipe will be removed following the water level readings and the borehole backfilled as described above.

Once all of the Engineering Properties of the soils have been determined, the final Log of Boring is created using the field and laboratory data. Included in the Log of Boring are THD Penetrometer Blow Counts, actual Moisture Contents, Plasticity Indices, and other laboratory test data obtained during the laboratory testing phase of the project. Proper description and location of strata, ground water elevations and test hole elevations will also be included in the Log of Boring.

Engineering Services

Engineering analyses will be conducted after reviewing the results of both the field and laboratory phases of the study. The findings and conclusions derived from the analyses will be presented in a written engineering report which will be prepared by the engineer. The report will include a boring location plan, boring logs with laboratory classification of recovered soil samples and subsurface water conditions encountered. The report will provide engineering recommendations for:

- Pier capacity curves; and
- Soil parameters that may be used in designing the foundations for the planned structures.

The geotechnical report will provide general comments and applicable recommendations regarding construction methods, sequences, and potential difficulties that may arise during overall construction as it relates to the soil and foundation aspects of this project. This information may serve to guide foundation selection and design and assist in the preparation of specifications for the project.

This contract **does not** include activities and corresponding costs that may be associated with the following:

- Providing an ATV mounted drill rig, dozer or special equipment to clear areas of vegetation and debris or to re-grade the site to gain access to the boring locations;
- Re-grading the site or portions of the site after drilling activities are completed;
- Site safety meetings that may be required; or
- Encountering hazardous or contaminated soils or substances during our field activities.

Hidalgo County Pct. No. 4 will be notified should these services become necessary for the completion of field exploration activities.

This proposal **does** include activities and corresponding costs that may be associated with locating buried utilities or pipelines as follows:

- Providing PVC pipe for water level readings; and
- Clearing the boring locations for underground utilities.

Hidalgo County Pct. No. 4 will be responsible for obtaining any necessary permits or authorization to egress areas where the borings are to be drilled.

Schedule

Based on the requested services, it is estimated that the drilling operations can take approximately two (2) to three (3) days to complete. We anticipate that drilling operations can usually 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. The report and engineering analyses should generally be completed within two (2) weeks after completion of the drilling operations.

**ATTACHMENT “C”
Work Schedule**

***PROJECT:* Geotechnical Engineering Services for the Emergency Services Facility - San Manuel/Linn Project in Hidalgo County Pct. No. 4.**

Work Schedule

L&G Engineering Laboratory will provide Hidalgo County Pct. # 4 with Geotechnical Engineering Services as outlined in Contract Agreement C-13-220-08-13.

ATTACHMENT "D"
Cost Proposal

***PROJECT:* Geotechnical Engineering Services for the Emergency Services Facility - San Manuel/Linn Project in Hidalgo County Pct. No. 4.**

See Attached

Attachment D
 Geotechnical Field and Laboratory Services
 Emergency Services Facility - San Manuel/Linn Project
 Prepared for Hidalgo County Pct. No. 4

	SERVICES	UNITS	UNITS	UNIT COST	TOTAL COST
I.	Project Management / Review/Report				
	A. Engineer (Principal) (Senior Project Manager)	Hours	3	\$ 154.76	\$ 464.28
	B. Engineer (Principal)(Geotechnical)	Hours	6	\$ 154.76	\$ 928.56
	C. EIT/Engineer in Training-(Bear. Cap/PVR/Found. Capacity)	Hours	20	\$ 116.01	\$ 2,320.20
II.	Utility Clearances / Boring Locates				
	A. Technician/Soils (Logger) (Locate Borings)(Util Clr)	Hours	3	\$ 46.44	\$ 139.32
		LS			
		Cost			
		Mile			
	B. Mileage (Logger)(Soil Tech)	Mile	50	\$ 0.51	\$ 25.50
III.	Field Exploration				
A	Mobilization/Demobilization				
	1. Mobilization (Drill Rig and Crew)	Daily	1	\$ 430.82	\$ 430.82
B	Field Exploration				
	1. Soil Boring/Solid Stem (w SPT)	Feet	35	\$ 30.17	\$ 1,055.95
	Soil Boring/Mud Rotary (w SPT)	Feet	35	\$ 30.17	\$ 1,055.95
	2. Texas Cone Penetration Tests	Ea.			\$ -
	3. Technician (Soils)(Logger)	Hour	8	\$ 46.44	\$ 371.52
	4. Technician (Soils)(Logger)24 Hr. Water Level Observations	Hour	3	\$ 46.44	\$ 139.32
	5. Piezometers	Each			
	6. Vehicle Charge (Support Truck)	Mile	50	\$ 1.61	\$ 80.50
	7. Mileage (Logger)(Soil Tech)	Mile	100	\$ 0.51	\$ 51.00
C					
IV	Engineering Data Analysis / Report				
	1. Engineering Specialist (Soil Classification)	Hours	4	\$ 116.01	\$ 464.04
	2. Engineering Specialist (Boring Logs)	Hours	4	\$ 116.01	\$ 464.04
	3. Moisture Content	Ea.	20	\$ 10.30	\$ 206.00
	4. Atterberg Limits of Soils	Ea.	12	\$ 77.33	\$ 927.96
	5. Finer #200 Sieve	Ea.	10	\$ 53.85	\$ 538.50
	6. Unconfined Compression Testing	Ea.	1	\$ 48.48	\$ 48.48
	7. Admin/Clerical/Report Reproduction	Hr.	2	\$ 45.75	\$ 91.50
Project Total					\$ 9,803.44

4. **AI-41256** Acceptance of the responses received as "qualified" for award for: "Title Company Services-POOL" (as listed in the RFP Acceptance Sheet attached hereto) and approval of the contract(s). (RFP No.: 2013-152-10-09-CGA)

NO ACTION taken on this Item.

At this time, Commissioner Joe M. Flores stepped away from the meeting.

B.

Pct. 4

1. **AI-41828** Recommendation by project architect, Mata Garcia Architects, LLP, for Commissioners' Court to award the Base Bid with Alternates 1 and 3 to lowest bidder meeting all specifications, Couric Enterprises, LLC dba Foremost Construction in the total amount of \$1,211,000.00 for the project: Hidalgo County Precinct No. 4 "Construction of a Community Resource Center in San Carlos" (Bid No. 2013-072A-11-06-MSS).

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 2, HECTOR PALACIOS, the Court made a UNANIMOUS vote of approval.

Vote: 3 - 0 - Unanimously

2. **AI-41793** A. Requesting approval of "**Clarification**" to caption a), b) & c) under **AI-41735 (approved by CC 11/12/13)**, to reflect for the purposes of negotiating a "**Professional ENGINEERING Services**" agreement and NOT "Surveying Services" for **JOB SPECIFIC PROJECT: FM 1925 (FM 907 - EAST OF SH 68)** within **HIDALGO COUNTY PRECINCT No. 4**.

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 2, HECTOR "TITO" PALACIOS, the Court made a UNANIMOUS vote of approval.

Vote: 3 - 0 - Unanimously



B. Acceptance and approval of **Work Authorization No. 1** in the amount of **(\$ 9,803.44)** submitted by L&G ENGINEERING LABORATORY contracted engineering firm for "professional laboratory services" or (On Call) "Construction Materials Testing" for projects located within Hidalgo County Precinct #4, under Contract# C-13-220-08-13 - **PROJECT: (CONSTRUCTION MATERIAL TESTING SERVICES FOR THE EMERGENCY SERVICES LINN-SAN MANUEL PROJECT).**

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 2, HECTOR "TITO" PALACIOS, the Court made a UNANIMOUS vote of approval.

Vote: 3 - 0 - Unanimously

C. Requesting approval of the final negotiated professional services agreement# **C-13-281-11-19** with **LAZCAMREA, LLC d/b/a FULCRUM CONSULTING SERVICES** for the purposes of "Professional Engineering Services" for **JOB SPECIFIC PROJECT: WAREHOUSE FACILITY** at



**AGENDA
CC REGULAR
HIDALGO COUNTY
COMMISSIONERS COURT
MEETING
November 19, 2013
9:30 A.M.**

NOTICE is hereby given in accordance with Chapter 551, Texas Government Code, that a SPECIAL MEETING of the Commissioners' Court will be held at the Edinburg Council Chambers 415 W. University Drive, Edinburg, Hidalgo County, Texas. Discussion and possible action relating to the following business will be transacted:

1. Roll Call

All members of the Court were counted present.

2. Pledge of Allegiance

Judge Garcia led the Court and Audience in reciting the Pledge of Allegiance.

3. Prayer

Virginia Townsend led the Court and Audience in Prayer.

At this time, the Court proceeded to Item 13.A.

4. Approval of Consent Agenda

The Court moved to approve the Consent Agenda for the exception of Item 6.B to be pulled for discussion.

5. Open Forum

> Fern McClaugherty expressed her concern over the amount of time presenters at Open Forum actually have.

> Opal Billman stated Texas law should award her half of community property and has yet to receive anything. She stated that she was given a promissory note as a divorce settlement which is debt, but does not agree that the Court has done the right thing in her case.

6. County Judge's Office:

- A. AI-41491** Approval to process the following Xerox invoices as a claim with authority for County Treasurer to issue check after auditing procedures are completed by County Auditor.

Invoice Dates	Monthly Amt.	Total Amount
February - November 2013	233.10	\$2,331.00

Commissioner Hector Palacios joined the meeting.

16. Budget & Management - Sergio Cruz:

- A. AI-41777** Discussion, consideration and approval to submit the Texas VINE Reimbursement Maintenance Invoice in the amount of \$6,928.83 (First Qtr) and the Texas Statewide Automated Victim Notification Service (SAVNS) County Verification of Continuing Production Record with authority for County Judge to sign the required documents.

On motion by COMMISSIONER PCT. 3, JOE M. FLORES, seconded by COMMISSIONER PCT. 1, A.C. CUELLAR, JR. , the Court made a UNANIMOUS vote of approval.

Vote: 4 - 0 - Unanimously

- B. AI-41836** Approval of rental payment from the General Fund in the amount of \$11,250 for lease of office space (3304 W. Alberta Rd., Edinburg, TX) for the Urban County Program for the month of December 2013.

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 3, JOE M. FLORES , the Court made a UNANIMOUS vote of approval.

Vote: 4 - 0 - Unanimously

- C. AI-41848** 1. Approval of certification of revenues, as certified by the County Auditor, for proceeds from the sale of assets to Hidalgo County DD No.1

On motion by COMMISSIONER PCT. 3, JOE M. FLORES, seconded by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., the Court made a UNANIMOUS vote of approval.

Vote: 4 - 0 - Unanimously

2. Approval of 2013 appropriation of funds in the total amount of \$1,211,000.00 for the San Carlos Community Resource Center project.

On motion by COMMISSIONER PCT. 1, A.C. CUELLAR, JR., seconded by COMMISSIONER PCT. 3, JOE M. FLORES, the Court made a UNANIMOUS vote of approval.

Vote: 4 - 0 - Unanimously

17.

Purchasing Department - Marty Salazar:

Notes:

A. FOR ANY CONTRACT(S) AWARDED AND APPROVED UNDER THIS AGENDA, EXECUTED COPIES OF THE CONTRACT(S) WILL BE AVAILABLE ON THE COUNTY INTRA-NET WEBSITE AND WILL BE FOWARDED VIA E-MAIL, FAX OR HAND DELIVERED TO HIDALGO COUNTY AUDITOR'S OFFICE.

November 19, 2013

SPECIAL MEETING - November 19, 2013

BE IT REMEMBERED, that on this 19th day of November A.D., 2013, there was begun and held a SPECIAL MEETING of the Honorable Commissioners' Court of Hidalgo County, Texas, wherein the following members thereof were present, to-wit:

HONORABLE RAMON GARCIA	HIDALGO COUNTY JUDGE
HONORABLE A.C. CUELLAR, JR.	COMMISSIONER, PRECINCT NO. 1
HONORABLE HECTOR "TITO" PALACIOS	COMMISSIONER, PRECINCT NO. 2
HONORABLE JOE M. FLORES	COMMISSIONER, PRECINCT NO. 3
HONORABLE JOSEPH PALACIOS	COMMISSIONER, PRECINCT NO. 4

and ARTURO GUAJARDO, JR., COUNTY CLERK & EX-OFFICIO CLERK OF THE COMMISSIONERS' COURT of Hidalgo County, Texas, wherein the following proceedings were had, to-wit: