

HIDALGO COUNTY
Professional Engineering Services
Contract # C-11-185-07-19
Work Authorization Form

WORK AUTHORIZATION NO. 2

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** professional engineers of Mercedes Texas, hereinafter called "**Engineer**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the **Engineer** to provide **Professional Geotechnical Engineering Services for "New Administration Bldg. located in Edinburg, Texas within Hidalgo County Precinct No. 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 **\$10,937.92**. 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. 2 shall be funded through funding source:

Account No. 1-1342-431-00-124-075-0-720

Requisition Number _____ (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. 2.

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 11/08/11 as indicated below and effective as of 8th day of November, 2011.

THE ENGINEER:
L&G ENGINEERING

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 11-8-11 RGJ

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: "New Administration Building located in Edinburg, Texas within Hidalgo County Precinct No. 4

SERVICES TO BE PROVIDED BY OWNER

The County of Hidalgo will provide **L&G Engineering** with **Site Maps, Plans and Specifications** for the **New Administration Building in Edinburg, Texas.**

ATTACHMENT "B"
Scope of Services (Engineer)

PROJECT: "New Administration Building located in Edinburg, Texas within Hidalgo County Precinct No. 4

GENERAL SCOPE OF WORK

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

The Scope of Work is identified as follows:

- **Geotechnical Engineering Services**

L&G Engineering Laboratory 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: "New Administration Building located in Edinburg, Texas within Hidalgo County Precinct No. 4

Work Schedule

L&G Engineering will provide **Hidalgo County Pct. No. 4** with **Professional Geotechnical Engineering Services** as outlined in **Contract Agreement C-11-185-07-19**.

ATTACHMENT "D"
Cost Proposal

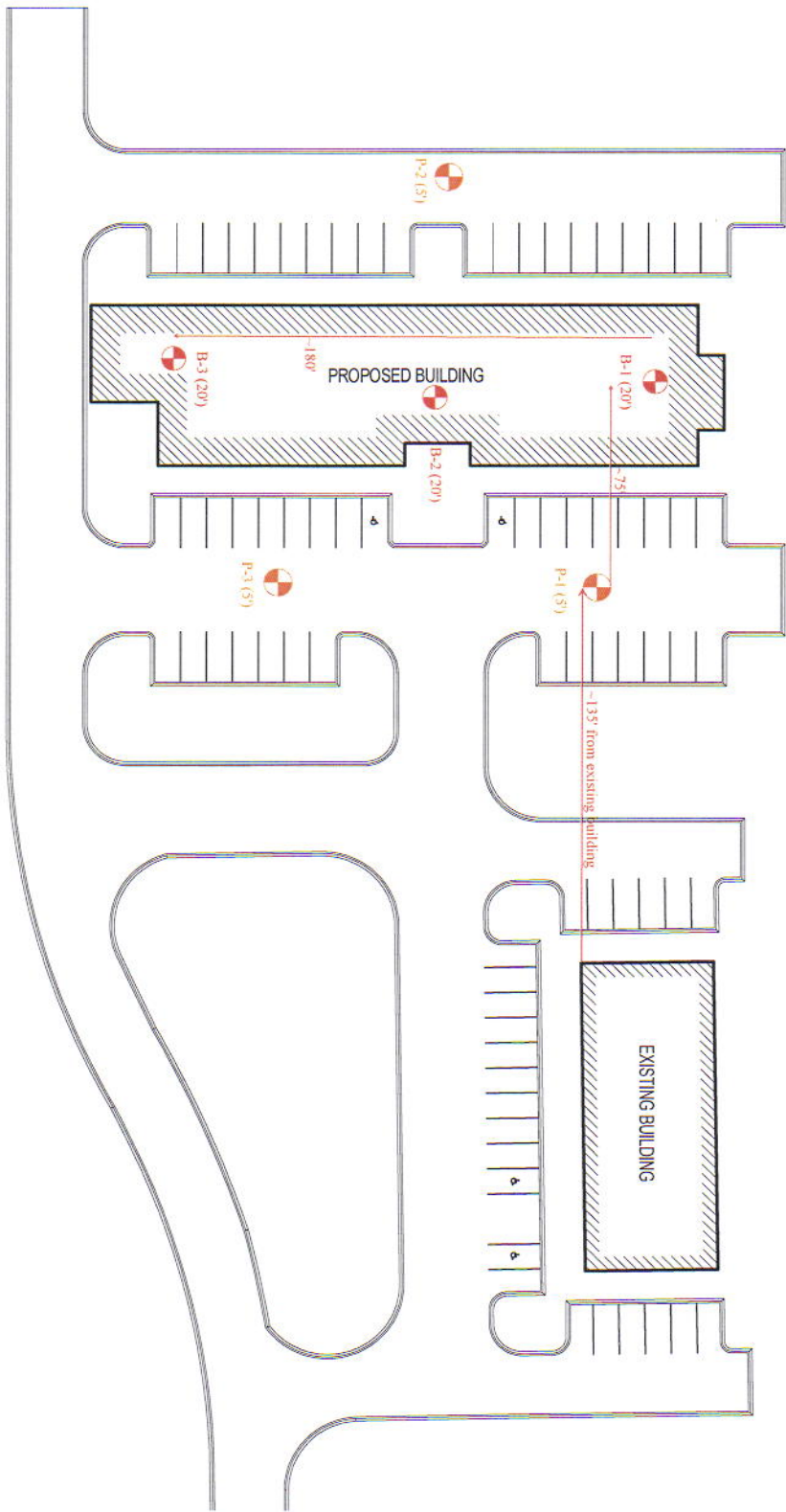
PROJECT: "New Administration Building located in Edinburg, Texas within Hidalgo County Precinct No. 4

See Attached

Attachment I
 Geotechnical Field Services
 Hidalgo County Office Building- Pct. 4
 Prepared for Hidalgo County Pct. 4

	SERVICES		UNITS	UNITS	UNIT COST	TOTAL COST
I.	Project Management / Review					
	A. Principal / Project Manager / Review		Hours			
	B. Senior Project Engineer (Staff)		Hours			
	C. Typing and Clerical (Report)		Hours			
	D. Lodging		Day			
	E. Mileage		Mile			
	F. Air Travel		Trip			
II.	Utility Clearances / Boring Locates					
	A. Technician (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	50	\$ 0.490	\$ 24.50
III.	Field Exploration					
A	Mobilization/Demobilization		Day	1	\$ 418.18	\$ 418.18
B	Field Exploration					
	1. Soil Boring/Solid Stem w SPT Testing		Feet	75	\$ 29.28	\$ 2,196.00
	2. Texas Cone Penetration Tests		Ea.	0	\$ -	\$ -
	3. Field Logger / Engineering Tech		Hour	10	\$ 45.07	\$ 450.70
	4. 24 Hr. Water Level Observations		Hour	2	\$ 45.07	\$ 90.14
	5. Piezometers		Each	0	\$ -	\$ -
	6. Vehicle Charge (Support Vehicle)		Mile	50	\$ 1.57	\$ 78.50
	7. Vehicle Charge (Logger)		Mile	100	\$ 0.49	\$ 49.00
IV	Engineering Data Analysis / Report					
	1. Engineering Spec. (Soil Classification)		Hours	4	\$ 112.61	\$ 450.44
	2. Engineering Spec. (Logs)		Hours	4	\$ 112.61	\$ 450.44
	3. Moisture Content		Ea.	27	\$ 9.95	\$ 268.65
	4. Atterberg Limits		Ea.	22	\$ 75.05	\$ 1,651.10
	5. -200 Determination		Ea.	22	\$ 62.63	\$ 1,377.86
	6. Consolidation Tests		Ea.			\$ -
	7. Unconfined Compression Testing		Ea.	3	\$ 47.05	\$ 141.15
Project Total						\$ 7,736.80

A1 SITE PLAN
1" = 200'



AS101

SITE PLAN

No.	Date	Description

PROJECT NAME
HIDALGO COUNTY PRECINCT 4
OFFICE BUILDING

PROJECT LOCATION
2042 NORTH DOOLITTLE ROAD
EDINBURG, TX 78642

PROJECT OWNER
HIDALGO COUNTY

CONSULTANTS

SCHEMATIC DESIGN

300 South 6th Street
Edinburg, TX 78601
Tel: 361.887.0000
www.eroarchitects.com





**AGENDA
CC CONSENT
HIDALGO COUNTY
COMMISSIONERS COURT MEETING
November 8, 2011
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:

**NOTICE TO THE PUBLIC
CONSENT AGENDA**

The following items are of a routine or administrative nature. The Commissioners' Court has been furnished with background and support on each item, and/or it has been discussed at a previous meeting. All items will be acted upon by one vote without being discussed separately unless requested by a Commissioner, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon. The remaining items will be adopted by one vote.

- 1. **approved** Approval of check register and payment of claims and bills - (Payments from Juvenile Probation, Adult Probation, LEOSE Fund, DA Motor Vehicle Theft Fund, DA Bad Check Processing Fund, DA Forfeiture Fund, Sheriff Forfeiture Funds, Constable Forfeiture Funds, HIDTA Forfeiture Funds and VIT Interest Fund are presented for recording purposes only.)
- 2. **2011 Intradepartmental Transfers:**
 - A. AI-29538 2011 - Co. Wide Adm. (1100)
 - B. AI-29432 2011 - County Clerk (1100)
 - C. AI-29526 2011 - County Clerk (1100) **approved**
 - D. AI-29444 2011 - CCL #1 (1100)
 - E. AI-29453 2011 - CCL #2 (1100)
 - F. AI-29418 2011 - CCL #7 (1100)
 - G. AI-29452 2011 - CCL #7 (1100)
 - H. AI-29422 2011 - 139th District Court (1100)
 - I. AI-29475 2011 - 370th District Court (1100)
 - J. AI-29504 2011 - 430th District Court (1100)
 - K. AI-29415 2011 - County Auditor's Office (1100)
 - L. AI-29516 2011 - County Auditor's Office (1100)
 - M. AI-29485 2011 - Treasurer's Office (1100)
 - N. AI-29463 2011 - Purchasing (1100)

approved

- A. **AI-29515 Self-Funded Workers' Comp. (2202)**
Requesting approval of reimbursement of Hidalgo County Workers' Comp. claims paying account for claims paid by Tristar Risk Management in the amount of \$ 71,211.41 for the period of 10/16-31/2011 and requesting approval of wire transfer.

approved

- B. **AI-29421** 1. Approval to transfer \$598,742.39 to the Hidalgo County Claims Bank Account for Blue Cross Blue Shield Insurance Claims paid for period 10/15/2011 to 10/28/2011.

10/15-21/2011	\$320,716.86
10/22-28/2011	\$278,025.53
TOTAL	\$598,742.39

- 2. Approval of wire transfer to cover claims paid.

approved

- C. **AI-29479 Pct #4 Drainage Improvement Project (1200):**
1. Approval of Certification of Revenues as certified by the County Auditor for Pct. #4 Drainage Improvement Project Labor Reimbursements.

- 2. Approval of 2011 appropriation of funds into Precinct #4 Drainage Improvement Project (program 036) in the amount of \$54,726.02 (Labor Reimbursements - June 2011).

9. Purchasing Dept:

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.

B. ANY AND ALL REQUESTS FOR PAYMENT(S) APPROVED WILL BE SUBJECT TO COUNTY AUDITORS PROCESSING PROCEDURES INCLUDING AUTHORITY FOR COUNTY TREASURER TO ISSUE PAYMENT(S)/CHECK(S).

approved

- A. **AI-29512** Requesting authority to enter into a 12-month software renewal maintenance agreement with ESI Acquisition Inc. an awarded vendor through our membership/participation with (DIR) Department of Information Resource contract #DIR-SDD-822 for the following services requisition #204856. Effective dates below: (1-1100-441-00-340-003-0-336);

Software Maintenance	Effective	Annually
Web EOC Professional V7 Software Support Silver Level	11/1/2011 - 10/31/2012	\$7,965.00
Web EOC Redundant Server Software Support	11/1/2011 - 10/31/2012	\$708.00

approved

- B. **AI-29520** Requesting authority to enter into a Regional Insertion Order Agreement and approval to execute required Regional Insertion Order Agreement with National CineMedia for the Hidalgo County Health Department for On Screen Regional Segment Advertisement from 11/25/2011 - 12/29/2011 through the following requisition #205419 in the total amount of \$1,475.00 (1-1293-441-00-340-012-2-540):

approved 1-3

- C. **AI-29493** 1. Requesting approval of Work Authorization No. 2 for (\$ 10,937.92) from L&G Engineering for "Professional GEO Technical Services" in connection to Contract #C-11-185-07-19, for the "New Administration Offices/Building for Hidalgo County Precinct No. 4";

- 2. Requesting approval of payment of Invoice#11323957 in the amount of (\$40,790.00) submitted by L & G Consulting Engineers, Inc. with authority for County Auditor to review and complete processing procedures and for County Treasurer to issue payment in connection to Contract #C-11-234-09-13 (WA#1-PO#663995) for: "FM 1925 Project" within Hidalgo County Precinct No. 4;

- 3. Requesting approval of payment of Invoice#01.1011 OBWA1 in the amount of (\$17,794.83) submitted by DOS LAND SURVEYING with authority for County Auditor to review and complete processing procedures and for County Treasurer to issue payment in connection contract #C-11-184-07-19-(PO# 663958) for "Surveying Services" (on an as needed basis) for projects located within Hidalgo County Precinct No. 4.

approved

- D. **AI-29488 Texas DPS Highway Patrol:**
Requesting authority of alarm monitoring disconnection for the following locations with authority for County Judge or Court Member to execute pertinent forms.

Address	Account Number
2812 South International, Weslaco, TX 78596	1062
2812 South International, Weslaco, TX 78596	462094

approved

- E. **AI-29476 139th District Court:**
Requesting authority to enter into a 36-month new copier (capital) lease for a WC5225 copier through our membership/participation with (TPSS) Texas Procurement & Support Services awarded vendor, Xerox

APPROVED

9. C.

AI-29493
CC CONSENT

Meeting
Date: 11/08/2011

Submitted For: Martha L Salazar

Submitted By: Letty Saenz, PURCHASING DEPT.

Department: PURCHASING DEPT.

Information

CAPTION



1. Requesting approval of Work Authorization No. 2 for (\$ 10,937.92) from L&G Engineering for "Professional GEO Technical Services" in connection to Contract #C-11-185-07-19, for the "New Administration Offices/Building for Hidalgo County Precinct No. 4";

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BACKGROUND

WA#2-L&G Eng (GEO TECH)-Pct 4 (New Admn/Off bldg)
Inv#1323957-L&G(FM 1925)
Inv#01.1011OBW1-DLS

Fiscal Impact

FISCAL YEAR: 2011

ACCT. #: 1-1342-431-00-124-075-0-720

FUNDS AVAILABLE Y/N?: Y

MATCHING FUNDS Y/N?:

BUDGETARY IMPACT:

Item 1:

Amount available for requisition# 205366 as of 11-4-11 \$10,937.92 for L & G Engineering Laboratory LLC.

Item 3:

Amount available for PO# 663958 as of 11-4-11 \$17,999.42 for Dos Land Surveying.

FISCAL YEAR: 2011

ACCT. #: 1-1336-431-00-124-076-0-731

FUNDS AVAILABLE Y/N?: Y

MATCHING FUNDS Y/N?:

BUDGETARY IMPACT:

Item 2:

Amount available (Sage) for PO# 663995 as of 11-4-11 \$429,600 for L & G Consulting Engineers Inc.

Less: 24,310 Inv#11323943 AI# 28958 10-11-11

New PO balance \$405,290

Attachments

[WA#2-L&G Eng \(GEO Tech Svc\) New Admn Off-Pct 4](#)

[Memo-Request by Pct 4-WA#2](#)

[Contract#C-11-185-0-19-L&G Eng \(GEO Tech\)-Pct 4](#)

[Inv#11323957-L&G Eng \(FM 1925\)-Pct4](#)

[WA#1-L&G Eng-\(FM 925\)-Pct 4](#)

[Contract C-11-234-09-13-L&G Eng \(FM 1925\)-Pct 4](#)

[Inv#01.1011 OBWA1-DLS-Pct 4](#)

[Contract#C-11-184-07-19-DLS-Pct 4](#)

Form Review

Inbox	Reviewed By	Date
Purchasing Department	Marty Salazar	11/04/2011 09:52 AM
Budget & Management	Merlen P. Munoz	11/04/2011 10:09 AM
Manuel Chapa	Manuel Chapa	11/04/2011 01:25 PM
Auditor's Office	Angela Garcia	11/04/2011 03:07 PM
Form Started By: Letty Saenz		Started On: 11/02/2011 04:12 PM
Final Approval Date: 11/04/2011		