

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

WORK AUTHORIZATION NO. 3

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 Restitution Center-Expansion 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 **\$8,496.65**. 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. **3** shall be funded through funding source:
Account No. 2-1342-419-40-220-047-0-452
Requisition Number 216157 (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. # 3.

HIDALGO COUNTY
COMMISSIONER PRECINCT NO. 4:

or VALDE GUERRA
EXECUTIVE OFFICER

BY: Joseph Palacios

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on May 15, 2012 as indicated below and effective as of the 15th day of May, 2012.

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 5/15/12 RD

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)

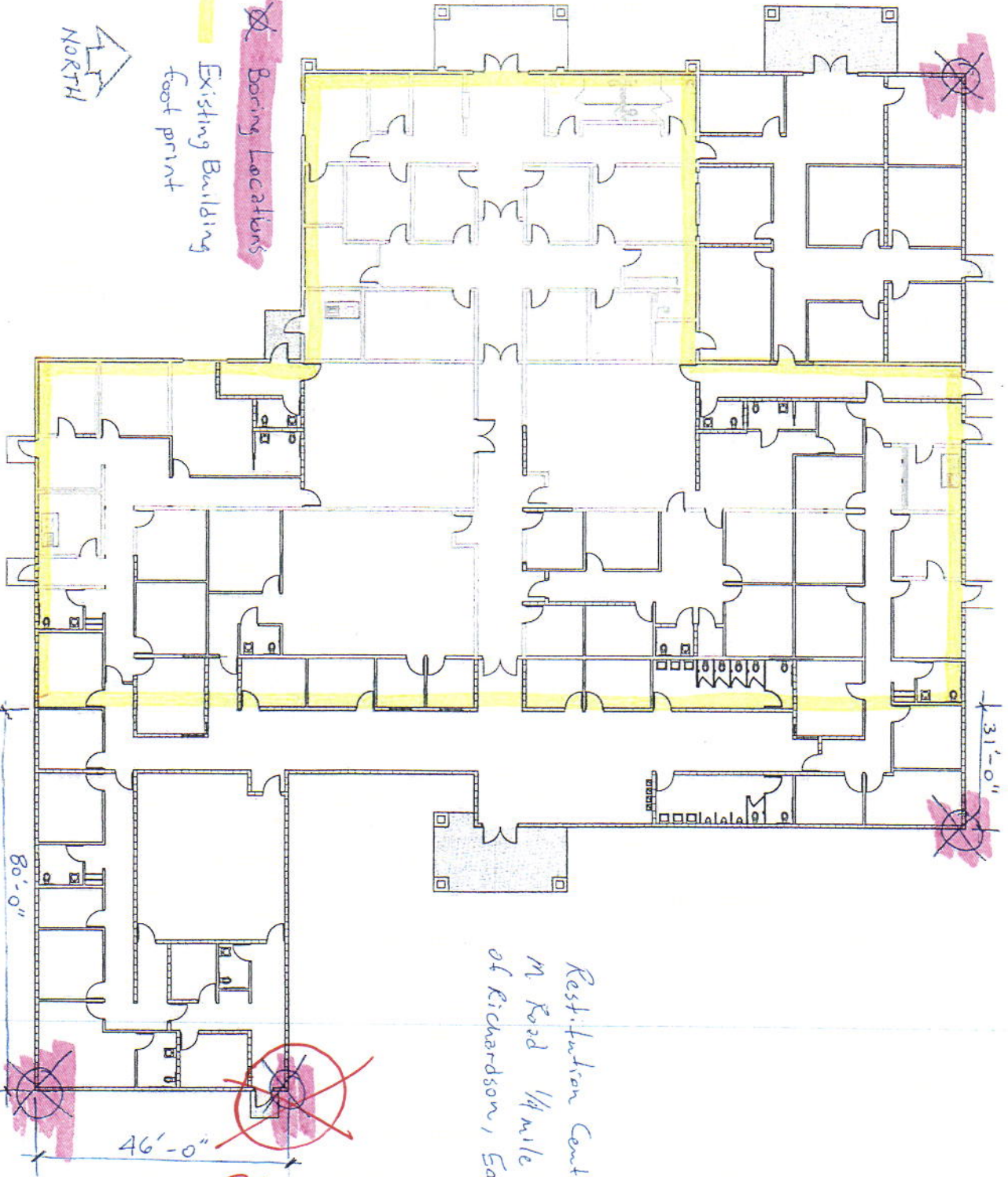
PROJECT: Restitution Center-Expansion Project in Hidalgo County Precinct No. Four (4)

SERVICES TO BE PROVIDED BY OWNER

The County of Hidalgo will provide **L&G Engineering Laboratory, LLC** with **Documents, Plans and Specifications** for the **Restitution Center-Expansion Project in Precinct No. 4 Project**.

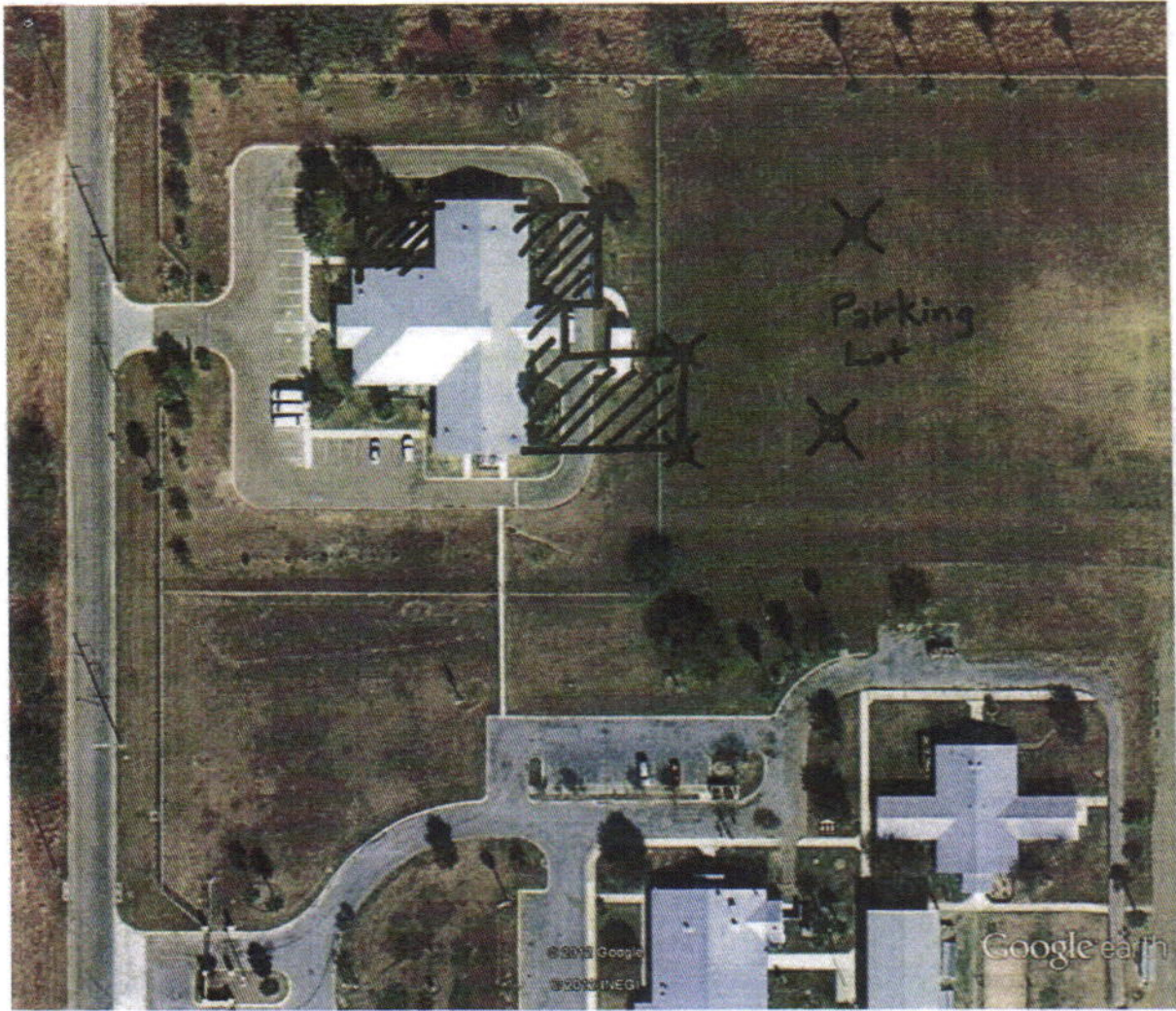


~~Boring Locations~~
Existing Building
Foot print



Restitution Center
N Road 1/4 mile north
of Richardson, Edinburg, TX

eliminate this
location
for m7-1.



Google earth

feet
meters

100

400



ATTACHMENT "B"
Scope of Services

PROJECT: Geotechnical Engineering Services for the Restitution Center-Expansion 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 Restitution Center-Expansion 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-11-185-07-19**.

ATTACHMENT "D"
Cost Proposal

PROJECT: Geotechnical Engineering Services for the Restitution Center-Expansion Project in Hidalgo County Pct. No. 4.

See Attached

Attachment D
 Geotechnical Field and Laboratory Services
 Restitution Center Expansion 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	2	\$ 152.47	\$ 304.94
	B. Engineer (Principal)(Geotechnical)	Hours	4	\$ 152.47	\$ 609.88
	C. EIT/Eng Specialist(Bear. Capacity / PVR / Found. Capacity)	Hours	18	\$ 114.30	\$ 2,057.40
	D. CADD Tech (Geotechnical Report)	Hours			\$ -
	E. Admin/Clerical (Geotechnical Report)	Hours			\$ -
	F. Report Printing and Reproduction	Each			\$ -
II.	Utility Clearances / Boring Locates				
	A. Technician/Soils (Logger) (Locate Borings)(Util Clr)	Hours	2	\$ 45.75	\$ 91.50
	B. Surveyor (Field Location of Borings)	LS			
	C. Rebar (stakes with impalement covers)	Cost			
	D. Vehicle Charge	Mile			
	E. Mileage (Logger)(Soil Tech)	Mile	50	\$ 0.50	\$ 25.00
III.	Field Exploration				
A	Mobilization/Demobilization				
	1. Mobilization (Drill Rig and Crew)	Daily	1	\$ 424.45	\$ 424.45
B	Field Exploration				
	1. Soil Boring/Solid Stem (w SPT)	Feet	80	\$ 29.72	\$ 2,377.60
	Soil Boring/Mud Rotary (w SPT)	Feet			\$ -
	2. Texas Cone Penetration Tests	Ea.			\$ -
	3. Technician (Soils)(Logger)	Hour	8	\$ 45.75	\$ 366.00
	4. Technician (Soils)(Logger)24 Hr. Water Level Observations	Hour	2	\$ 45.75	\$ 91.50
	5. Piezometers	Each			
	6. Vehicle Charge (Support Truck)	Mile	50	\$ 1.59	\$ 79.50
	7. Mileage (Logger)(Soil Tech)	Mile	75	\$ 0.50	\$ 37.50
C					
IV	Engineering Data Analysis / Report				
	1. Engineering Spec. (Soil Classification)	Hours	3	\$ 114.30	\$ 342.90
	2. Engineering Spec. (Logs)	Hours	3	\$ 114.30	\$ 342.90
	3. Moisture Content	Ea.	26	\$ 10.15	\$ 263.90
	4. Atterberg Limits	Ea.	8	\$ 76.19	\$ 609.52
	5. -200 Determination	Ea.	8	\$ 53.05	\$ 424.40
	6. Unconfined Compression Testing	Ea.	1	\$ 47.76	\$ 47.76
	7. Admin/Clerical (Printing and Reproduction of Report)	Hr.			\$ -
Project Total					\$ 8,496.65

APPROVED

AI-32297

Purchasing Department

17. A. 5.

CC REGULAR

Meeting Date: 05/15/2012

Department Head: Martha L Salazar

Submitted By: Letty Saenz, PURCHASING DEPT.

Department: PURCHASING DEPT.

Information

CAPTION



Requesting approval of Work Authorization No. 3 in the amount of \$8,496.65 submitted by L & G Engineering Laboratory, utilizing Contract #C-11-185-07-19 for--"Geo Technical Services" for projects located within Hidalgo County Precinct No. 4 (on an as needed basis)--for PROJECT: Repairs/Renovations, Additions and/or Alterations to the Hidalgo County Restitution Center located at 1124 "M" Road, Edinburg, Texas located within Hidalgo County Precinct No. 4 (Project carried by Architect for Dannenbaum Engineering)

BACKGROUND

WA#3-L & G Engineering Laboratory-(Restitution Center on "M" Road)

Fiscal Impact

FISCAL YEAR: 2012

ACCT. #: 2-1342-419-40-220-047-0-452

FUNDS AVAILABLE Y/N?: Y

MATCHING FUNDS Y/N?:

BUDGETARY IMPACT:

Available balance as of 5-11-12 \$121,914.00

Attachments

WA#3-L&G Eng(Restitution Ctr M Rd Proj)-C-11-185-07-19

Form Review

Inbox	Reviewed By	Date
Purchasing Department	Marty Salazar	05/10/2012 11:31 AM
Budget & Management	Merlen P. Munoz	05/10/2012 12:58 PM
Ivan Cantu	Ivan Cantu	05/11/2012 02:27 PM
Auditor's Office	Monica Badillo	05/11/2012 04:07 PM
Form Started By: Letty Saenz		Started On: 05/09/2012 04:28 PM
Final Approval Date: 05/11/2012		



**AGENDA
CC REGULAR
HIDALGO COUNTY
COMMISSIONERS COURT MEETING
May 15, 2012
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 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**
2. **Pledge of Allegiance**
3. **Prayer**
4. **Approval of Consent Agenda**
5. **Executive Officer - Valde Guerra:**
 - A.
 1. Requesting exemption from competitive bidding requirements under the Texas Local Government Code, Section 262.024(A) (4) "a Professional Service" for the "provision of legal services/representation in connection with litigation."
 2. Requesting engagement with the firm of _____ for the "Provision of Legal Services/Representation in connection with Litigation"
 - B. **AI-32167** Approval of Museum Funding Agreement between County of Hidalgo and the Donna Hooks Fletcher Museum.
 - C. **AI-32255** Budget & Mgmt.:
Requesting permission/approval of travel request for Sergio Cruz to attend the County Investment Officer Training, Level II conference to be held in San Antonio, TX on June 4-7, 2012.
 - D. **AI-32187** Public Defender:
 1. Requesting permission/approval for Francisco Guerrero, Asst. Public Defender; Sofia Kamal, Asst. Public Defender; and Jennifer Narvaez, Deputy Public Defender to travel to San Antonio, Texas to attend the Free Public Defender Training and the 25th Annual Rusty Duncan Advanced Criminal Law Course on June 6 thru 9, 2012.
 2. Requesting permission/approval for Jennifer Narvaez, Deputy Public Defender; and Michael Parson, Assistant Public Defender to travel to Austin, Texas to attend the 8th Annual Special Education and the JUVENILE JUSTICE SYSTEM Course on June 29, 2012.
6. **County Judge's Office:**
 - A. **AI-32314** Resolution honoring the life of Carlos F. Truan

approved

14. Right of Way - Joe Pena:

no action

- A. AI-32329 Authorization to file Eminent Domain proceedings on the following Parcels for the FM 681/ FM 2221 Road Project (TXDOT CSJ #0669-01-052): Parcel #14, 31, 36, 62, and 68. (Pct.3)

15. Pct. #2 - Comm. H. Palacios:--- Raul Silguero

no action

- A. AI-32312 Requesting acceptance and approval of Change Order No. 2 increase of days for 30 calendar days with Saenz Utility Contractor, Ltd (#C-11-044A-06-28) contracted vendor for "Tower Road Phase I Project", reason for extension: unable to start work due to storm sewer system being installed by other contractor, so need additional days to compy with original contract time, with authority for County Judge or Court Member to execute document.

16. Budget & Management - Sergio Cruz:

approved

- A. AI-32141 Approval to submit Form 8038-CP (Return for Credit Payments for Issuers of Qualified Bonds) to the Department of the Treasury for the interest payment due August 15, 2012 on the Certificates of Obligations, Taxable Series 2009C and 2010B (Build America Bonds) with authority for Commissioners' Court Executive Officer to sign form.

approved

- B. AI-32160 Texas Association of Counties (TAC):
Approval to pay Texas Association of Counties (TAC) the amount of \$213,031.03 to cover unemployment claims for the fourth quarter of 2011 and the annual reserve requirement, with authority for County Treasurer to issue payment/manual check after auditing procedures are completed by the County Auditor.

approved

- C. AI-32301 County Wide Insurance (1100):
1. Approval to accept the invoice for the renewal of accident insurance coverage for volunteers from Montalvo Insurance Agency (Coverage period: 6/5/12 to 6/5/13) and authorization for Executive Officer to sign documents as needed.
2. Approval of payment of Invoice dated 5/08/12 from Montalvo Insurance Agency in the amount of \$788.00 for accident insurance coverage for volunteers with authority for County Treasurer to issue check after review and processing procedures are completed by the County Auditor.

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.

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).

- A. Hidalgo County

- 1. **Presentation for acceptance and approval of Current inter-local(s) and/or contract(s) for the "Housing of Inmates"**
nothing to report

- 2. **Presentation for discussion, consideration and action**
 Including, but not limited to, the following items in connection with New Adult Detention Center:
 a) Detention Facility Law Enforcement Center Design- Build Contract with including action regarding Landmark Application for payment, final punch list and release of retainage
 b) Construction of additional pod(s)
 c) Selection and engagement of an architect for the construction of additional pods
nothing to report a-c

- 3. **Presentation for discussion, consideration and action (if necessary) including, but not limited to the following:**
 a) Renovations of administration building
 b) Other ongoing county owned building construction, renovation repair projects
 c) Emergency situations occurring since last agenda meeting
nothing to report a-c

- 4. **AI-32288** Pursuant with CC approved (06-22-09) action to permit Hon. Constable-Pct. #1, Celestino Avila. to participate, select and receive federal military surplus through Texas 1033 Surplus Property Program, requesting approval to accept two (2) vehicles (further described in attachments) upon notification that said vehicles are ready to be picked up in San Antonio.
approved

- 5. **AI-32297** Requesting approval of Work Authorization No. 3 in the amount of \$8,496.65 submitted by L & G Engineering Laboratory, utilizing Contract #C-11-185-07-19 for-"Geo Technical Services" for projects located within Hidalgo County Precinct No. 4 (on an as needed basis)--for PROJECT: Repairs/Renovations, Additions and/or Alterations to the Hidalgo County Restitution Center located at 1124 "M" Road, Edinburg, Texas located within Hidalgo County Precinct No. 4 (Project carried by Architect for Dannenbaum Engineering)
approved

- 6. **AI-32264** Pursuant to Article 3.02, requesting a thirty (30) day extension (until June 16, 2012), under the current contract between Hidalgo County and Paul Vazaldua, d/b/a Vazaldua and Associates for "Consulting Services for Energy Efficiency Strategy Conservation"-(C-10-339-05-17).
approved

- B. Colonia Access Program Pct. 3**
- 1. **AI-32111** Pursuant to Article 3 of Legal Notice to Bidders for procurement of "CAP-12-089-04-11-YSI Road & Drainage Construction for Acevedo #4 Subdivision" approval to reject all bids received and authority to re-advertise the project.
approved

- C. Sheriff's Office**
- 1. **AI-32158** a. Authorization to purchase through Hidalgo County's membership and participation with TASB/Buyboard's awarded vendor, Philpott Motors-Contract No. 358-10, One (1) New 2012 or Newer Ford Expedition equipped and One (1) New 2012 or newer F-150 Regular Cab PU for a combined total of \$65,246.25 which includes \$400.00 buy-board pricing and delivery fees for -Project #2012-120-OGG); or in the alternative,
approved