

**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-08-381-09-16**  
**Work Authorization Form**

**Work Authorization No. 9**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of Article 1 of the Agreement made by and between the **HIDALGO COUNTY**, acting herein by and through Commissioner's Court, hereinafter called the "**Owner**," and, **R. GUTIERREZ ENGINEERING CORPORATION**, professional engineers of Pharr, Texas, hereinafter called "**Engineer**".

**PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the **Engineer** to provide professional engineering and surveying services for a Topographic & Boundary Survey for an approximately 20-acre tract of land and an approximately 10-acre tract of land located on Owassa Road, north of Alamo, Texas.

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 included in **Exhibit D – Fee Estimate**. The actual amount payable for services under this Work Authorization will be in accordance with Article 5.

**PART 3. PAYMENT**

Payment to the **Engineer** for the services established under this Work Authorization shall be made in accordance with Article 8.

**PART 4. FUNDING**

This Work Authorization No. 9 shall be funded through funding source:

Account No. 9-1202-431-00-122-034-0-733

Requisition No. \_\_\_\_\_ (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 shall terminate upon completion of the scope of services of the work as provided in Article 3.

**PART 6. RESPONSIBILITIES AND OBLIGATIONS**

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

**PART 7. ACCEPTANCE AND ACKNOWLEDGEMENT**

This Work Authorization is hereby accepted and acknowledged as indicated below and effective as of \_\_\_ day of \_\_\_\_\_, 2009.

**ENGINEER:**

R. Gutierrez Engineering Corporation

By: Ramiro Gutierrez  
Name: Ramiro Gutierrez, P.E.  
Title: President

**OWNER:**

COUNTY OF HIDALGO

By: Hector "Tito" Palacios  
Name: Hector "Tito" Palacios  
Title: Commissioner Pct. No. 2

By: \_\_\_\_\_  
Name: Juan D. Salinas  
Title: County Judge

**LIST OF ATTACHMENTS**

- EXHIBIT A – Services to be Provided by the Owner
- EXHIBIT B – Services to be Provided by the Engineer
- EXHIBIT C – Work Schedule
- EXHIBIT D – Fee Estimate

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**EXHIBIT A**  
**Services to be Provided by the Owner**

The following provides an outline of the services to be provided by the **Owner** in the development of the **Project**.

**General**

The **Owner** will provide to the **Engineer** the following:

- (1) Payment for work performed by the **Engineer** and accepted by the **Owner** in accordance with Article 5 and Article 6, both of this Agreement.
- (2) Assistance to the **Engineer**, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies that the **Engineer** cannot easily obtain.
- (3) Provide any available relevant data the **Owner** may have on file concerning the project.
- (4) Provide timely review and decisions in response to the **Engineer's** request for information and/or required submittals and deliverables.
- (5) Attend and participate in progress meetings as required and as coordinated and conducted by the **Engineer**.
- (6) Assist **Engineer** with obtaining permission to enter on properties for the purpose of surveying and engineering investigations for the project.

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**EXHIBIT B**

**Services to be Provided by the Engineer**

The following provides an outline of the services to be provided by the **Engineer** in the development of the **Project**.

The **Engineer** will provide to the **Owner** the following:

**Topographic & Boundary Survey**

The **Engineer** will secure written permission to enter private property for the purpose of performing surveying services.

**Topographic Surveying.** The **Engineer** will establish primary **Project** control for field surveying by establishing horizontal and vertical control points, and perform a detailed topographic survey of the project.

The **Engineer** will provide the following:

- 1) **Vertical and Horizontal Control.** Establish vertical and horizontal control by setting a benchmark (BM) and tying it to a permanent BM monument with a known elevation. BM is to be set within the property adjacent to the Tower Road right-of-way in a location to suit field conditions, using Global Positioning System (GPS) survey, and in a location that is likely to be undisturbed by future construction.
- 2) **Topography.** Obtain a topographic information survey of the entire tract of land; provide location, size, height, and depth and/or length and description of topographic features to include, but not limited to the following: driveways, signs, light poles, mail boxes, fences (including metal beam guard fence and turndowns), known utilities spotted by a utility locator service (type, owner, location, and depth if utility exposes underground facility), existing right of way lines, private property lines, etc.. Drainage elements to include: flow lines and/or top of structures for drain pipes, inlets, manholes, other miscellaneous structures and ditches.

### **Boundary Surveying**

The Engineer, utilizing the services of a Registered Public Land Surveyor, will develop a boundary survey for the Owner to use in acquiring rights to the property. The surveyor will utilize ownership information obtained from an independent contractor or provided by the Owner in developing the boundary survey. The surveyor will perform field surveying to establish the existing boundary lines and easement boundaries. The surveyor will prepare field notes and parcel sketches, signed and sealed by a Registered Professional Land Surveyor, for the property surveyed. The surveyor will perform any necessary revisions to the boundary survey, field notes and parcel sketches as may be required.

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**EXHIBIT C**  
**Work Schedule**

The schedule for the work in this Work Authorization shall commence on the date of execution of this Work Authorization and continue for:

(1) a period which may reasonably be required for performing the topographic and boundary surveying services called for as described in Exhibit B of this Work Authorization including any extra work and any required additions thereto; or

(2) a period extending 12 months after the completion of the services called for as described in Exhibit B of this Work Authorization.

The final acceptance by the Owner of the services called for as described in Exhibit B of this Work Authorization shall serve as evidence of completion of the work on this Work Authorization.

Boundary and Topographic Survey

Estimated Fee

TASK	COST
<b>Topographic and Boundary Survey Services Fee</b>	
TOPOGRAPHIC SURVEY (2 Tracts)	\$2,400
BOUNDARY SURVEY (2 Tracts)	\$4,800
<b>TOTAL (Suveying Services Fee)</b>	<b>\$7,200</b>

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## R. Gutierrez Engineering Corporation

February 17, 2009

Hector "Tito" Palacios  
County Commissioner  
Hidalgo County Precinct No. 2  
301 E. State Street  
Pharr, TX 78577

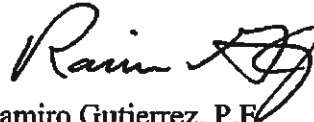
RE: Work Authorization No. 9 – El Jay Drainage Project Surveys  
Project No. ENG08.024h

Dear Commissioner Palacios:

Enclosed are two original signature copies of a proposed Work Authorization No. 9 of the 2008 Road & Bridge Contract. This work authorization is for professional services associated with the El Jay Drainage project. The work consists of providing boundary and topographic survey of two tracts of land being acquired for the El Jay Drainage project.

If this Work Authorization No 9 meets your approval, please place it before Commissioners Court for approval and signature. Please return one original signature copy for my files. If you have any questions, please call me so that we may discuss them. You can call me at 956-782-2557 or on my mobile at 956-227-2154.

Sincerely,



Ramiro Gutierrez, P.E.  
President

encl  
cc: Files