

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

Work Authorization No. 10

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 Topographic Surveying & Data Collection and Boundary Surveying for use in developing a proposed drainage improvement project. The proposed project is to provide improvements to an existing drain ditch located approximately 0.25 miles south of and parallel to Owassa Road north of Alamo, Texas. The proposed drainage improvements will begin at Cesar Chavez Road on the west and terminate approximately 1.0 miles east of Tower Road at the existing Hidalgo County Drainage District No. 1 drain ditch known as the Alamo Lateral.

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. 10 shall be funded through funding source:

Account No. _____

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 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 for the project.

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EXHIBIT B

Services to be Provided by the Engineer

The scope of work will consist of surveying & data collection and boundary surveying for use in developing a proposed drainage improvement project. The proposed project is to provide improvements to an existing drain ditch located approximately 0.25 miles south of and parallel to Owassa Road north of Alamo, Texas. The proposed drainage improvements will begin at Cesar Chavez Road on the west and terminate approximately 1.0 miles east of Tower Road at the existing Hidalgo County Drainage District No. 1 drain ditch known as the Alamo Lateral.

The project is divided into two (2) phases: 1) Surveying and Data Collection, and; 2) Boundary Surveying Services.

1) Topographic Surveying & Data Collection Services. The Engineer will compile cross-sections, at approximately 250-foot intervals, of the existing terrain which includes an existing drain ditch. Topographic information, of items that are above ground and visible, within the proposed project right-of-way or easement will be obtained. If right-of-entry is obtained, then the topographic survey will be extended approximately 50-feet outside the existing right-of-way or easement boundary. If requested, additional topographic survey data will be obtained of items that may be discovered during the design of the improvements.

The Engineer will 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 Cesar Chavez Road, Alamo Road and Tower Road right-of-way in a location to suit field conditions, using Global Positioning System (GPS) survey, and in a location that is not likely to be disturbed by future construction.

2) Boundary Surveying Services. 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.

Miscellaneous. Hidalgo County will assist the engineer in obtaining the right-of-entry from the adjacent property owners.

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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.

R. Gutierrez
Engineering Corp.

Exhibit D**9/16/08****Topographic
and
Boundary Survey****Estimated Fee**

TASK	COST
Topographic and Boundary Survey Services Fee	
TOPOGRAPHIC SURVEY	\$9,500
BOUNDARY SURVEY (Est. 20 Parcels @ \$1800 per Parcel)	\$32,000
RIGHT-OF-WAY MAP (2.5 MILES)	\$7,500
TOTAL (Suveying Services Fee)	\$49,000

**Note: Boundary Surveying will be billed for the actual amount of
Parcels surveyed at the rate of \$1,800 per parcel.**

R. Gutierrez Engineering Corporation

February 25, 2009

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

RE: Work Authorization No. 10 – L.J. Drainage Project Topographic and Parcels Surveys
Project No. ENG08.024j

Dear Commissioner Palacios:

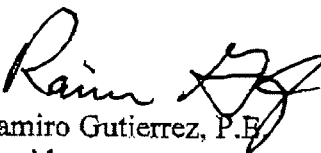
Enclosed are two original signature copies of a proposed Work Authorization No. 10 of the 2008 Road & Bridge Contract. This work authorization is for professional services associated with the L.J. Drainage project. The work consists of providing both a topographic surveying of 2.5 miles of terrain for the proposed improvements to the drain ditch running just south of the L.J. Subdivision and boundary surveying for the development of approximately 20 parcels for acquisition by the County.

The topographic surveying consists of obtaining cross-sections of the existing 2.5 miles of ditch and proposed ditch extension along with the adjacent terrain at approximately 200-foot intervals for use in designing the drainage improvements. Also included in the topographic surveying is obtaining data on existing improvements within the project limits.

The boundary surveying consists of developing right-of-way parcels for right-of-way acquisition. This includes developing metes and bounds along with parcel sketches for approximately 20 parcels and having them signed and sealed by a Registered Public Land Surveyor.

If this Work Authorization No 10 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