

**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-11-310-01-24**  
**Work Authorization Form**

**Work Authorization No. 1**

**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 construction management services and construction staking services for the construction of the McColl Road II Off-Site Drain along Thomas Road project. A portion of this project is being constructed by County forces.

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

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

**PART 2. ESTIMATED COST**

The estimated cost for services under this Work Authorization is not to exceed **\$5,000.00.** A detailed breakdown of the amount to be paid is more particularly described in **Attachment D – Proposed Fee**. The actual amount payable for services under this Work Authorization will be in accordance with Article 6.

**PART 3. PAYMENT**

Payment to the **Engineer** for the services established under this Work Authorization shall be made in accordance with Article 9.

**PART 4. FUNDING**

This Work Authorization shall be funded through funding source:

Account No. 2-1200-431-00-122-047-0-733

Requisition No. 211114 (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 4.

**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 \_\_\_\_\_, 2012.

**ENGINEER:**

R. Gutierrez Engineering Corporation

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

**OWNER:**

COUNTY OF HIDALGO

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

By: \_\_\_\_\_  
Name: Ramon Garcia  
Title: County Judge

**LIST OF ATTACHMENTS**

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

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**ATTACHMENT 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 6 and Article 9, 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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**ATTACHMENT 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:

The Engineer shall render specific management and engineering services for the development of the Project and fulfillment of this Agreement as follows:

***CONSTRUCTION PHASE***

**Construction Management and Support**

The Engineer will provide construction management and support services for and during the construction of the Project by the Owner. Specific services for CONSTRUCTION MANAGEMENT AND SUPPORT by the Engineer will include the following:

**Construction Management and Administration**

- 1) In general, the Engineer will provide the management and engineering support/data required for consultation and advisement to the Owner and act as the Owners representative as provided in the General Condition of the Construction Contract.
- 2) The Engineer will provide detailed information to assist the Owner in construction of the project in accordance with the project plans and specifications. The Engineer will also assist the Owner by providing detailed instructions on how to construct various items of the project.
- 3) Defects and Deficiencies. The Engineer will use his best efforts to protect the Owner against defects and deficiencies in the work of Owner forces. The Engineer will promptly notify the Owner of any such defect or deficiency, and take all steps possible to require that the defect or deficiency be corrected.

### **Miscellaneous Technical Activities**

- 4) Construction Staking. At the Owner's request, the Engineer will provide construction staking services for construction services performed by the Owner.
- 5) Change Orders. When applicable, the Engineer will prepare the engineering data, including plan sheet drawings, specifications, and estimates, for the preparation of construction contract change orders, which may be required due to new requirements directed by the Owner.
- 6) Design Changes. When applicable, the Engineer will prepare the engineering data, including plan sheet drawings, specifications, and estimates, for changes in the design of the project, which may be required due to new requirements directed by the Owner.

ATTACHMENT "C"

WORK SCHEDULE

	2012											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>McColl Road II Off-Site Drain</b>												
Construction Administration												
Construction Staking												

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**ATTACHMENT D**  
**Fee Proposal**

Payment for services provided under this Work Authorization will be on the basis of hourly rates established and identified herein plus 10% and reimbursement for direct non-labor expenses established and identified herein plus 10% and sub-consultant expense at invoice cost plus 10%.

**LABOR RATES:**

**HOURLY**

Position/Title	Hourly Rate
Principal	\$ 291.41/HR
Project Manager	\$ 208.15/HR
Senior Engineer	\$ 149.87/HR
Engineer/RPLS	\$ 116.57/HR
Graduate Engineer	\$ 99.91/HR
Senior Engineering Tech	\$ 86.60/HR
CADD-Design Technician	\$ 69.28/HR
Clerical	\$ 63.28/HR
Survey Crew	\$141.95/HR

**NON-LABOR**

Mileage (in State)	\$ 0.58 / mile
Car Rental (in State)	At Cost
Lodging (in State)	At Cost
Meals (in State)	At Cost
Air Travel	At Cost
All Expenses for Out-of-State Travel	At Cost
Overnight Carrier Cost	\$ 20 / letter
Copies (8 1/2" x 11")	\$ .15 / copy
Bond Plots	\$ 0.75 / Sq Ft
Color Plots	\$ 2.00 / Sq Ft
Mylar Plots	\$ 2.50 / Sq Ft

**EXPENSES:**