

**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C-10-376-12-14**  
**Work Authorization Form**

**Work Authorization No. 3**

**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 services for a Traffic Signal to be located at the intersection of McColl Road and Dicker Road in Hidalgo County, Texas.

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 included in **Attachment D – Proposed Fee**. 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 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 \_\_\_\_\_, 2011.

**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 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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**ATTACHMENT B**

**Services to be Provided by the Engineer**

The scope of work will consist of engineering services for a Traffic Signal to be located at the intersection of McColl Road and Dicker Road in Hidalgo County, TX.

**TRAFFIC SIGNAL DESIGN.** The engineering services described herein are associated with a Traffic Signal at the intersection of McColl Rd and Dicker Road. The ENGINEER shall prepare proposed signal design using strain poles, span wires and VIVDS or loops for vehicle detection. The ENGINEER will coordinate with TXDOT for approval of traffic signal installation.

The ENGINEER will select and furnish the appropriate TXDOT standard detail drawings for the Traffic Signal Design. The ENGINEER will use TXDOT Standard Detail Drawings. Development of Standard Detail Drawings is not part of this scope. All appropriate specifications will be provided by the ENGINEER as required by OWNER. Any general notes for the contractor concerning traffic signal construction will be included with the design drawings.

Traffic Signal design shall be developed in conformance with TXDOT Pharr District requirements and TXDOT Standards, including any appropriate Americans with Disabilities Act (ADA) design considerations. All required specifications, general notes and estimates will be included. The ENGINEER's plan layouts shall be prepared in English units on 11"X17" sheets.

Traffic signal plans shall generally consist of the following drawings:

- Existing Traffic Signal Conditions layouts
- Proposed Signal Layouts
- Proposed Schedules
- Electrical Service Data
- Traffic Signal Summary
- General Notes, Specification Data and Construction Estimate
- Standard Detail Drawings

**The scope does not include design or detailing of interconnect system, development of signal progression, signing, pavement markings and construction management.**

**TRAFFIC SIGNAL WARRANT STUDY REVISIONS.** Hidalgo County had prepared a traffic signal warrant study for the intersection of McColl Road and Dicker Rd in December 2008.

The ENGINEER shall submit previously mentioned traffic signal warrant study to TXDOT. Should TXDOT require modifications to traffic signal warrant study, the ENGINEER shall modify traffic signal warrant study and re-submit to TXDOT for approval.

If TXDOT accepts traffic signal warrant study as is and revisions are not needed, ENGINEER shall not invoice this portion of fee proposal.

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**ATTACHMENT 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 Attachment 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 Attachment B of this Work Authorization.

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

McColl Road II

Traffic Signal Improvements  
(Intersection of McColl Road and Dicker Road)

Proposed Fee

TASK	COST
<b>Traffic Signal Improvements Fee</b>	
TRAFFIC SIGNAL DESIGN	\$16,500
TRAFFIC SIGNAL WARRANT STUDY REVISIONS	\$5,500
<b>TOTAL</b>	<b>\$22,000</b>