

# HIDALGO COUNTY

## Professional Engineering Services

Contract # C-11-166-06-14

### Work Authorization Form

## WORK AUTHORIZATION NO. 4

**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, **JAVIER HINOJOSA ENGINEERING** professional engineers of **MCALLEN**, Texas, hereinafter called "**Engineer**".

### **PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the **Engineer** to provide **Engineering services required for preparation of construction plans and specifications for the paving improvements of Mile 4 North from Tom Gill Road to Liberty Road.**

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 **\$17,544.00**. This amount is based upon the costs outlined in the **Estimated Cost Proposal** attached hereto as **EXHIBIT "C"**.

### **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 \_\_\_\_\_ of the Agreement.

### **PART 4. FUNDING**

This Work Authorization No. **4** shall be funded through funding source:

Account No. 1-120-431-10-123-0050-731

Requisition Number \_\_\_\_\_ (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 \_\_\_\_\_.


**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. 3 Commissioner **Joe M. Flores** as to content and detail of this Work Authorization No. 4.

HIDALGO COUNTY  
COMMISSIONER PRECINCT NO.3:

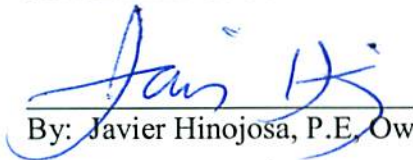
BY: 

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on \_\_\_\_\_ as indicated below and effective as of \_\_\_\_\_ day of \_\_\_\_\_, 2011.

THE ENGINEER:  
JAVIER HINOJOSA ENGINEERING

THE OWNER:  
HIDALGO COUNTY

  
By: Javier Hinojosa, P.E., Owner

\_\_\_\_\_  
By: Ramon Garcia, County Judge or  
Presiding Officer

ATTEST:

\_\_\_\_\_  
by: Arturo Guajardo Jr., County Clerk

**LIST OF ATTACHMENTS**

- ATTACHMENT "A" - Service to be Provided by the Owner
- ATTACHMENT "B" - Services to be Provided by the Engineer
- ATTACHMENT "C" - Cost Proposal

## **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** (as defined and more particularly identified in **EXHIBIT “A”** attached to this Agreement).

#### **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 8 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, in order for the **Engineer** to maintain the agreed-upon work schedule prepared in accordance with **EXHIBIT “A”** attached to this Agreement.
- (5) Attend and participate in progress meetings as required and as coordinated and conducted by the **Engineer**.

**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 evaluate and design the Paving Improvements as follows:

- Review existing conditions to develop the design criteria;
- Conduct field surveys to obtain information on existing conditions and topography on proposed roadways;
- Identify alignments and right of ways of proposed roadways;
- Develop typical cross sections for proposed roadways;
- Prepare plans and specifications for the improvements;
- Assist in bidding of the improvements;
- Provide construction staking and periodic inspection services during the construction phase of the improvements.

**EXHIBIT "C"**  
**Preliminary Construction Cost Estimate**  
**Hidalgo County Precinct No. 3 Paving Improvements**  
**Mile 4 North Road (Tom Gill Road to Liberty Road)**  
**Prepared By: Javier Hinojosa Engineering**  
**September 8, 2011**

**A. Mile 4 North (Tom Gill Road to Liberty Road)**

1 Unc. Excavation	3,000	CY	@	\$3.00	=	\$9,000.00
2 Subgrade Preparation	5,900	SY	@	\$2.50	=	\$14,750.00
3 10" Caliche Base	5,900	SY	@	\$9.00	=	\$53,100.00
4 2" HMAC (Type "D")	5,200	SY	@	\$10.00	=	\$52,000.00
5 4" Striping	1,000	LF	@	\$0.50	=	\$500.00
6 18" RCP Culverts	280	LF	@	\$25.00	=	\$7,000.00
7 Grade Bar Ditches	3,500	LF	@	\$1.50	=	\$5,250.00
8 Safety End Treatments	14	EA	@	\$800.00	=	\$11,200.00

<b>Subtotal</b>	:	<b>\$152,800.00</b>
<b>Engineering Design Fee</b>	:	<b>\$16,044.00</b>
<b>R.O.W. Surveying</b>	:	<b>\$1,500.00</b>
<b>Contingency (10%)</b>	:	<b>\$15,280.00</b>
<b>Laboratory Testing</b>	:	<b>\$3,820.00</b>
<b>Total</b>	:	<b>\$189,444.00</b>