

**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Contract # C08-505-01-20**  
**(Drainage Improvements Projects)**  
**Work Authorization Form**

**WORK AUTHORIZATION NO. 1**

**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 the preparation of the plans, specifications and construction staking for the drainage improvements of Moorefield Road from Mile 5 north approximately 700 linear feet and east approximately 1,300 linear feet to the County's West Main Drainage Ditch. These improvements will consist of construction of drain lines and inlets and discharging into the County's West Main drain ditch.

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 **\$21,868.35**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **EXHIBIT "D"**.

**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. 1 shall be funded through funding source:

Account No. 9-1339-431-00-123-0690-131

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 \_\_\_\_\_.

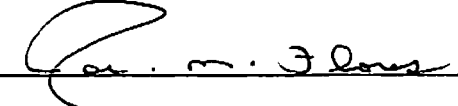
**PART 6. RESPONSIBILITIES AND OBLIGATIONS**

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. 1.

HIDALGO COUNTY  
COMMISSIONER PRECINCT NO.3:

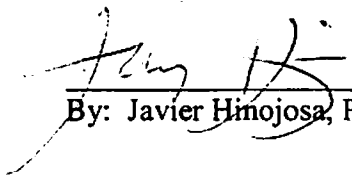
BY: 

**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 \_\_\_\_\_, 2009.

THE ENGINEER:  
JAVIER HINOJOSA ENGINEERING

THE OWNER:  
HIDALGO COUNTY

  
By: Javier Hinojosa, P.E., Owner

\_\_\_\_\_  
By: Juan D Salinas III, 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" - Work Schedule
- ATTACHMENT "D" - Cost Proposal

**EXHIBIT "D"**  
**Preliminary Cost Estimate**  
**Hidalgo County Precinct No. 3 Drainage Improvements**  
**Moorefield Road Drainage Outfall (Mile 5 North)**  
**Prepared By: Javier Hinojosa Engineering**  
**February 10, 2009**

**A. Moorefield Road Drainage Outfall (Mile 5 North)**

1. 42" RCP Pipe	1,300	LF	@	\$65.00	=	\$84,500.00
2. 30" RCP Pipe	700	LF	@	\$45.00	=	\$31,500.00
3. 24" RCP Pipe	80	LF	@	\$35.00	=	\$2,800.00
4. Trench Protection	2,080	LF	@	\$4.00	=	\$8,320.00
5. Grate Inlet	4	EA	@	\$4,000.00	=	\$16,000.00
6. 5' Dia. Manhole	2	EA	@	\$4,000.00	=	\$8,000.00
7. Waterline Adjustments	2	EA	@	\$5,000.00	=	\$10,000.00
8. Water Service Adjustments	6	EA	@	\$1,000.00	=	\$6,000.00
9. Irrigation Adjustments	1	EA	@	\$10,000.00	=	\$10,000.00
10. Down Drain	1	EA	@	\$5,000.00	=	\$5,000.00
11. Traffic Control	Lump Sum		@	\$10,000.00	=	\$10,000.00
12. Pavement Repair (Overlay)	1,900	SY	@	\$8.50	=	\$16,150.00
				<b>Subtotal</b>	:	<b>\$208,270.00</b>
				<b>Engineering Design Fee</b>	:	<b>\$21,868.35</b>
				<b>R.O.W. Parcels (2 @ \$1500.00)</b>	:	<b>\$3,000.00</b>
				<b>Laboratory Testing</b>	:	<b>\$6,000.00</b>
				<b>Contingency (10%)</b>	:	<b>\$20,827.00</b>
				<b>Total</b>	:	<b>\$259,965.35</b>