

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

**WORK AUTHORIZATION NO. 6**

**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 along Stewart Road from Mile 5 ¼ north approximately 3,000 LF to the County's drainage ditch for the Val Verde Acres Subdivision and Citrus Shadow Subdivision

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 **\$49,311.15**. 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. 6 shall be funded through funding source:

Account No. 9-1329-431-00-123-0 0-932

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. 6.

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**  
**Stewart Road Outfall (Val Verde Acres Subdivision and Citrus Shadow Subdivision)**  
**Prepared By: Javier Hinojosa Engineering**  
**October 19, 2009**

**A. Stewart Road Drainage Outfall - Citrus Shadow Subdivision North to Drain Ditch**

1. 42" RCP Pipe	1,350	LF	@	\$65.00	=	\$87,750.00
2. 36" RC Pipe	1,270	LF	@	\$55.00	=	\$69,850.00
3. 30" RCP Pipe	350	LF	@	\$45.00	=	\$15,750.00
4. 18" RCP Pipe	1,300	LF	@	\$35.00	=	\$45,500.00
5. Trench Protection	3,970	LF	@	\$4.00	=	\$15,880.00
6. Grate Inlet	14	EA	@	\$4,000.00	=	\$56,000.00
7. 5' Dia. Manhole	4	EA	@	\$4,000.00	=	\$16,000.00
8. Waterline Adjustments	6	EA	@	\$5,000.00	=	\$30,000.00
9. Water Service Adjustments	5	EA	@	\$1,000.00	=	\$5,000.00
10. Irrigation Adjustments	2	EA	@	\$10,000.00	=	\$20,000.00
11. Down Drain	1	EA	@	\$5,000.00	=	\$5,000.00
12. Traffic Control	Lump Sum		@	\$10,000.00	=	\$10,000.00
13. Pavement Repair	3,000	LF	@	\$10.00	=	\$30,000.00
14. 1 1/2" Overlay (Stewart Road)	7,400	SY	@	\$8.50	=	\$62,900.00
				<b>Subtotal</b>	<b>:</b>	<b>\$469,630.00</b>
				<b>Engineering Design Fee</b>	<b>:</b>	<b>\$49,311.15</b>
				<b>Laboratory Testing</b>	<b>:</b>	<b>\$12,000.00</b>
				<b>Contingency (10%)</b>	<b>:</b>	<b>\$46,963.00</b>
				<b>Total</b>	<b>:</b>	<b>\$577,904.15</b>