

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

**WORK AUTHORIZATION NO. 3**

**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 within **Prairie View Heights Subdivision Phase II**.

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 **\$58,957.50**. 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. **3** shall be funded through funding source:

Account No. 9-1339-401-00-123-074-0-133

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. 3.

HIDALGO COUNTY  
COMMISSIONER PRECINCT NO.3:

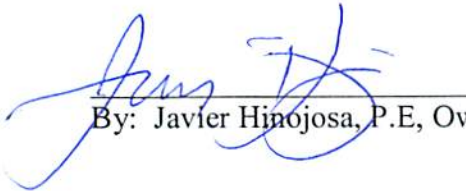
BY: 

**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**  
**Prairie View Heights Subdivision Phase II**  
**Prepared By: Javier Hinojosa Engineering**

**A. Prairie View Heights Subdivision Phase II - 1 1/2 Mile North Abram Road**

1. 36" RC Pipe	1,500 LF	@	\$50.00 =	\$75,000.00
2. 8" Force Main	1,500 LF	@	\$15.00 =	\$67,500.00
3. 18" RC Pipe	600 LF	@	\$30.00 =	\$18,000.00
4. Trench Protection	3,000 LF	@	\$4.00 =	\$12,000.00
5. 7' Dia. Manhole	2 EA	@	\$5,000.00 =	\$10,000.00
6. Grate Inlet	4 EA	@	\$4,000.00 =	\$16,000.00
7. 5' Dia. Manhole	4 EA	@	\$4,000.00 =	\$16,000.00
8. Repair Pavement	1,200 LF	@	\$30.00 =	\$36,000.00
9. Waterline Adjustments	4 EA	@	\$5,000.00 =	\$20,000.00
10. Water Service Adjustments	20 EA	@	\$300.00 =	\$6,000.00
11. Irrigation Adjustments	2 EA	@	\$10,000.00 =	\$20,000.00
12. Safety End Treatments	20 EA	@	\$1,000.00 =	\$20,000.00
13. Driveway / ROW Repairs	Lump Sum	@	\$10,000.00 =	\$10,000.00
14. Traffic Control	Lump Sum	@	\$10,000.00 =	\$10,000.00
15. Pump Station	1 EA	@	\$225,000.00 =	\$225,000.00
			<b>Subtotal Drainage</b>	<b>: \$561,500.00</b>
			<b>Engineering Fee</b>	<b>: \$58,957.50</b>
			<b>Material Testing Fee (2%)</b>	<b>: \$11,230.00</b>
			<b>Contingency (15%)</b>	<b>: \$84,225.00</b>
			<b>R.O.W. Acquisition</b>	<b>: \$50,000.00</b>
			<b>Total Preliminary Cost</b>	<b>: \$765,912.50</b>

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

**WORK AUTHORIZATION NO. 2**

**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 within **Prairie View Heights Subdivision Phase I**.

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 **\$71,725.50**. 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. 2 shall be funded through funding source:

Account No. 9-1339-431-00-123-073-0-733

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. 2.

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**  
**Prairie View Heights Subdivision Phase I**  
**Prepared By: Javier Hinojosa Engineering**

**A. Prairie View Heights Subdivision Phase I - 1 3/4 Mile North Abram Road**  
**(Outfall To Goodwin Drain Ditch)**

1. 42" RC Pipe	1,500	LF	@	\$75.00	=	\$112,500.00
2. 36" RC Pipe	1,800	LF	@	\$50.00	=	\$90,000.00
3. 30" RC Pipe	800	LF	@	\$45.00	=	\$36,000.00
4. 18" RC Pipe	200	LF	@	\$30.00	=	\$6,000.00
5. Trench Protection	4,100	LF	@	\$4.00	=	\$16,400.00
6. 7' Dia. Manhole	4	EA	@	\$5,000.00	=	\$20,000.00
7. Grate Inlet	6	EA	@	\$4,000.00	=	\$24,000.00
8. 5' Dia. Manhole	2	EA	@	\$4,000.00	=	\$8,000.00
9. Irrigation Canal Crossing	1	EA	@	\$50,000.00	=	\$50,000.00
10. Repair Pavement	3,500	LF	@	\$60.00	=	\$210,000.00
11. Waterline Adjustments	6	EA	@	\$5,000.00	=	\$30,000.00
12. Water Service Adjustments	25	EA	@	\$300.00	=	\$7,500.00
13. Irrigation Adjustments	2	EA	@	\$10,000.00	=	\$20,000.00
14. Safety End Treatments	4	EA	@	\$1,000.00	=	\$4,000.00
15. Driveway / ROW Repairs	Lump Sum		@	\$15,000.00	=	\$15,000.00
16. Down Drain	1	EA	@	\$10,000.00	=	\$10,000.00
17. Traffic Control	Lump Sum		@	\$20,000.00	=	\$20,000.00
18. Clearing and Cleaning Existing Ditch	370	LF	@	\$10.00	=	\$3,700.00
				<b>Subtotal Drainage</b>	<b>:</b>	<b>\$683,100.00</b>
				<b>Engineering Fee</b>	<b>:</b>	<b>\$71,725.50</b>
				<b>Material Testing Fee (2%)</b>	<b>:</b>	<b>\$13,662.00</b>
				<b>Contingency (15%)</b>	<b>:</b>	<b>\$102,465.00</b>
				<b>Total Preliminary Cost</b>	<b>:</b>	<b>\$870,952.50</b>