

HIDALGO COUNTY
Professional Engineering Services
Contract # C-11-166-06-14
Work Authorization Form

WORK AUTHORIZATION NO. 5

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 construction plans for the onsite drainage improvements for La Sueña 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 **\$7,846.23**. 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 6 of the Agreement.

PART 4. FUNDING

This Work Authorization No. **5** shall be funded through funding source:

Account No. 1-1200-131-01-123-371-2-133

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.

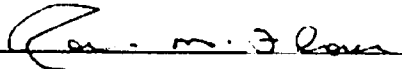
PART 6. RESPONSIBILITIES AND OBLIGATIONS

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. 5.

HIDALGO COUNTY
COMMISSIONER PRECINCT NO.3:

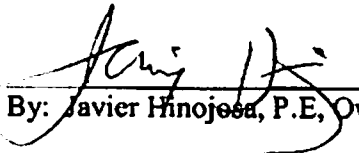
BY: 

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on Oct. 11, 2011 as indicated below and effective as of 11th day of October, 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 Cost Estimate
Hidalgo County Precinct No. 3 Drainage Improvements
La Sueña Subdivision
Onsite Drainage Improvements
Prepared By: Javier Hinojosa Engineering
September 26, 2011

La Sueña Subdivision Drainage Improvements

A. Onsite Drainage Improvements

1. 15" RCP	191	LF	@	\$24.00	=	\$4,584.00
2. 18" RCP	327	LF	@	\$25.00	=	\$8,175.00
3. 24" RCP	984	LF	@	\$31.50	=	\$30,996.00
4. 36" RCP	40	LF	@	\$45.00	=	\$1,800.00
5. Trench Protection	1,542	LF	@	\$0.50	=	\$771.00
6. Grate Inlet	6	EA	@	\$2,900.00	=	\$17,400.00
7. 5' Dia. Manhole	4	EA	@	\$2,750.00	=	\$11,000.00
					=	
				Subtotal	:	\$74,726.00
				Engineering Design Fee	:	\$7,846.23
				Contingency (10%)	:	\$7,472.60
				Total	:	\$90,044.83