

## EXHIBIT "E"

### HIDALGO COUNTY Professional Engineering Services Agreement #C-09-171-05-19 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, J.E. Saenz & Associates Inc. professional engineers of Edinburg Texas, hereinafter called "Engineer".

#### PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the Engineer to provide Professional Engineering Services for Preliminary Design and Construction Phase Services for Lake View Subdivision West of North McColl.

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 \$76,447.00. The breakdown of the total amount is \$50,000.00 for right of way acquisition and \$26,447.00 for engineering services. 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 6.1 of the Agreement.

#### PART 4. FUNDING

This Work Authorization No. 1 shall be funded through funding source:  
Account No. C-09-171-05-19 9-1204-431-00-124-401-911/931  
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. 4  
Commissioner Oscar Garza as to content and detail of this Work Authorization No. # 1.

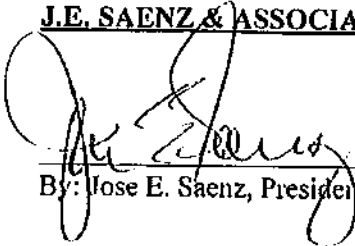
HIDALGO COUNTY  
COMMISSIONER PRECINCT NO. 4:

BY: O. L. Garza Jr. 10/15

**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 \_\_\_\_\_, 2008.

THE ENGINEER:  
J.E. SAENZ & ASSOCIATES, INC.

  
By: Jose E. Saenz, President

THE OWNER:  
HIDALGO COUNTY

\_\_\_\_\_  
By: Juan D. Salinas III, County Judge

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" - Estimated Cost Proposal

**Hidalgo County Precinct #4  
Lake View Subdivision**

**May 2009**

**Eng 09.001B**

**J.E. Saenz & Associates, Inc.  
211 E. Wisconsin Rd.  
Edinburg, Texas 78539  
(956) 383-2984**



*J.E. SAENZ & ASSOCIATES, INC.*

ENGINEERS || SURVEYORS || PLANNERS  
CONSTRUCTION MANAGERS || GEOGRAPHICAL INFORMATION SYSTEMS

April 28, 2009

Commissioner Oscar L. Garza, Jr.  
County of Hidalgo, Precinct 4  
P.O. Box 1356  
Edinburg, Texas 78540

Re: Lake View Subdivision  
Right-of-Way Acquisition and Engineering Services Proposal

Commissioner Garza,

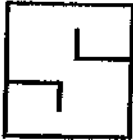
It is our pleasure to submit to Hidalgo County Precinct 4, this proposal for Professional Right-of-Way Mapping and Engineering Services in relation to the above mentioned project. Our site visits and preliminary research on this subdivision has led us to the understanding that there are approximately 50 parcels for right-of-way is needed. Based on this information the following are our basic fee for right-of-way acquisition and engineering services \$50,000.00 and \$26,447.00 respectively.

We are prepared to move forward and expedite all necessary documentations and coordinate the acquisition procedures with Hidalgo County Right-of-Way Department (Benito Rodriguez) for Hidalgo County Precinct #4. We will be conducting services for approximately 50 parcels as follows:

- Property Owner Investigation
- Title Research
- Boundary Survey
- Property Map
- Right-of-Way Map
- Aerial Map
- Metes and Boundary Description
- Set all Parcel Lot Corners

POST OFFICE BOX 3293  
EDINBURG, TEXAS 78540  
[www.jesaenz.com](http://www.jesaenz.com)

(956) 383-2984 TEL  
(956) 383-3736 FAX  
[info@jesaenz.com](mailto:info@jesaenz.com)



**J.E. SAENZ & ASSOCIATES, INC.**

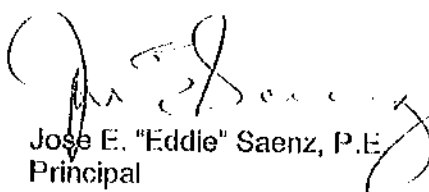
ENGINEERS | SURVEYORS | PLANNERS  
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After all the right-of-way is obtained we will proceed with construction plans of the five roads within the subdivision. The plans will be created for a total reconstruction profile, meeting all criteria requirements set forth by the County. We will be conducting services for the new street as follows:

- Topographic Survey
- Plans
- Specifications
- Construction Cost Estimate
- Construction Cut Sheets
- Close Out Documentations
- As-Built Plans

We are available to answer any questions that you may have regarding this proposal. Please call us at (956) 383-2984 if I can be of any service to you regarding this matter.

Respectfully Submitted,

  
Jose E. "Eddie" Saenz, P.E.  
Principal

JES/fq

F:\JESAENZ\ENG\PROJ\SI\ENG2009\ENG 09 001 B - LAKE VIEW\Misc. Docs\letters, memos\PRCT 4 proposal letter-revised3-5-09.doc

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## **EXHIBIT A**

-Scope of Services to be  
Provided by the Owner

## 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.

The **OWNER** will provide to the **ENGINEER** the following:

- (1) Authorization to the **ENGINEER** to begin work in accordance with Section 3 of this Agreement.
- (2) Payment for work performed by the **ENGINEER** and accepted by the **OWNER** in accordance with Section 6 of the Agreement.
- (3) 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.
- (4) Provide any available relevant data the **OWNER** may have on file concerning the project.
- (5) 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 Attachment "C" of this Agreement.
- (6) Attend and participate in progress meetings as required and as coordinated and conducted by the **ENGINEER**.
- (7) Assist the **ENGINEER** in the preparation of the project mailing list; provide representation, a site and stenographer for all public meetings; additionally:  
*Public Meetings*
  - (a) Approve agenda and all exhibits prior to public meeting.
  - (b) Approve date and location of the meeting.
  - (c) Review/approve Public Meeting Report.
- (8) Attend the Preliminary Concept Conference coordinated and conducted by the **ENGINEER** and more particularly identified in Attachment "B" of the Agreement.
- (9) Assist the **ENGINEER** as required in the coordination with the USACE and the Federal Emergency Management Agency (FEMA) and any other coordinating agency or entity.
- (10) Review and approve the Project design criteria.
- (11) Review and approve change orders as required and prepared by the **ENGINEER**.

## **EXHIBIT B**

-Scope of Services to be  
Provided by the Engineer



# *J.E. SAENZ & ASSOCIATES, INC.*

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## EXHIBIT "B" HIDALGO COUNTY PRECINCT 4

### Lake View Subdivision

### Scope of Services

This project consists of obtaining all necessary documentations and the acquisition procedures with Hidalgo County Right-of-Way Department for Hidalgo County Precinct # 4 as well as a construction plans for the subdivisions.

The following is the work to be done for this project:

1. Hidalgo County Right-of-Way Department
  - a. Property Owner Investigation
  - b. Title Research
  - c. Boundary Survey
  - d. Property Map
  - e. Right-of-Way Map
  - f. Aerial Map
  - g. Metes and Boundary Description
  - h. Set 50 Parcel Lot Corners
  
2. Paving Improvements
  - a. Conduct a topographic survey for the project area.
  - b. Generate plans and profiles for the proposed project.
  - c. Provide monthly site visits to monitor construction progress.
  - d. Review pay request and make recommendations.
  - e. Administer the project closeout on behalf of the County including testing observation, documentation, etc.
  - f. Generate As-Built plans for the County upon project completion.

Please find attached, and exhibit showing the layout and extent of the work mentioned previously. Also enclosed is a preliminary Statement of Probable Cost in order to ensure that the discussed scope is in agreement with Hidalgo County Precinct 4.

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**EXHIBIT D**  
**-COST PROPOSAL**

Attachment "B"

Colonia Name	Lake View Subdivision
Street Name	All Interior Streets
EDAP #	1080401
Length of proposed roadway	3738 Existing 50ft ROW
Proposed roadway travel lane	24 FT
# of parcels to be acquired	50

2170 L.F. OF ROADWAY

0.41 Mi.

**Paving**

ITEM #	DESCRIPTION	QUANTITY		UNIT COST	AMOUNT
100	PREPARATION OF RIGHT-OF-WAY	21.70	STA	\$700.00	\$15,190.00
260	4% LIME TREATED FOR BASE COURSE (ROADMIX)	43	TONS	\$200.00	\$8,668.85
275	4% CEMENT FOR ROAD GRADER WORK	75	TONS	\$250.00	\$18,750.00
500	MOBILIZATION	1	L.S.	\$5,000.00	\$5,000.00
530	TURNOUTS (ASPH CONC PAV) (PB-1)	2	E.A.	\$5,000.00	\$10,000.00
152	6" ROAD GRADER WORK	6,288	SY	\$8.50	\$40,872.40
247	8" FL BS (DC) (TY D GR6 CL III)	6,288	SY	\$8.00	\$50,304.49
5249	TEMP SEDMT CONT FENCE	260.4	LF	\$6.00	\$1,562.40
5249	TEMP SEDMT CONT FENCE (REMOVE)	260.4	LF	\$2.00	\$520.80
340	1-1/2" ASPH CONC TY D (W/ PRIME COAT)	5,805	SY	\$9.00	\$52,247.50
				<b>SUBTOTAL:</b>	<b>\$203,116.43</b>

**Drainage**

ITEM #	DESCRIPTION	QUANTITY		UNIT COST	AMOUNT
556	15" RCP STORM DRAIN CL III	320	LF	\$45.00	\$14,400.00
530	DRWWYS (ASPH CONC PAV) (PB-1)	400	SY	\$20.00	\$8,000.00
				<b>SUBTOTAL:</b>	<b>\$22,400.00</b>

Driveways estimated at 25 SY per driveway

**Total Estimated Construction Cost**

Roadway Construction Cost	\$203,116.43
Drainage Estimated Quantities	\$22,400.00
<b>SUBTOTAL</b>	<b>\$ 225,516.43</b>

**Professional Costs (% costs may vary from county to county)**

Basic Engineering Services	\$ 20,443.90
Special Services ( Surveying)	\$ 6,003.10
<b>SUBTOTAL</b>	<b>\$ 26,447.00</b>

**ROW Costs (Land Acquisition)\*\***

Estimated cost of land	--
ROW Mapping (\$1,000/parcel)(50 parcels)	\$50,000.00
<b>SUBTOTAL</b>	<b>\$60,000.00</b>

\*\* Attorney, appraisal, and filing fees are not included in this estimate

**PROJECT TOTAL \$301,963.43**