

EXHIBIT E
-Work Authorization

HIDALGO COUNTY
Professional Engineering Services
Contract # C-13-058-06-25
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, Perez Consulting Engineer, L.L.C., 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 Drainage Improvements for Curry Estates Subdivision as Identified in Exhibit B

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 \$ 16,780.00. 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** of the Agreement.

PART 4. FUNDING

This Work Authorization No.1 shall be funded through funding source:

Account No. 3-1336-431-00-124-052-0-733

Requisition Number 238899 (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 #4**, Commissioner Joseph Palacios as to content and detail of this **Work Authorization No. 1**

HIDALGO COUNTY PRECINCT No. 4

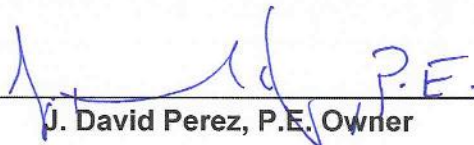
BY: _____
Joseph Palacios, Commissioner

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 _____, 2013.

THE ENGINEER:
Jorge Perez Consulting Engineers, LLC
d/b/a PEREZ CONSULTING ENGINEERS, L.L.C.

THE OWNER:
HIDALGO COUNTY

By:  P.E. _____
J. David Perez, P.E. Owner

By: _____
Ramon Garcia, 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" - Cost Proposal

EXHIBIT "A"

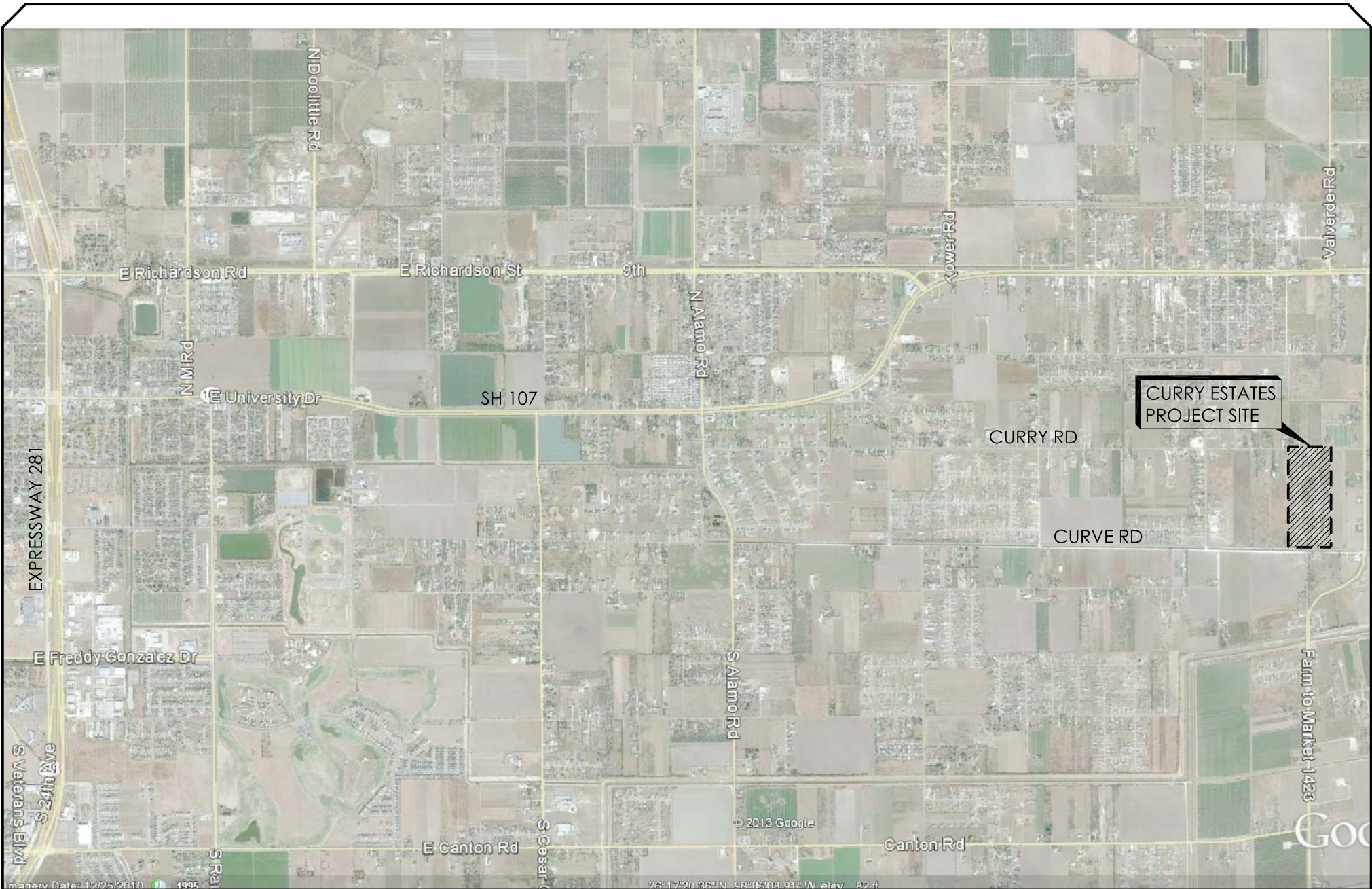
Services to be provided by the OWNER

The following provides an outline of the services to be provided by the **OWNER** in the development of the Project.

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**.



LOCATION MAP
CURRY ESTATES
SAN CARLOS, TEXAS

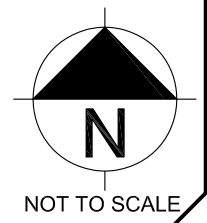


EXHIBIT B
SCOPE OF SERVICES PROVIDED BY THE ENGINEER
CURRY ESTATES DRAINAGE IMPROVEMENTS

GENERAL DESCRIPTION:

Residents of Curry Estates Phase 1 and 2 are experiencing cyclic flooding. Hidalgo County Precinct 4 proposes to mitigate the flooding and implement solutions, physical or otherwise, to minimize the flooding. The Engineer will prepare his recommendations based on the Hidalgo County Drainage Policy.

The Engineer shall perform professional engineering services for the assessment of drainage conditions and the preparation of plans, specifications and estimates for drainage improvements as recommended and approved by the Owner. It is understood that Hidalgo County Forces will be performing the construction of the approved improvements.

In addition to services outlined in the Contract, the **Engineer** shall,

1. PRELIMINARY PHASE

TASK	DESCRIPTION
1	Attend preliminary meetings with the Owner to discuss the Project and obtain record drawings, studies, maps, plats and other information (preferably in digital form) to help assess and evaluate the field conditions and original engineer's design intent for Storm Sewer.
2	Prepare a topographic survey of the street right-of-ways and all existing drainage structures and adjacent channels and discharge points.
3	Prepare a Base Map of the Survey for the purpose of preparing preliminary and final construction drawings.
4	Prepare drainage calculations to determine detention and discharge amounts based on the Hidalgo County Drainage Policy.
5	Prepare preliminary construction plans based on drainage calculations and requirements and submit to Owner for review and comment.
6	Meet with Owner to discuss the preliminary plans.
7	Prepare materials list and preliminary cost estimates.



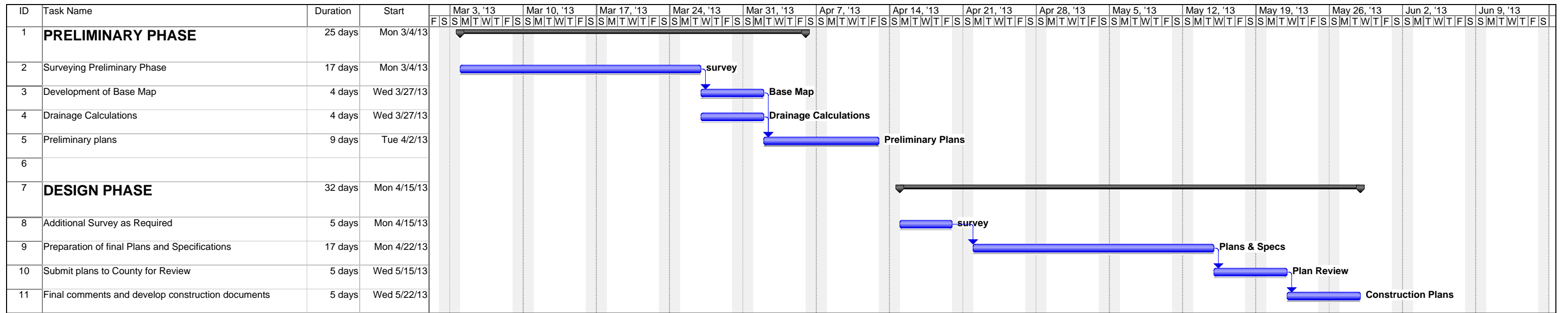
2. DESIGN PHASE

TASK	DESCRIPTION
1	Preparation of final plans and specifications based on preliminary review as approved by the Owner.
2	Prepare material specifications and quantities and prepare estimates

3. CONSTRUCTION PHASE

TASK	DESCRIPTION
1	Provide construction staking
2	Conduct periodic site visits limited to 3 to determine the general compliance with the plans and specifications.





Project: Schedule
Date: Fri 2/22/13

Task		Milestone		Rolled Up Task		Rolled Up Progress		External Tasks		Group By Summary	
Progress		Summary		Rolled Up Milestone		Split		Project Summary		Deadline	

EXHIBIT D - COST PROPOSAL

**Curry Estates Drainage Improvements
BASIC CIVIL ENGINEERING DESIGN SERVICES COST PROPOSAL**

TASK	PRINCIPAL	ENGINEER	ENGINEER (EIT)	TECH	CLERICAL	ADMIN	DIRECT SUB COSTS	TOTAL
1. PRELIMINARY PHASE:								
1. PRELIMINARY MEETINGS AND OBTAIN INFORMATION	1	2						\$380.00
2. TOPOGRAPHIC SURVEY	1	2		8			\$3,500.00	\$4,400.00
3. PREPARE BASE PLAN DRAWING		2		8				\$730.00
4. DRAINAGE CALCULATIONS	1	4		6				\$980.00
5. PRELIMINARY DESIGN LAYOUT	1	2		6				\$770.00
6. PRELIMINARY COST ESTIMATES (MATERIALS)		2			4	2		\$560.00
TOTAL PRELIMINARY PHASE								\$7,820.00
2. DESIGN PHASE								
1. PREPARATION OF FINAL PLANS	2	8	8	24				\$3,380.00
2. SPECIFICATIONS	1	2			8	6		\$1,210.00
TOTAL DESIGN PHASE								\$4,590.00
3. CONSTRUCTION PHASE								
1. CONSTRUCTION STAKING		2					\$2,500.00	\$2,710.00
2. SITE VISITS	2	8	6					\$1,660.00
TOTAL CONSTRUCTION PHASE								\$4,370.00
TOTAL CIVIL ENGINEERING BASIC SERVICES								\$16,780.00

