

EXHIBIT “E”
HIDALGO COUNTY
Agreement #C-20-596-03-02
Engineering Services for Design, Renovation,
and Construction of Pueblo de Palmas Park
Work Authorization Form

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section 7 of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner’s Court**, hereinafter called the “**Owner**,” and, Chanin Engineering, LLC, professional engineer of McAllen, Texas, hereinafter called “**Structural Engineer**”.

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the Structural Engineer to provide professional structural engineering services required for the Design, Renovation, Construction Documents, and Construction Phase Services of the **Pueblo de Palmas Park** for Hidalgo County hereinafter referred to as the “**Project**”.

The **Engineer** is to provide the Services as required by the Agreement with Owner for Engineering Services. This includes but is not limited to the services identified in **ATTACHMENT “C” – Scope of Services to be provided by the Engineer** which is attached hereto and incorporated by reference.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$48,000.00**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **ATTACHMENT “D” Fee Schedule**.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with the Project Specific Service Agreement between Owner and Engineer.

PART 4. FUNDING

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

Account No. 0-1357-452-00-124-223-0-740

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 the scope of work provided in this work authorization.

PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

PART 7. ACKNOWLEDGMENT AND CONFIRMATION

Acknowledgment and confirmation by Hidalgo County Precinct No. 4 Commissioner Ellie Torres, as to content and detail of this Work Authorization No.1.

HIDALGO COUNTY

COMMISSIONER PRECINCT No. 4:

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 _____, 20__.

THE STRUCTURAL ENGINEER:
Chanin Engineering, LLC

THE OWNER:
HIDALGO COUNTY

By: _____
Print Name

By: Richard F. Cortez, County Judge

ATTEST:

By: Arturo Guajardo Jr., County Clerk

ATTACHMENT C

Services to be Provided by Engineer

Project Understanding:

- We understand the County is seeking engineering services for the Design, Renovation, and Construction of the Pueblo de Palmas Park located in Hidalgo County Precinct 4 near the intersection of Alamo Road and Monte Cristo in Edinburg, Texas.

We understand our scope at this time will be to perform design services in relation to the proposed renovation, prepare construction documents for the purpose of procuring a general contractor for the construction of the project and assisting the County with standard construction phase services during the duration of the project. Our scope will include the following:

Phase 1 - Kickoff and Mobilization:

1. Initial meeting with client to help define scope of work
2. Receive and review project documents and information
3. Initial walkthrough of park
4. Preliminary CAD work
5. Meet with and engage services of architectural consultant
6. Meet with and engage service of MEP Engineering and Civil Engineering consultant

Phase 2 - Preparation of Plans and Specifications:

1. Preparation of final construction drawings and specifications

Phase 3 - Bidding and Negotiation:

1. Assist the District as needed during the Bidding and Negotiation Phase

Phase 4 - Construction:

1. Answer any contractor generated RFI's
2. Take periodic site observation visits and provide site observation visit reports to client
3. Review contractor submitted pay applications
4. Attend regularly scheduled OAC meetings



**ATTACHMENT D
FEE PROPOSAL**

Contract # C-20-596-03-02

Engineering Services for Design, Renovation, and Construction of Pueblo de Palmas Park
Hidalgo County
Work Authorization #1

		MANHOURS							
Services		Principal Engineer	Project Engineer	Technician	CAD	Admin/ Clerical	Total Hours	Total Line Item Cost	
TASKS									
Analysis and Design									
1	Mobilization and project site visit	6	6			1	13	\$1,710.00	
2	Establishing design criteria	1	2				3	\$415.00	
3	Structural Calculations	2	10				12	\$1,640.00	
4	Structural Design	4	10			1	15	\$1,960.00	
Construction Documents Phase									
5	Structural Construction Documents	8	14	18	75	1	116	\$9,485.00	
Construction Phase Services									
7	Site visits, observation reports, submittal review, RFI Review and response as needed, etc.	2	8	16		2	28	\$2,790.00	
	Architectural Subconsultant						0	\$18,000.00	
	MEP and Civil Subconsultant						0	\$12,000.00	
	Subtotal Hours	23	50	34	75	5	187		
Hourly Base Rates		\$145.00	\$135.00	\$85.00	\$65.00	\$30.00			
Total Costs									\$48,000.00

Fee is based on projected construction cost of \$600,000 and 8% design fee.
Once final construction cost is known, total fee may be adjusted accordingly.

400 Nolana, Suite H2
McAllen, Texas 78504
T: (956) 687-9421 | F: (956) 687-3211
ChaninEngineering.com
TBPE Firm Registration No. F-9369

SCHEDULE OF FEES

Chanin Engineering, LLC's prevailing rates are as follows:

<u>Engineering:</u>	<u>Hourly rate</u>
E-1 Engineer In Training 1	\$ 75.00
E-2 Engineer In Training 2	\$ 85.00
E-3 Project Engineer 1 *	\$125.00
E-4 Project Engineer 2 *	\$135.00
E-5 Principal Engineer *	\$145.00

<u>Technicians:</u>	
T-1 Technician I	\$ 65.00
T-2 Technician II	\$ 75.00
T-3 Technician III	\$ 85.00

<u>Computer Aided Drafting:</u>	
C-1 CAD I	\$ 45.00
C-2 CAD II	\$ 55.00
C-3 CAD III	\$ 65.00

<u>Administrative:</u>	
A-1 Clerical	\$ 30.00
A-2 Accounts Payable/Billable	\$ 35.00
A-3 Office Manager/Executive Assistant	\$ 45.00

* Licensed professional engineer, unless noted otherwise.

ENGINEERING AND TECHNICAL CLASSIFICATIONS

Engineering:

- E-1 Engineer in Training I - Graduate Engineer with 0-3 years experience, works under close supervision.
- E-2 Engineer in Training 2 - Graduate Engineer with 2-plus years experience, capable of carrying out assignments with minimum supervision, supervises drafting and layout work.
- E-3 Project Engineer 1 - Registered Engineer with 4-plus years experience, can handle moderately complex tasks with minimal supervision, supervises the work of other engineers and drafters.
- E-4 Project Engineer 2 - Registered Engineer with 6-plus years experience, can handle complex tasks with only general supervision, coordinates and supervises work of other engineers and drafters.
- E-5 Principal Engineer - Registered Engineer and possibly company officer, completely capable of handling and supervising all aspects of design and drawing production.

Technicians:

- T-1 Technician I - 5-plus years experience and/or education, capable of handling all drafting functions and simple engineering design and calculation tasks with some supervision.
- T-2 Technician II - 7-plus years experience and/or education, capable of handling all drafting functions with minimal supervision, can supervise the work of drafters.
- T-3 Technician III - 10-plus years experience and/or education, capable of handling all drafting and many engineering related tasks with little supervision, can supervise the work of drafters and technicians.

Computer Aided Drafting:

- C-1 Junior Drafter I - Capable of drawing tasks and tracing-type work, under close supervision of others.
- C-2 Drafter II - 2-plus years experience and/or education, handles many drafting tasks under supervision.
- C-3 Senior Drafter III - 3-plus years experience and/or education, handles most drafting tasks while exercising judgment on layout and planning, receives minimal supervision.