

**EXHIBIT “E”**  
**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Agreement #C-21-0862-11-16**

**WORK AUTHORIZATION NO. 1**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of the **On-Call Professional Engineering Services** Agreement No. C-21-0862-11-16, incorporated herein by reference, for the “**Sunrise Hill Park Pavilion and Parking Improvements**” made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner’s Court**, hereinafter called the “**Owner**,” and, **JAVIER HINOJOSA ENGINEERING** 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 necessary site improvements for the Sunrise Hill Park located in Hidalgo County Precinct No. 1. The work shall include existing site survey, domestic water improvements, sanitary sewer improvements and parking lot improvements.**

The **Engineer** is to provide the Scope of Services as required by the Agreement with Owner.

The scope of services to be provided by the **Engineer** is identified in **Attachment “A” – “EXHIBIT “C” – Project Specific Scope of Services to be Provided by Engineer”** attached hereto and incorporated by reference.

**PART 2. ESTIMATED COST**

The estimated cost for services under this Work Authorization is **\$19,500.00**. This amount is based upon the costs outlined in the *Attachment “B” – EXHIBIT “D” Contract Rates*” attached hereto and incorporated by reference.

**PART 3. PAYMENT**

Compensation and payment to the **Engineer** for the services established under this Work Authorization shall be made in accordance with the **On-Call Professional Engineering Services** Agreement No. C-21-0862-11-16 between the **Owner** and the **Engineer**.

**PART 4. FUNDING**

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

Account No. \_\_\_\_\_

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, within the limits of Agreement No. C-21-0862-11-16, provided in this Work Authorization; or on (\_\_\_\_\_). *If applicable:* Engineer shall conform to the approved “Work/Project Schedule”, attached hereto and incorporated by reference herein as **Attachment “C”**.

**PART 6. RESPONSIBILITIES AND OBLIGATIONS**

This Authorization does not waive the parties’ responsibilities and obligations provided under the Agreement No. C-21-0862-11-16.

**PART 7. ACKNOWLEDGEMENT AND CONFIRMATION**

Acknowledgement and confirmation by Hidalgo County Precinct No. 1 Commissioner David L. Fuentes as to content and detail of this Work Authorization No. #1.

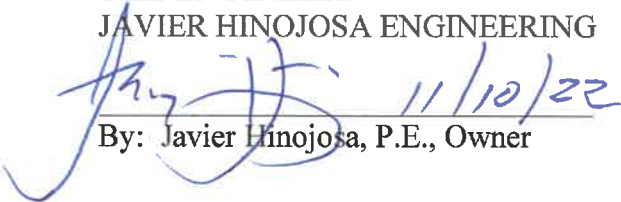
**HIDALGO COUNTY  
COMMISSIONER PRECINCT NO. 1:**

BY: \_\_\_\_\_  
Commissioner David L. Fuentes

**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 \_\_\_\_\_, 2022.

**THE ENGINEER:**  
JAVIER HINOJOSA ENGINEERING

 11/10/22  
By: Javier Hinojosa, P.E., Owner

**THE OWNER:**  
HIDALGO COUNTY

\_\_\_\_\_  
By: Richard Cortez, County Judge

**ATTEST:**

\_\_\_\_\_  
By: Arturo Guajardo Jr., County Clerk

**LIST OF ATTACHMENTS:**

- Attachment “A” - EXHIBIT “C” Project Specific Scope of Services to be Provided by Engineer
- Attachment “B” – EXHIBIT “D” – Contract Rates
- Attachment “C” – Approved Work/Project Schedule



# **ATTACHMENT A**

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**PROJECT SPECIFIC SCOPE OF SERVICES  
TO BE PROVIDED BY ENGINEER**

**ATTACHMENT “A”**  
**EXHIBIT “C”**  
**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 Site Improvements as follows:

- Review existing conditions to develop the design criteria;
- Conduct field surveys to obtain information on existing conditions, topography and utilities on the proposed site;
- Design necessary water and sanitary sewer improvements required for the proposed warehouse and new restrooms;
- Design the paving improvements for the proposed new parking lot;
- 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.



# **ATTACHMENT B**

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## **FEE PROPOSAL**

**ATTACHMENT "B"**  
**EXHIBIT "D" - Contract Rates**  
**Preliminary Cost Estimate**  
**Sunrise Hill Park Pavilion and Parking Improvements**  
**Prepared By: Javier Hinojosa Engineering**  
**November 10, 2022**

**Water Distribution**

1. 1" Single Service	1	EA	@	\$3,000.00	=	\$3,000.00	
<b>Subtotal Water Distribution</b>						<b>:</b>	<b>\$3,000.00</b>

**Sanitary Sewer**

1. 8" SS Pipe	230	LF	@	\$45.00	=	\$10,350.00	
2. Tie to Exist. 8" Sewer w/ 4' Dia. Manhole	1	EA	@	\$6,000.00	=	\$6,000.00	
3. Sanitary Sewer Manhole	1	EA	@	\$5,000.00	=	\$5,000.00	
4. 8" X 4" Wye	1	EA	@	\$500.00	=	\$500.00	
5. 4" Service Pipe	20	LF	@	\$20.00	=	\$400.00	
6. Cleanout on 4" Sewer Service	1	EA	@	\$500.00	=	\$500.00	
7. Trench Excavation Protection	230	LF	@	\$5.00	=	\$1,150.00	
<b>Subtotal Sanitary Sewer</b>						<b>:</b>	<b>\$23,900.00</b>

**Paving**

1. Unc. Excavation	2,400	CY	@	\$4.00	=	\$9,600.00	
2. 8" Flexible Base	4,900	SY	@	\$10.00	=	\$49,000.00	
3. 2" HMAC	4,850	SY	@	\$18.00	=	\$87,300.00	
4. 4" Yellow Lane Striping	1,000	LF	@	\$0.50	=	\$500.00	
5. Painted Hdcp Symbol	1	EA	@	\$500.00	=	\$500.00	
6. Lime Treated Subgrade (If Required)	4,900	SY	@	\$2.50	=	\$12,250.00	
7. Lime (If Required)	70	TONS	@	\$250.00	=	\$17,500.00	
8. 18" RCP Culvert	70	LF	@	\$75.00	=	\$5,250.00	
9. Safety End Treatments	2	EA	@	\$1,000.00	=	\$2,000.00	
<b>Subtotal Paving</b>						<b>:</b>	<b>\$183,900.00</b>

**Erosion Control**

1. Silt Fence, Inlet Bales, Construction Entrance,  
NOI and NOT Lump Sum @ \$5,000.00 = \$5,000.00

**Subtotal Erosion Control : \$5,000.00**

**Subtotal : \$215,800.00**

**Contingency (15%) : \$32,370.00**

**Total Construction Cost : \$248,170.00**

**Engineering Fees**

**Existing Site Survey : \$3,500.00**

**Design Fees : \$16,000.00**

**Total Engineering Fee : \$19,500.00**



# **ATTACHMENT C**

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**APPROVED WORK/PROJECT SCHEDULE**

