

**EXHIBIT “F”**  
**HIDALGO COUNTY**  
**Professional Engineering Services**  
**Agreement # C-24-0181-08-06**

**WORK AUTHORIZATION NO. 1**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of the Professional Engineering Services Agreement No. C-24-0181-08-06, incorporated herein by reference, for the “Professional Surveying Services for the Mile 3 Project” made by and between HIDALGO COUNTY, action herein by and through the Commissioner’s Court, hereinafter called the **“Owner,”** and S2 Engineering, PLLC, hereinafter called **“Engineer”**.

**PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the **Engineer** to provide surveying services for the Mile 3 project in Precinct 1.

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”** – *“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 **\$9,545.37**. This amount is based upon the costs outlined in the **Attachment “B”** – *“Fee Proposal”* 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 **Professional Engineering Services Agreement No. C-24-0181-08-06** between the **Owner** and the **Engineer**.

**PART 4. FUNDING**

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

Account No. **4-1200-431-00-121-005-0-334**

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 scopes of the Work Authorization, within the limits of Agreement No. C-24-0181-08-06 , provided in this Work Authorization; or on ( \_\_\_\_\_ DATE \_\_\_\_\_ ).** *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-24-0181-08-06.

**PART 7. ACKNOWLEDGEMENT AND CONFIRMATION**

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

**HIDALGO COUNTY PRECINCT No. 1**

By: \_\_\_\_\_  
**David L. Fuentes**, Commissioner

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners’ Court on 08/06/24 as indicated below and effective as of **6<sup>th</sup> day of August, 2024.**

**EXECUTED** as of the day and year first written above.

**APPROVED BY COMMISSIONERS’ COURT ON AUGUST 6<sup>th</sup>, 2024.**

**Agenda Item No. 96143**

**Executive Office:** \_\_\_\_\_

**ENGINEER:**  
S2 Engineering, PLLC

**COUNTY:**  
COUNTY OF HIDALGO

\_\_\_\_\_  
Joe Noe Saldivar, President/Senior Project Manager

\_\_\_\_\_  
Hon. Richard F. Cortez, County Judge

**ATTEST:**

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

**LIST OF ATTACHMENTS:**

**Attachment “A”** – *Scope of Services to be provided by Engineer*

**Attachment “B”** – *Fee Proposal*

**Attachment “C”** – *Approved Work/Project Schedule (If applicable)*



# **ATTACHMENT A**

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

**Attachment “A”**  
**Scope of Services**  
**Services to be Provided by S2 Engineering**

**General Project Information**

Services to Be Provided by the Surveyor:

Services shall be provided under the direct supervision of a Texas Registered Professional Land Surveyor and shall be in accordance (when applicable) with the Texas Board of Professional Engineers and Land Surveyors Acts and Rules, with minimum requirements, met in accordance with the latest edition of the Texas Society of Professional Land Surveyors (TSPS) Manual of Practice, latest standards for ALTA/NSPS surveys, and the latest edition of the Texas Department of Transportation Survey Manual.

Boundary/ Property Surveys:

- Abstracting. The surveyor shall research County Clerk records for deed and easement information.
- Field Surveys. Recover and set boundary corners.
- Parcel Descriptions. Describe the subject tract by metes and bounds description identifying calculated acreage, and distances, set and recovered property corners, and adjoining property record deed information.
- Survey plat. Map detailing boundary location, documents of record, encumbrances, encroachments, easements, right-of-way information, and improvements on the subject tract.

Survey Alignments:

- Alignments. Establish centerline alignments for existing and future easements, roadways, and utility corridors.
- Right-of-ways. Establish existing roads and utility right of ways from public record documents. Mapping identifying resolved right of way, easement, and alignment locations. Staking of Right of Way limits.
- Deliverables. CADD files identifying improvements, alignments, dimensions, record ownership information, distances, bearings, property lines, monuments recovered, monuments set, and easement locations. PDF file to be provided on request.



# **ATTACHMENT B**

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## **FEE PROPOSAL**



**Attachment "B"**  
**FEE SCHEDULE**  
**Work Authorization No. 1**  
**Mile 3 Road project( 1 Mile Approximate)**

<i>S2 Engineering Project Development Activities</i>		Project Manager	Survey Technical	Senior RPLS	Survey Crew	Admin/Clerical	Total Hours	Total Line Item Cost	
TASKS									
<b>Design Values</b>									
1	Negotiation and Contract	2				1	3	\$500.57	
2	Location of the Property Points (1 Miles)	1	8	3	20		32	\$4,305.79	
3	Determination of the boundary Property for existing ROW	1	6	3			10	\$1,135.07	
4	Staking ROW		4	0	20		24	\$3,341.44	
<b>Subtotal Labor Hours</b>		<b>4</b>	<b>18</b>	<b>6</b>	<b>40</b>	<b>1</b>	<b>69</b>	<b>\$9,282.87</b>	
<b>Total Labor Hours</b>		<b>4</b>	<b>18</b>	<b>6</b>	<b>40</b>	<b>1</b>	<b>69</b>	<b>\$9,282.87</b>	
Hourly Base Rates		\$ 75.00	\$ 29.50	\$ 48.00	\$ 52.00	\$ 23.00			
Contract Rate		\$ 217.01	\$ 85.36	\$ 135.30	\$ 150.00	\$ 66.55			
<b>Total Costs</b>		<b>\$ 868.04</b>	<b>\$ 1,536.48</b>	<b>\$ 811.80</b>	<b>\$ 6,000.00</b>	<b>\$ 66.55</b>		<b>\$9,282.87</b>	
<b>Direct Expenses</b>									
		<i>Total Direct Expenses</i>	<b>\$262.50</b>						
Support Truck (30 miles round trip)		\$ 52.50		5 Trip	\$262.50				
Mile 0.625/ Mile									
8 1/2" x 11" copies 1.00/sheet									
<b>S2 Engineering Total Cost</b>								<b>\$9,545.37</b>	



# ATTACHMENT C

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## APPROVED WORK/PROJECT SCHEDULE

# ATTACHMENT "C"

## WORK SCHEDULE

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To be determined once the construction schedule is established.