

**EXHIBIT “F”**  
**HIDALGO COUNTY**  
**Professional Engineering Services for Construction Material Testing Agreement**  
**C-23-0288-09-05**  
**(ARPA-22-124-096)**

**WORK AUTHORIZATION NO. 1**

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of the Professional Engineering Services Agreement No. C-23-0288-09-05, incorporated herein by reference, for the “Construction Material Testing - Hidalgo County Precinct 4 North Main Drain III Phase II Stormwater Project” made by and between HIDALGO COUNTY, action herein by and through the Commissioner’s Court, hereinafter called the “**Owner**,” and Raba Kistner, Inc. , hereinafter called “**Engineer**”.

**PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is for the **Engineer** to provide Construction Material Testing services for and during the construction of the Project, or portions of the Project, as approved by the COUNTY.

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 **\$43,241.00**. 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-23-0288-09-05** between the **Owner** and the **Engineer**.

**PART 4. FUNDING**

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

Account No. **3-1290-431-50-115-283-4-723**

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-23-0288-09-05 , 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-23-0288-09-05**.

**PART 7. ACKNOWLEDGEMENT AND CONFIRMATION**

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

**HIDALGO COUNTY PRECINCT No. 4**

By: \_\_\_\_\_  
Ellie Torres, Commissioner

**PART 8. ACCEPTANCE AND APPROVAL**

This Work Authorization is hereby accepted and approved by the Hidalgo County Commissioners Court and hereby executed and effective as of the date indicated below.

**APPROVED BY COMMISSIONERS' COURT ON SEPTEMBER 5, 2023.**

**Agenda Item No. 92248**

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

**ENGINEER:**  
Raba Kistner, Inc.

**COUNTY:**  
COUNTY OF HIDALGO

\_\_\_\_\_  
Katrin M. Leonard, Vice President

\_\_\_\_\_  
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**

---

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

Proposal No.: PMD23-070-01  
August 9, 2023

Ms. Ellie Torres  
Commissioner Precinct 4  
Hidalgo County Precinct 4  
1051 N. Doolittle Rd.  
Edinburg, Texas 78542

**RE: Proposal for Construction Materials Observation and Testing Services  
Hidalgo County Precinct 4 – North Main Drain III Phase II  
North of intersection between W. Monte Cristo Rd. and N. Jackson Rd.**

Dear Ms. Torres:

**RABA KISTNER, Inc. (RKI)** is pleased to have been selected to provide Construction Materials Observation and Testing Services for the above referenced project.

As requested by Hidalgo County our revised opinion of probable cost of services for this project is **\$43,241.00**.

Our estimated scope of services and estimated item quantities were based upon the information provided via electronic transmittal received by our office from Mr. Victor Borrego, with Hidalgo County on Monday, July 17, 2023. Project information provided to RKI are without the aid of the general contractor's schedule. The scope and quantity of services provided will be dependent upon the actual services required/requested by you and/or your representatives. Charges will be assessed only for actual services rendered. All services authorized or requested by you and/or your representatives in excess of the quantities of observation and testing services shown herein will be charged at the appropriate unit rate for such services. Charges will be invoiced on a monthly basis and will show a computerized composite total of services rendered for each service category.

This amount should not be considered a maximum but is **RKI's** estimate of the probable costs associated with implementing the work outlined on Page No. 4 of this document. The means/methods, sequencing, and scheduling of the Contractor and its Subcontractors, can significantly impact our estimate of the probable cost.

Invoices will be submitted monthly for work in progress in our standard format. Our invoices are due and payable upon receipt at P.O. Box 971037, Dallas, Dallas County, Texas 75397-1037. All parties hereby agree that this contract upon acceptance will be performable in Bexar County, Texas. In the event that the State of Texas legislates a sales tax on professional services, the amount of tax applicable will be added to the appropriate service rate charged by **RKI**.

We appreciate the opportunity of submitting this proposal and look forward to working with you during the construction of this project. Please return one signed copy of this letter proposal to provide written authorization for our firm to commence work on the services outlined herein. Please complete the attached Project Data Sheet for invoicing and reporting information.

Very truly yours,

**RABA KISTNER, Inc.**



Eloy Arredondo  
CoMET Supervisor

AR

Accepted By \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Typed or Printed Name)

\_\_\_\_\_  
(Title)

Date \_\_\_\_\_

Copies submitted:      Above (1)



# **ATTACHMENT B**

---

## **FEE PROPOSAL**

**BASIC CHARGES**

1. A vehicle travel charge will be assessed for round trip travel from our office to the project site, material supplier, etc. and back to our office. The charges for travel from our office to the project site and return to our office will be as follows:

Travel Time (round trip)	.....	1.00 /hour(s)
Vehicle Trip Charge	.....	\$6.50 /trip

2. Service Charges are based on the hourly rates stated herein and will be assessed from the time the Engineer or Technician leaves our office until he returns from the project.
3. Any engineering and/or technical services provided on Saturday, Sunday and all work in excess of "normal" work hours, as stated herein, Monday through Friday, will be charged at an overtime rate of 1.5 times the appropriate hourly rate. Our total cost of services is based upon the assumption most services will be provided during "normal" work hours. Providing an excessive amount of services during days and/or hours requiring overtime rates may significantly increase the total cost of services shown herein.
4. "Normal" work hours are between 7:00 a.m. and 6:00 p.m., including travel time to and from the site unless stated otherwise. Overtime charges will be assessed after eight (8) continuous hours of service rendered during "normal" work hours.
5. Minimum of 2 hours billing per visit to project site.
6. Our opinion of probable cost for each proposal to be submitted is based upon an estimate of the construction materials observation and testing services required to meet the project requirements. Because the general contractor has control over the project and determines the means and methods used to build/construct the project, our proposed scope of services is an estimate. On the basis of the general contractor's schedule, potential retesting of non-compliance items, weather related issues, the actual total services and fees may be higher or lower than the estimates in our proposal. **RKI** will keep you CLIENT apprised of our billings in comparison to our opinion of probable cost (project budget) over the life of the project. All tests noted as retests of previously non-complaint areas will be billed to the CLIENT. **RKI** will invoice these tests separately to allow CLIENT to segregate the charges from our normal charges. This will allow CLIENT to back charge the general contractor as necessary. CLIENT will be responsible for payment of all services rendered by **RKI** for the project.
7. **RKI** will utilize the on-site initial field curing facilities provided by the contractor. The cost of providing and maintaining these initial curing facilities is not included in our proposal.



**CONSTRUCTION MATERIALS TESTING UNIT RATES**  
**Hidalgo County Pct 4 – North Main Drain III Phase II**

4. Technician Time Sampling	\$64.25	hour	16	\$1,028.00
5. Vehicle Travel Charge	\$60.50	mile	8	\$484.00
6. Proof Rolling Observation	\$64.25	hour	As Requested	
7. Vehicle Travel Charge	\$60.50	mile	As Requested	
6. Lime Series Curve Determination Including Five pH Determinations	\$542.75	hour	As Requested	
7. Field Density Test - Maintenance Road Subgrade	\$27.50	each	80	\$2,200.00
8. Technician Time - Maintenance Road Subgrade	\$64.25	hour	80	\$5,140.00
9. Vehicle Travel Charge	\$60.50	trip	40	\$2,420.00
10. Field Density Test - Maintenance Bench Subgrade	\$27.50	each	40	\$1,100.00
11. Technician Time - Maintenance Bench Subgrade	\$64.25	hour	40	\$2,570.00
12. Vehicle Travel Charge	\$60.50	trip	20	\$1,210.00
10. Field Density Test - Ditch Subgrade	\$27.50	each	40	\$1,100.00
11. Technician Time - Ditch Subgrade	\$64.25	hour	40	\$2,570.00
12. Vehicle Travel Charge	\$60.50	trip	20	\$1,210.00
14. Field Density Test - Utilities	\$27.50	each	40	\$1,100.00
15. Technician Time - Utilities	\$64.25	hour	40	\$2,570.00
16. Vehicle Travel Charge	\$60.50	trip	20	\$1,210.00
<b>Subtotal</b>				<b>\$30,200.00</b>

**Concrete:**

1. Concrete Compressive Strength Tests	\$20.00	each	100	\$2,000.00
2. Technician Time - Concrete Testing	\$64.25	hour	40	\$2,570.00
3. Air Content of Concrete	\$38.00	each	20	\$760.00
4. Technician Time - Pick-Up of Specimen(s)	\$64.25	hour	40	\$2,570.00
5. Vehicle Travel Charge	\$60.50	mile	20	\$1,210.00
<b>Subtotal</b>				<b>\$9,110.00</b>

**Other:**

1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$3,931.00
<b>Subtotal</b>				<b>\$3,931.00</b>

Grand Total **\$43,241.00**

**Fees for Consulting & Coordination Services**

**Unit Fees**

Principal Engineer .....	\$254.75 to \$428.75 /hour
Managing Engineer .....	\$165.50 to \$282.75 /hour
Staff Engineer .....	\$131.25 to \$226.75 /hour
Laboratory Manager .....	\$102.50 to \$203.00 /hour
Construction Services Manager .....	\$102.50 to \$203.00 /hour
Outside Professional Services & Reimbursable .....	
Additional Insured.....	\$304.25 /each
Report Preparation and Administration .....	\$67.00 to \$113.75 /hour



# ATTACHMENT C

---

## APPROVED WORK/PROJECT SCHEDULE

# ATTACHMENT "C"

## WORK SCHEDULE

---

To be determined once the construction schedule is established.