

EXHIBIT “F”
HIDALGO COUNTY
Professional Engineering Services
Agreement # C-23-0446-12-19/ARPA-22-124-047

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of the Professional Engineering Services Agreement No. C-23-0285-08-08, incorporated herein by reference, for the “**Construction Material Testing - Hidalgo County Precinct 4 Tex-Mex Rd 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 **\$21,662.85**. 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-23-0446-12-19** 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 the scopes of the Work Authorization, within the**

limits of Agreement No. C-23-0446-12-19, 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-23-0446-12-19.**

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, approved by Hidalgo County Commissioners’ Court on December 19th, 2023 as indicated below and effective as of **19th day of December, 2023.**

EXECUTED as of the day and year first written above.

APPROVED BY COMMISSIONERS’ COURT ON DECEMBER 19th, 2023.

Agenda Item No. 93587

Executive Office: _____

ENGINEER:
RABA KISTNER, INC.

COUNTY:
COUNTY OF HIDALGO

Katrin M. Leonard, P.E., 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.: PMD23-110-00
November 29, 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 – Tex Mex Rd Stormwater Project
Tex-Mex Rd. From Tower Rd. to Magnolia Villa Drive, Edinburg, Texas**

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.

Our revised opinion of probable cost of services for this project is **\$21,662.85**.

The revised proposal was at the request of Mrs. Leticia Sanez. Our estimated scope of services and estimated item quantities were based upon our interpretation of the project plan sheets received via electronic-mail attachment from Ms. Jasmine Cantu, with Hidalgo County Precinct 4, on Wednesday, November 15, 2023 and 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 **RKCI's** estimate of the probable costs associated with implementing the work outlined on **Attachment B** 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 **RKCI**.



Proposal No.: PMD23-110-00
November 29, 2023

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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 Consultants, Inc.



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 \$ 63.00/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. A ten (10) percent project management and administration cost will be added to all invoices.
7. 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.
8. **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.



PROJECT DATA SHEET

Project Name: _____

Client Project No: _____ **Purchase Order No.:** _____

Invoicing Information: Company Name: _____

Address: _____

Attention: _____

Report Distribution Information (Please provide required report distribution and requested number of copies of each)

No. Copies () _____

Contact: _____ e-mail: _____

Phone No.: _____ Fax No.: _____

No. Copies () _____

Contact: _____ e-mail: _____

Phone No.: _____ Fax No.: _____

No. Copies () _____

Contact: _____ e-mail: _____

Phone No.: _____ Fax No.: _____

No. Copies () _____

Contact: _____ e-mail: _____

Phone No.: _____ Fax No.: _____

No. Copies () _____

Contact: _____ e-mail: _____

Phone No.: _____ Fax No.: _____





ATTACHMENT B

FEE PROPOSAL

CONSTRUCTION MATERIALS TESTING UNIT RATES
Hidalgo County Precinct 4 – Tex Mex Stormwater Project

SERVICE	UNIT RATE	QUANTITY	TOTAL
Civil Earthwork:			
1. Moisture-Density Relationship (Proctor)	\$314.50 each	3	\$943.50
2. Atterberg Limits Determinations (P.I.) (ASTM/AASHTO)	\$114.50 each	3	\$343.50
3. Sieve Analysis	\$128.00 each	3	\$384.00
4. Sieve Analysis - 200	\$77.50 each	3	\$232.50
5. Technician Time Sampling	\$67.00 hour	4	\$268.00
6. Vehicle Travel Charge	\$63.00 trip	2	\$126.00
7. Proof Rolling Observation	\$67.00 hour	8	\$536.00
8. Vehicle Travel Charge	\$63.00 trip	2	\$126.00
9. Lime Series Curve Determination Including Five Atterberg Limits	\$564.50 each	2	\$1,129.00
10. Field Density Test - Street Subgrade & Base	\$28.50 each	12	\$342.00
11. Technician Time - Street Subgrade & Base	\$67.00 hour	24	\$1,608.00
12. Vehicle Travel Charge - Street Subgrade & Base	\$63.00 trip	12	\$756.00
16. Field Density Test - Ditch Pipe	\$28.50 each	10	\$285.00
17. Technician Time - Ditch Pipe	\$67.00 hour	20	\$1,340.00
18. Vehicle Travel Charge - Ditch Pipe	\$63.00 trip	10	\$630.00
19. Field Density Test - Stormwater	\$28.50 each	10	\$285.00
20. Technician Time - Stormwater	\$67.00 hour	20	\$1,340.00
21. Vehicle Travel Charge - Stormwater	\$63.00 trip	10	\$630.00
Subtotal			\$11,304.50
Concrete			
1. Concrete Compressive Strength Tests	\$21.00 each	25	\$525.00
2. Technician Time - Concrete Testing	\$67.00 hour	10	\$670.00
3. Air Content of Concrete	\$39.00 each	5	\$195.00
4. Technician Time - Pick-Up of Specimen(s)	\$67.00 hour	10	\$670.00
5. Vehicle Travel Charge	\$63.00 trip	10	\$630.00
Subtotal			\$2,690.00
Asphalt:			
1. Asphalt Concrete Laydown Observation	\$81.00 hour	12	\$972.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$388.50 each	2	\$777.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$141.50 each	2	\$283.00
4. Field Density Test	\$28.50 each	12	\$342.00
5. Asphaltic Concrete Coring: (4 cores)			
a.) Two Men	\$138.50 hour	16	\$2,216.00
b.) Coring Rig	\$155.00 day	2	\$310.00
c.) Generator	\$130.00 day	2	\$260.00
d.) Bit Wear (7 Cores)	\$7.00 /in. -in.	32	\$224.00
6. Vehicle Travel Charge	\$63.00 trip	5	\$315.00
Subtotal			\$5,699.00
Other:			
1. Project Administration(Markup of Invoiced Billing Cycle)	10%		\$1,969.35
Subtotal			\$1,969.35
		GRAND TOTAL	\$21,662.85





ATTACHMENT C

APPROVED WORK/PROJECT SCHEDULE

ATTACHMENT "C"

WORK SCHEDULE

To be determined once the construction schedule is established.

