

# Work Authorization Form

**HIDALGO COUNTY**  
**Professional Engineering Services for**  
**“Geo-Technical/Construction Material Testing Services”**  
**Agreement # C-20-687-12-29**

## WORK AUTHORIZATION NO. 9

**THIS WORK AUTHORIZATION** is made pursuant to the terms and conditions of Section I.A. of the Agreement made by and between **HIDALGO COUNTY**, action herein by and through the **Commissioner’s Court**, hereinafter called the “**Owner**,” and, **Raba Kistner, Inc.** professional engineers of McAllen, Texas, hereinafter called “**Engineer**”.

### **PART 1. SCOPE OF WORK**

The purpose of this Work Authorization is to provide Construction Materials Observation and Testing Services for the Construction of the Pueblo de Palmas Park Project.

The scope of services to be provided by the **Owner** is identified in **Attachment “A” – Scope of Services to be provided by the Owner** attached hereto.

The scope of services to be provided by the **Engineer** is identified in **Attachment “B” – Scope of Services to be provided by the Engineer** attached hereto.

### **PART 2. ESTIMATED COST**

The estimated cost for services under this Work Authorization is \$27,821.75 for engineering services for Construction Materials Observation and Testing. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **Attachment “C”**.

### **PART 3. PAYMENT**

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with **Attachment “D”** of the Agreement.

### **PART 4. FUNDING**

This Work Authorization No.9 shall be funded through funding source:

Account No. 1-1357-452-00-124-223-0-740.

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 scopes of the work authorization.**

**PART 6. RESPONSIBILITIES AND OBLIGATIONS**

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

**PART 7. ACKNOWLEDGEMENT AND CONFIRMATION**

Acknowledgment and Confirmation by **Hidalgo County Precinct No.4, Commissioner, Ellie Torres**, as to content and detail of this **Work Authorization No. 9**.

**HIDALGO COUNTY  
COMMISSIONER 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 October 5, 2021, as indicated below and effective as of the 5<sup>th</sup> day of October 2021.

**THE ENGINEER:  
RABA KISTNER, INC.**

By: \_\_\_\_\_  
Katrin M. Leonard, PE, Vice President

**THE OWNER:  
HIDALGO COUNTY**

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

**ATTEST:**

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

EXHIBIT “A”  
SCOPE OF SERVICES TO BE PROVIDED BY THE OWNER

---

The following provides an outline of the services to be provided by the **Owner** in the development of the Construction of Pueblo de Palmas Park Project located within Hidalgo County hereinafter denoted as the **Project**.

**GENERAL:**

The **Owner** will provide to the **Engineer** the following:

- 1) Provide the authorization to proceed with services through coordination with the project consulting and design Engineer.
- 2) Payment for work performed by the **Engineer** and accepted by the **Owner** in accordance with Article 3 of the Agreement.
- 3) Assistance to the **Engineer**, as necessary, to obtain the required data and information from other local, regional, state, and federal agencies the **Engineer** cannot easily obtain.
- 4) Provide any available relevant data the **Owner** may have on file concerning the **Project**.
- 5) Provide timely review and decisions in response to the **Engineer’s** request for information and/or required submittals and deliverables, in order for the **Engineer** to maintain the agreed-upon work schedule prepared in accordance with Attachment “C” attached to this Work Authorization (if applicable).
- 6) Attend and participate in progress meetings as required and as coordinated and conducted by **Engineer**.

**ATTACHMENT B**

Scope of Service to be provided by the Engineer

The services designed herein as “Services provided by the ENGINEER” shall include the performance of all engineering services and project description in (*attachments herein*) for the following described facility:

ENTITY	Hidalgo County Precinct No. 4
Project Description	<b>Proposal for Construction Materials Observation and Testing Services “Hidalgo County Precinct 4- Construction Pueblo de Palmas Park Project” “ON CALL” CMT SERVICE AGREEMENT No. <u>C-20-687-12-29</u></b>
Engineer	Raba Kistner, Inc.

# Attachment "C"



Proposal No.: PMD21-098-00 **Cost Proposal**  
August 24, 2021

**Raba Kistner, Inc.**  
800 East Hackberry  
McAllen, TX 78501  
www.rkci.com

Mrs. Ellie Torres, Commissioner  
Hidalgo County Commissioner Pct. 4  
1051 N. Doolittle Rd.  
Edinburg, Hidalgo County, Texas

**P 956.682.5332**  
**F 956.682.5487**  
TBPE Firm F-3257  
TBAE Firm BR 3427

**RE: Proposal for Construction Materials Observation and Testing  
Hidalgo County - Pueblo De Palmas Park  
4550 North Cesar Chavez Road  
Edinburg, Hidalgo County, Texas**

Dear Mr. Garcia:

**RABA KISTNER Consultants, Inc. (RKCI)** is pleased to submit this proposal for Construction Materials Observation and Testing Services for the above referenced project.

Our opinion of probable cost of services for this project is **\$27,821.75**

Our proposed scope of services and estimated item quantities are based upon our interpretation of the project plans provided to us via electronic-mail transmittal attachment from Mr. Nick Perez with Hidalgo County Precinct 4 on Thursday, August 12, 2021 also along with 100 % set of plans via email link on Thursday, August 18, 2021, from Mr. Perez, 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 Page Nos. 4 and 5 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.: PMD21-098-00  
August 24, 2021

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.**



Eloy Arredondo  
Supervisor, CME

EA/WP

Attachments: Basic Charges

Copies submitted:      Above (1)

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

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

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

Date \_\_\_\_\_



# Attachment "D"

## Fee Schedule

Proposal No.: PMD21-098-00  
August 24, 2021

3

### 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) \_\_\_\_\_ 1.0/hour(s)

Vehicle Trip Charge \_\_\_\_\_ \$53.00/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. **RKCI** 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. **RKCI** 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 **RKCI** for the project.
8. **RKCI** 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**  
**PUEBLO DE PALMAS PARK**

Service	UNIT RATE		QUANTITY	TOTAL
<b>Earthwork</b>				
1. Moisture-Density Relationship (Proctor)	\$263.50	each	5	\$1,317.50
2. Atterberg Limits Determinations (P.I.) (ASTM/AASHTO)	\$96.25	each	5	\$481.25
3. Sieve Analysis -200	\$65.00	each	4	\$260.00
3. Sieve Analysis -Flexible Base Material	\$65.00	each	1	\$65.00
4. Technician Time Sampling	\$56.00	hour	10	\$560.00
5. Field Density Test - Utility	\$24.00	each	18	\$432.00
6. Technician Time - Density Testing - Utility	\$56.00	hour	30	\$1,680.00
5. Field Density Test - Utility - Restroom Pad	\$24.00	each	8	\$192.00
6. Technician Time - Density Testing - Utility - Restroom Pad	\$56.00	hour	16	\$896.00
5. Field Density Test - Pavement	\$24.00	each	8	\$192.00
6. Technician Time - Density Testing - Pavement	\$56.00	hour	16	\$896.00
5. Field Density Test - Civil Pads	\$24.00	each	44	\$1,056.00
6. Technician Time - Density Testing - Civil Pads	\$56.00	hour	20	\$1,120.00
5. Field Density Test - Restroom Buiding	\$24.00	each	20	\$480.00
6. Technician Time - Density Testing - Restroom Buiding	\$56.00	hour	10	\$560.00
7. Proof Rolling Observations	\$56.00	hour	2	\$112.00
8. Vehicle Travel Charge	\$53.00	trip	52	\$2,756.00
<b>Subtotal</b>				<b>\$13,055.75</b>
<b>Concrete: Civil</b>				
1. Concrete Compressive Strength Tests	\$17.50	each	60	\$1,050.00
2. Technician Time - Concrete Testing	\$56.00	hour	24	\$1,344.00
3. Air Content of Concrete	\$33.00	each	12	\$396.00
4. Technician Time - Pick-Up of Specimen(s)	\$56.00	hour	22	\$1,232.00
5. Vehicle Travel Charge	\$53.00	trip	22	\$1,166.00
<b>Subtotal</b>				<b>\$5,188.00</b>
<b>Concrete: Building Pad</b>				
1. Concrete Compressive Strength Tests	\$17.50	each	5	\$87.50
2. Technician Time - Concrete Testing	\$56.00	hour	2	\$112.00
3. Air Content of Concrete	\$33.00	each	1	\$33.00
4. Technician Time - Pick-Up of Specimen(s)	\$56.00	hour	2	\$112.00
5. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
<b>Subtotal</b>				<b>\$450.50</b>
<b>Asphalt:</b>				
1. Asphaltic Concrete Laydown Observation	\$68.00	hour	4	\$272.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$325.50	each	1	\$325.50
3. Maximum Theoretical Specific Gravity of Asphalt	\$119.00	each	1	\$119.00
4. Nuclear Densities	\$18.75	each	4	\$75.00
5. Asphaltic Concrete Coring:				
a.) Two Men	\$116.00	hour	4	\$464.00
b.) Coring Rig	\$130.00	day	1	\$130.00
c.) Generator	\$109.25	day	1	\$109.25
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.00	in.-in.	48	\$288.00
e.) Core Denstiy ( 1 Core per 5000 sqft)	\$25.25	each	4	\$101.00
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
<b>Subtotal</b>				<b>\$1,989.75</b>



**RATES CONTINUE ON PAGE 5**

**CONSTRUCTION MATERIALS TESTING UNIT RATES**  
**PUEBLO DE PALMAS PARK**

<b>Masonry</b>				
1. Masonry Observation	\$71.50	hour	18	\$1,287.00
2. Motar/Grout Compression Strength Testing	\$20.75	each	30	\$622.50
3. Technician Time - Pick-Up of Specimen(s)	\$56.00	hour	12	\$672.00
4. Vehicle Travel Charge	\$53.00	trip	12	\$636.00
<b>Subtotal</b>				<b>\$3,217.50</b>
<b>Reinforcing Steel:</b>				
1. Reinforcing Steel Observation	\$56.00	hour	as requested	
2. Vehicle Travel Charge	\$53.00	trip	as requested	
<b>Subtotal</b>				<b>\$0.00</b>
<b>Structural Steel Observation:</b>				
1. Structural Steel Observation/Bolts and Weld Certified Welding Inspector	\$128.50	hour	10	\$1,285.00
2. Non- Destructive Testing (Radiographic/Ultrasonic)	Cost + 15%		As Requested	
3. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
<b>Subtotal</b>				<b>\$1,391.00</b>
<b>Professional Services:</b>				
1. Project Coordination	\$110.00	hour	As requested	
2. Geotechnical / Materials Engineer	\$165.00	each	As requested	
3. Vehicle Travel Charge	\$53.00	trip	As requested	
<b>Subtotal</b>				
<b>Other:</b>				
1. Project Administration(Markup of Invoiced Billing Cycle)	10%			\$2,529.25
<b>Subtotal</b>				<b>\$2,529.25</b>
			<b>GRAND TOTAL</b>	<b>\$27,821.75</b>

