

WORK AUTHORIZATION NO. 1

**HIDALGO COUNTY
Professional Construction
Material Testing Engineer Services**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Section I.A. of the Agreement made by and between **HIDALGO COUNTY**, acting by and through the **Hidalgo County Urban County Program**, hereinafter called the “**Owner**,” and, **Raba-Kistner Consultants, Inc.** professional engineers of **McAllen**, Texas, hereinafter called “**Engineer**”.

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the “engineering services” to provide **Construction material testing engineer services for Granjeno 2016 Parks, Recreational Facility Improvements (Phase II).**

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$3,108.60**. This amount is based upon the costs outlined in the Estimated **Cost Proposal** attached hereto as **EXHIBIT “A”**.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with Article/Part/Section 4 of the Agreement.

PART 4. FUNDING

WORK AUTHORIZATION NO. 1 shall be funded through funding source:

ACCOUNT NO. **5016-35-0306-5000-3500-UCP-GVG**

PURCHASE ORDER 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 scope 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

Acknowledgement and Confirmation by Hidalgo County Urban County Program, Diana Serna (Director) as to content and detail of this **Work Authorization No. 1**.

**HIDALGO COUNTY
URBAN COUNTY PROGRAM**

BY: _____
DIANA R. SERNA, UCP DIRECTOR

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on July 11, 2017 as indicated below and effective as of **11th day of July, 2017**.

THE ENGINEER:

**THE OWNER:
HIDALGO COUNTY**

By: Isidoro Arjona, P.E. PMP, Vice President

By: Ramon Garcia, County Judge

ATTEST:

Arturo Guajardo Jr., County Clerk

**APPROVED AS TO FORM:
Atlas, Hall & Rodriguez, L.L.P.**

By: _____

Exhibit A: Cost Proposal : (Best & Final Offer Letter & Cost Breakdown)



Proposal No.: PMD17-056-00 (Revised)
June 23, 2017

EXHIBIT "A"

Ms. Guadalupe Garcia
Hidalgo Urban County Program
427 E. Duranta Ave, Suite 107
Alamo, Hidalgo County, Texas 78516

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

**P 956.682.5332
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TBPE Firm F-3257
TBPLS Firm 10193784

**RE: Construction Materials Observation and Testing Services
City of Granjeno Parks and Recreational Facility Improvements
6607 S. F.M. 494
Granjeno, Hidalgo County, Texas**

Dear Ms. Gracia:

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 **\$3,108.60**.

Our proposed scope of services and estimated item quantities are based upon our interpretation of the project plan provided to us via electronic-mail transmittal by Mr. Carlos Trevino, Graduate Engineer, with Hinojosa Engineering, Inc., the project's consulting engineering firm on Thursday, May 25, 2017, 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 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 **RKCI**.



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June 23, 2017

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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.


Jorge L. Perez
Supervisor, CME

JLP/WP

Attachments: Basic Charges

Copies submitted: Above (1)

Accepted By _____
(Signature)

(Typed or Printed Name)

(Title)

Date _____



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 _____ \$ 46.75/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
CITY OF GRANJENO PARKS AND RECREATIONAL FACILITY IMPROVEMENTS PHASE II

SERVICE	UNIT RATE		QUANTITY	TOTAL
Earthwork:				
1. Moisture-Density Relationship (Proctor)	\$230.00	each	2	\$460.00
2. Atterberg Limits Determinations (P.I.) (ASTM/AASHTO)	\$84.00	each	2	\$168.00
3. Sieve Analysis -200	\$56.75	each	2	\$113.50
4. Sieve Analysis - Flexible Base Material	\$56.75	each	0	\$0.00
5. Technician Time Sampling	\$49.25	hour	4	\$197.00
6. Field Density Test - Volleyball/sidewalk/pads	\$21.00	each	8	\$168.00
7. Technician Time - Density Testing -	\$49.25	hour	8	\$394.00
8. Vehicle Travel Charge	\$46.75	trip	6	\$280.50
Subtotal				\$1,781.00
Concrete:				
1. Concrete Compressive Strength Tests	\$15.50	each	15	\$232.50
2. Technician Time - Concrete Testing	\$49.25	hour	6	\$295.50
3. Air Content of Concrete	\$28.75	each	3	\$86.25
4. Technician Time - Pick-Up of Specimen(s)	\$49.25	hour	4	\$197.00
5. Vehicle Travel Charge	\$46.75	trip	5	\$233.75
Subtotal				\$1,045.00
Professional Services:				
1. Project Coordination	\$110.00	hour	As requested	
2. Geotechnical / Materials Engineer	\$165.00	each	As requested	
3. Vehicle Travel Charge	\$14.50	trip	As requested	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$282.60
Subtotal				\$282.60
GRAND TOTAL				\$3,108.60

Fees for Consulting & Coordination Services

Unit Fees

Principal Engineer.....	\$ 190.00 to 320.00/hr
Managing Engineer	123.00 to 210.00/hr
Staff Engineer	97.00 to 170.00/hr
Laboratory Manager	77.00 to 150.00/hr
Construction Services Manager	77.00 to 150.00/hr
Outside Professional Services & Reimbursable	Cost +15%
Additional Insured	225.00/ea
Report Preparation and Administration	49.00 to 84.00/hr

