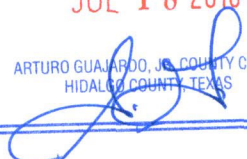


WORK AUTHORIZATION NO. 1

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

FILED	AT	11:30	O'CLOCK	A	M
JUL 18 2018					
ARTURO GUAJARDO, JR. COUNTY CLERK HIDALGO COUNTY, TEXAS					
BY					DEPUTY

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 San Juan 2017 Street Improvements.**

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is **\$15,815.81**. 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. **5017-75-0311-5000-7500-UCP-GVG**

PURCHASE ORDER NUMBER: 10275 (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**.

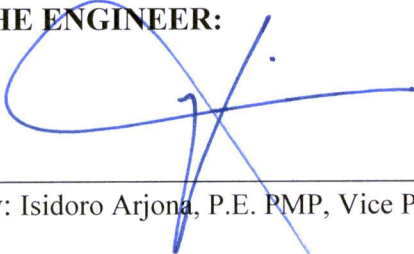
**HIDALGO COUNTY
URBAN COUNTY PROGRAM**

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 3, 2018** as indicated below and effective as of **July 3, 2018**.

THE ENGINEER:



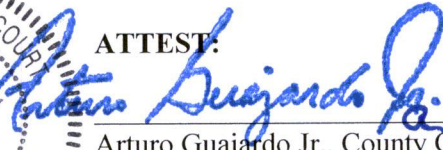
By: Isidoro Arjona, P.E. PMP, Vice President

**THE OWNER:
HIDALGO COUNTY**



By: Ramon Garcia, County Judge

ATTEST:



Arturo Guajardo Jr., County Clerk



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

By:  _____

APPROVED BY
COMMISSIONERS' COURT
ON: 7/3/18 

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

" Exhibit A "



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

P 956.682.5332
F 956.682.5487
TBPE Firm F-3257

Proposal No.: PMD18-050-00 (Revised)
May 31, 2018

Ms. Guadalupe V. Garcia, Coordinator II
Hidalgo County Urban County Program
427 E. Duranta Avenue, Suite 107
Alamo, Texas 78516

**RE: Proposal for Geotechnical Engineering Services and
Construction Materials Observation and Testing Services
Proposed City of San Juan Street Rehabilitation Project
Coil Drive, S. Doe Street, Miguel Hidalgo Road, W. 12th Street, and W. 13th Street
San Juan, Hidalgo County, Texas**

Dear Ms. Garcia:

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

The total amount for geotechnical engineering and CoMET services for this project is:

	CoMET - Coil Drive:	\$ 2,753.85
	CoMET - S. Doe Street:	\$ 1,759.73
	CoMET - Miguel Hidalgo Road:	\$ 1,759.73
	CoMET - W. 12 th Street:	\$ 2,186.25
	CoMET - W. 13 th Street:	\$ 2,186.25
Geotechnical Engineering Study:	<u>\$ 5,170.00</u>	
Grand Total:	\$ 5,170.00	Grand Total: \$10,645.81

In the event that additional geotechnical engineering services are required, we will request your written authorization for the additional scope and cost before proceeding.

Our scope of services for geotechnical engineering services includes conducting 11 borings within the street alignment as shown in the table presented in the following page:



Street Name	Number of Borings	Depth, ft *
Coil Drive	2	5
S. Doe Street	2	5
Miguel Hidalgo Road	2	5
W. 12 th Street	2	5
W. 13 th Street	3	5

* Below the existing pavement surface elevation.

Samples will be taken using conventional split-spoon sampling techniques in general accordance with applicable American Society for Testing and Materials (ASTM) standards. Representative portions of the samples will be sealed, identified, packaged, and transported to our laboratory for subsequent testing and classification. Upon completion of drilling activities, water level readings, if applicable, will be recorded in the open boreholes and the boreholes will be backfilled using the auger cuttings generated during the drilling operations. The borings drilled within existing road alignments will be capped with a cold-mix asphalt patch. The laboratory testing is anticipated to include moisture content tests, Atterberg Limits (plasticity) tests, Lime Series determinations, sulfate content, and grain size analyses. The laboratory testing will be performed in general accordance with applicable ASTM standards. The results of the field and laboratory phases of the study will be reviewed by our staff of engineers. The results of our review, together with the supporting field and laboratory data, will be presented in a written, engineering report. Included therein will be recommendations concerning the design and construction of flexible pavements for the proposed road improvement.

Our proposed scope of services and estimated item quantities are based upon our interpretation of the documents received by our office via electronic-mail attachment from Mr. J. David Perez, P.E. with Perez Consulting Engineers, the project's consulting engineering firm, on Monday, April 30, 2018, and are without the aid of the general contractor's schedule. Please note that our proposal was revised to reduce our scope of services based on the information provided to Mr. Jorge L. Perez, CoMET Supervisor with **RKCI** during telephone conversations held with Mr. J. David Perez on Thursday, May 24, 2018 and Wednesday, May 31, 2018. 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.

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**.



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/KML
Attachments: Basic Charges

Accepted By _____
(Signature)

(Typed or Printed Name)

(Title)

Date _____

Copies submitted: Above (1) Email

