

THE STATE OF TEXAS §
§
COUNTY OF HIDALGO §

SUPPLEMENTAL AGREEMENT No. 1
TO AGREEMENT FOR PROFESSIONAL ENGINEERING SERVICES

THIS **SUPPLEMENTAL AGREEMENT** is made pursuant to the terms and conditions of Article 8 of the Agreement made by and between **HIDALGO COUNTY**, acting herein by and through the **HIDALGO COUNTY URBAN COUNTY PROGRAM**, hereinafter called the “**Owner**”, and Raba-Kistner Consultants, Inc., Professional Engineers of Mc Allen, Texas, hereinafter called the “**Engineer**”.

WITNESSETH

WHEREAS, the **Owner** and the **Engineer** executed the **Agreement** on the 14th day of August, 2018 concerning engineering Material Testing for the 2017 La Joya Street Improvements Project, Hidalgo County (hereinafter referred to as the “**Project**”); and,

WHEREAS, Article 1 of the **Agreement**, (Scope of Services), establishes the services to be provided by the Engineer described in Exhibit A; and,

WHEREAS, it has become necessary to amend the contract to account for additional testing required as streets have increased in Linear Footage needing testing.

A. AGREEMENT

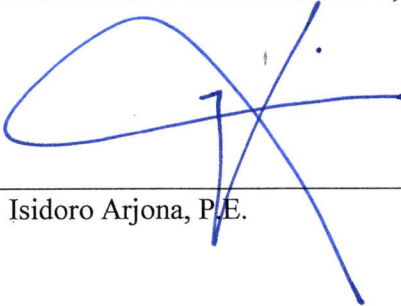
NOW THEREFORE, premises considered, the **Owner** and the **Engineer** agree that said **Agreement** is amended as follows:

- I. Article 1 of the **Agreement**, Scope of Services, is revised, modified, and amended as follows:
 1. Exhibit “A” Services being provided for projects additional testing.
Exhibit “B” Work Schedule for new services
Exhibit “C” Engineer’s Contract Rates
Exhibit “D” Work Authorization No. 2 with new contract amount.
 2. The Best and final offer for engineering letter dated July 26, 2018, shall be deleted in it’s entirety, and the **Revised Best and Final Offer for Engineering Services letter dated February 25, 2020** shall be submitted in lieu thereof.

II. Except as modified herein, all terms and conditions of the Agreement, as amended, remain in full force and effect.

IN WITNESS WHEREOF, the **Engineer** and the **Owner** have caused this Supplemental Agreement to the Agreement for Professional Services to be executed as of the 10th day of March, 2020.

ENGINEER:
RABA-KISTNER CONSULTANTS, INC.


BY: _____
Isidoro Arjona, P.E.

OWNER:
HIDALGO COUNTY

BY: Richard F. Cortez
Richard F. Cortez, County Judge

ATTEST:
Arturo Guajardo, Jr.
Arturo Guajardo, Jr., County Clerk



APPROVED AS TO FORM:
Hidalgo County Office of the Criminal District Attorney
Ricardo Rodriguez, Jr.

By: Victor M. Garza
Victor M. Garza, Assistant District Attorney

ATTACHMENTS:

- Exhibit A: Services being amended from original contract
- Exhibit B: Modified Work Schedule-Time Extension
- Exhibit C: Amended Contract Amount
- Exhibit D: Work Authorization with new Contract Amount

APPROVED BY
COMMISSIONERS' COURT
ON: 3/10/20 

EXHIBIT A

CONSTRUCTION MATERIALS TESTING UNIT RATES
KING AVENUE

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	4	\$99.00
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	4	\$478.00
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	in.-in.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,790.99
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration(Markup of Invoiced Billing Cycle)	10%			\$179.10
Subtotal				\$179.10
			GRAND TOTAL	\$1,970.09

Proposal No.: PMD18-078-00 (Revised 3)
 February 25, 2020

CONSTRUCTION MATERIALS TESTING UNIT RATES
1ST STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	ln.-ln.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$164.67
Subtotal				\$164.67
			GRAND TOTAL	\$1,811.41

Proposal No.: PMD18-078-00 (Revised 3)
 February 25, 2020

CONSTRUCTION MATERIALS TESTING UNIT RATES
2ND STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	ln.-ln.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$164.67
Subtotal				\$164.67
			GRAND TOTAL	\$1,811.41

Proposal No.: PMD18-078-00 (Revised 3)
 February 25, 2020

CONSTRUCTION MATERIALS TESTING UNIT RATES
3RD STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	in.-in.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$164.67
Subtotal				\$164.67
			GRAND TOTAL	\$1,811.41

Proposal No.: PMD18-078-00 (Revised 3)
 February 25, 2020

CONSTRUCTION MATERIALS TESTING UNIT RATES
4th STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	in.-sq.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
1. Project Coordination	\$110.00	hour	As requested	
2. Geotechnical / Materials Engineer	\$165.00	each	As requested	
3. Vehicle Travel Charge	\$46.75	trip	As requested	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$164.67
Subtotal				\$164.67
			GRAND TOTAL	\$1,811.41

Proposal No.: PMD18-078-00 (Revised 3)
 February 25, 2020

CONSTRUCTION MATERIALS TESTING UNIT RATES
5th STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Earthwork:				
1. Moisture-Density Relationship (Proctor)	\$271.50	each	2	\$543.00
2. Atterberg Limits Determinations (P.I.) (ASTM/AASHTO)	\$99.00	each	2	\$198.00
3. Sieve Analysis -200	\$67.00	each	1	\$67.00
4. Sieve Analysis - Flexible Base Material	\$67.00	each	1	\$67.00
5. Technician Time Sampling	\$57.75	hour	4	\$231.00
6. Field Density Test - Parking Area	\$24.75	each	6	\$148.50
7. Technician Time - Density Testing - Parking Lot	\$67.00	hour	8	\$536.00
8. Vehicle Travel Charge	\$53.00	trip	6	\$318.00
Subtotal				\$2,108.50
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	ln.-ln.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration(Markup of Invoiced Billing Cycle)	10%			\$375.52
Subtotal				\$375.52
			GRAND TOTAL	\$4,130.76

Proposal No.: PMD18-078-00 (Revised 3)
 February 25, 2020

CONSTRUCTION MATERIALS TESTING UNIT RATES
GARZA AVENUE

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	9	\$630.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	3	\$1,005.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	3	\$366.00
4. Nuclear Densities	\$24.75	each	12	\$297.00
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	4	\$478.00
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	in.-in.	36	\$222.48
e.) Core Density	\$27.75	each	6	\$166.50
6. Vehicle Travel Charge	\$53.00	trip	4	\$212.00
Subtotal				\$3,623.48
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$362.35
Subtotal				\$362.35
			GRAND TOTAL	\$3,985.83

EXHIBIT B

Modified Work Schedule

Will conduct material testing as soon as the Contractor/Engineer begins calling for Construction material testing. Duration of schedule will depend on contractor schedule as well as means and methods. RKCI has assumed the following amount of trips for street:

- King Avenue (About)
 - 2 trips
- 1st Street (About)
 - 2 trips
- 2nd Street (About)
 - 2 Trips
- 3rd Street (About)
 - 2 trips
- 4th Street (About)
 - 2 Trips
- 5th Street (About)
 - 8 Trips
- Garza Avenue (About)
 - 4 Trips



EXHIBIT C



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

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

Proposal No.: PMD18-078-00 (Revised 3)
February 25, 2020

Ms. Guadalupe V. Garcia, Coordinayor II
Hidalgo County Urban County Program
1916 Tesoro Street
Pharr, Hidalgo County, Texas 78577

**RE: Proposal for Construction Materials Observation and Testing Services
City of La Joya Street Improvements
King Ave., 1st ST., 2nd ST., 3RD ST., 4th ST., 5th ST., and Garza Ave.
La Joya, Hidalgo County, Texas**

Dear Ms. Garcia:

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

Our opinion of probable cost of services for this project is:

King Avenue:	\$ 1,970.09
1st Street:	\$ 1,811.41
2nd Street:	\$ 1,811.41
3rd Street:	\$ 1,811.41
4th Street:	\$ 1,811.41
5th Street:	\$ 4,130.76
<u>Garza Avenue:</u>	<u>\$ 3,985.83</u>
Grand Total:	\$17,332.32

Our proposed scope of services and estimated item quantities are based upon our interpretation of the project plans provided to us via electronic-mail attachment from Mr. Carlos Treviño, with Hinojosa Engineering, L.L.C., the project's consulting engineering firm on Wednesday, July 18, 2018, and are without the aid of the general contractor's schedule. Please note that this proposal was updated as per the request of Ms. Guadalupe V. Garcia, Coordinator II, with Hidalgo County Urban County Program. 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

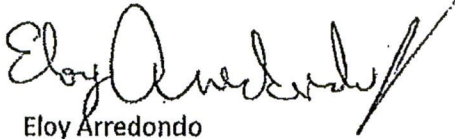


event that the State of Texas legislates a sales tax on professional services, the amount of tax applicable will be added to the appropriate service rate charged by **RKCI**.

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.



Eloy Arredondo
Supervisor, CME

EA/WP

Attachments: Basic Charges

Copies submitted: Above (1)

Accepted By _____
(Signature)

(Typed or Printed Name)

(Title)

Date _____



Exhibit D

HIDALGO COUNTY UCP Professional Engineering Services

WORK AUTHORIZATION NO. 2

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 1 of the Agreement made by and between **HIDALGO COUNTY**, acting herein 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 **Engineer** to provide Professional Engineering –Material Testing Services for the City of La Joya 2017 Street Improvements Project.

The scope of services to be provided by the **Owner** is identified in *EXHIBIT "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 *EXHIBIT "B" – Scope of Services to be Provided by the Engineer* attached hereto.

PART 2. CONTRACT AMOUNT

The estimated cost for services under this Work Authorization is **\$16,813.23**. This amount is based upon the costs outlined in the **Contract Amount** attached hereto as **EXHIBIT "D"**.

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 5** of the Agreement.

PART 4. FUNDING

This Work Authorization No. 2 shall be funded through funding source:

Account No. 5017-40-0311-5000-4000

Requisition/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 scopes of the work authorization within the contract limits of two (2) years from approval of contract.

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 Interim Director**, as to content and detail of this **Work Authorization No. 2**.

**HIDALGO COUNTY
URBAN COUNTY PROGRAM**

BY: _____

Interim Director

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on **March 10, 2020** as indicated below and effective as of **10th day of March, 2020**.

THE ENGINEER:
RABA KISTNER CONSULTANTS, INC.

THE OWNER:
HIDALGO COUNTY

By: Ricardo Hinojosa, P.E.

By: Richard F. Cortez, County Judge

ATTEST:

BY: _____
Arturo Guajardo, Jr., County Clerk

LIST OF ATTACHMENTS

ATTACHMENT "A" - Service to be provided by the Owner
ATTACHMENT "B" - Services to be provided by the Engineer
ATTACHMENT "C" - Work Schedule
ATTACHMENT "D" - Contract Amount

HIDALGO COUNTY UCP
Professional Engineering Services- Material Testing

3:45	FILED	
AT	O'CLOCK	P
APR 28 2020		
ARTURO GUAJARDO, JR. COUNTY CLERK HIDALGO COUNTY, TEXAS		
BY	<i>[Signature]</i>	DEPUTY

WORK AUTHORIZATION NO. 2

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 1 of the Agreement made by and between **HIDALGO COUNTY**, acting herein 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 **Engineer** to provide **Professional Engineering –Material Testing Services for the City of La Joya 2017 Street Improvements Project.**

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

PART 2. CONTRACT AMOUNT

The estimated cost for services under this Work Authorization is **\$16,813.23**. This amount is based upon the costs outlined in the **Contract Amount** attached hereto as **EXHIBIT “D”**.

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 5** of the Agreement.

PART 4. FUNDING

This Work Authorization No. 2 shall be funded through funding source:
Account No. **5017-40-0311-5000-4000**
Requisition/Purchase Order Number **10307** (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 within the contract limits of two (2) years from approval of contract.**

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 Interim Director**, as to content and detail of this **Work Authorization No. 2**.

**HIDALGO COUNTY
URBAN COUNTY PROGRAM**

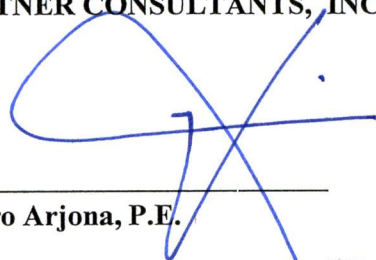
BY: 
PR Avila, UCP Director

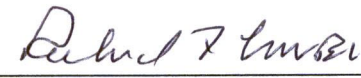
PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on **March 10, 2020** as indicated below and effective as of **10th day of March, 2020**.

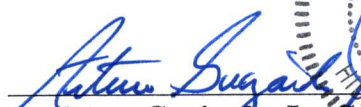
**THE ENGINEER:
RABA KISTNER CONSULTANTS, INC.**

**THE OWNER:
HIDALGO COUNTY**


By: **Isidoro Arjona, P.E.**


By: **Richard F. Cortez, County Judge**

ATTEST:

BY: 
Arturo Guajardo, Jr., County Clerk



APPROVED BY
COMMISSIONERS' COURT
ON: 3/10/20 mg

LIST OF ATTACHMENTS

- ATTACHMENT "A" - Service to be provided by the Owner
- ATTACHMENT "B" - Services to be provided by the Engineer
- ATTACHMENT "C" - Work Schedule
- ATTACHMENT "D" - Contract Amount

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 (as defined and more particularly identified on Exhibit "A attached to this Agreement).

General:

The Owner will provide to the Engineer the following:

- 1) Provide authorization to proceed with services on project by project basis through consulting design and construction Engineer.
- 2) Payment for work performed by the Engineer and accepted by the Owner in accordance with Article 3 of this 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 Exhibit A attached to this agreement.
- 6) Attend and participate in progress meetings as required and as coordinated and conducted by Engineer.

Proposal No.: PMD18-078-00 (Revised 3)
 February 25, 2020

EXHIBIT B

CONSTRUCTION MATERIALS TESTING UNIT RATES
KING AVENUE

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	4	\$99.00
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	4	\$478.00
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	ln.-ln.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,790.99
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration(Markup of Invoiced Billing Cycle)	10%			\$179.10
Subtotal				\$179.10
			GRAND TOTAL	\$1,970.09

Proposal No.: PMD18-078-00 (Revised 3)
 February 25, 2020

CONSTRUCTION MATERIALS TESTING UNIT RATES
1ST STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	in.-in.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$164.67
Subtotal				\$164.67
			GRAND TOTAL	\$1,811.41

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CONSTRUCTION MATERIALS TESTING UNIT RATES
2ND STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	ln.-ln.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration(Markup of Invoiced Billing Cycle)	10%			\$164.67
Subtotal				\$164.67
			GRAND TOTAL	\$1,811.41

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CONSTRUCTION MATERIALS TESTING UNIT RATES

3RD STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	in.-in.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration(Markup of Invoiced Billing Cycle)	10%			\$164.67
Subtotal				\$164.67
			GRAND TOTAL	\$1,811.41

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CONSTRUCTION MATERIALS TESTING UNIT RATES
4th STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	ln.-ln.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
1. Project Coordination	\$110.00	hour	As requested	
2. Geotechnical / Materials Engineer	\$165.00	each	As requested	
3. Vehicle Travel Charge	\$46.75	trip	As requested	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$164.67
Subtotal				\$164.67
			GRAND TOTAL	\$1,811.41

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CONSTRUCTION MATERIALS TESTING UNIT RATES
5th STREET

SERVICE	UNIT RATE		QUANTITY	TOTAL
Earthwork:				
1. Moisture-Density Relationship (Proctor)	\$271.50	each	2	\$543.00
2. Atterberg Limits Determinations (P.I.) (ASTM/AASHTO)	\$99.00	each	2	\$198.00
3. Sieve Analysis -200	\$67.00	each	1	\$67.00
4. Sieve Analysis - Flexible Base Material	\$67.00	each	1	\$67.00
5. Technician Time Sampling	\$57.75	hour	4	\$231.00
6. Field Density Test - Parking Area	\$24.75	each	6	\$148.50
7. Technician Time - Density Testing - Parking Lot	\$67.00	hour	8	\$536.00
8. Vehicle Travel Charge	\$53.00	trip	6	\$318.00
Subtotal				\$2,108.50
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	3	\$210.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	1	\$335.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	1	\$122.00
4. Nuclear Densities	\$24.75	each	3	\$74.25
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	3	\$358.50
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	in.-in.	18	\$111.24
e.) Core Density	\$27.75	each	3	\$83.25
6. Vehicle Travel Charge	\$53.00	trip	2	\$106.00
Subtotal				\$1,646.74
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$375.52
Subtotal				\$375.52
			GRAND TOTAL	\$4,130.76

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CONSTRUCTION MATERIALS TESTING UNIT RATES
GARZA AVENUE

SERVICE	UNIT RATE		QUANTITY	TOTAL
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$70.00	hour	9	\$630.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$335.00	each	3	\$1,005.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$122.00	each	3	\$366.00
4. Nuclear Densities	\$24.75	each	12	\$297.00
5. Asphaltic Concrete Coring:				
a.) Two Men	\$119.50	hour	4	\$478.00
b.) Coring Rig	\$134.00	day	1	\$134.00
c.) Generator	\$112.50	day	1	\$112.50
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.18	in.-in.	36	\$222.48
e.) Core Density	\$27.75	each	6	\$166.50
6. Vehicle Travel Charge	\$53.00	trip	4	\$212.00
Subtotal				\$3,623.48
Professional Services:				
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	
Subtotal				
Other:				
1. Project Administration (Markup of Invoiced Billing Cycle)	10%			\$362.35
Subtotal				\$362.35
			GRAND TOTAL	\$3,985.83

EXHIBIT C

Modified Work Schedule

Will conduct material testing as soon as the Contractor/Engineer begins calling for Construction material testing. Duration of schedule will depend on contractor schedule as well as means and methods. RKCI has assumed the following amount of trips for street:

- King Avenue (About)
 - 2 trips
- 1st Street (About)
 - 2 trips
- 2nd Street (About)
 - 2 Trips
- 3rd Street(About)
 - 2 trips
- 4th Street (About)
 - 2 Trips
- 5th Street (About)
 - 8 Trips
- Garza Avenue (About)
 - 4 Trips

EXHIBIT D



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

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

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February 25, 2020

Ms. Guadalupe V. Garcia, Coordinayor II
Hidalgo County Urban County Program
1916 Tesoro Street
Pharr, Hidalgo County, Texas 78577

**RE: Proposal for Construction Materials Observation and Testing Services
City of La Joya Street Improvements
King Ave., 1st ST., 2nd ST., 3rd ST., 4th ST., 5th ST., and Garza Ave.
La Joya, Hidalgo County, Texas**

Dear Ms. Garcia:

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

Our opinion of probable cost of services for this project is:

King Avenue:	\$ 1,970.09
1 st Street:	\$ 1,811.41
2 nd Street:	\$ 1,811.41
3 rd Street:	\$ 1,811.41
4 th Street:	\$ 1,811.41
5 th Street:	\$ 4,130.76
<u>Garza Avenue:</u>	<u>\$ 3,985.83</u>
Grand Total:	\$17,332.32

Our proposed scope of services and estimated item quantities are based upon our interpretation of the project plans provided to us via electronic-mail attachment from Mr. Carlos Treviño, with Hinojosa Engineering, LLC., the project's consulting engineering firm on Wednesday, July 18, 2018, and are without the aid of the general contractor's schedule. Please note that this proposal was updated as per the request of Ms. Guadalupe V. Garcia, Coordinator II, with Hidalgo County Urban County Program. 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.



Eloy Arredondo
Supervisor, CME

EA/WP

Attachments: Basic Charges

Copies submitted: Above (1)

Accepted By _____
(Signature)

(Typed or Printed Name)

(Title)

Date _____

