

Proposal No.: PMD13-066-00 EXHIBIT "D"
May 24, 2013

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

P 956 :: 682 :: 5332
F 956 :: 682 :: 5487
TBPE Firm F-3257

Mr. Agapito Vargas, Executive Director
Hidalgo County Pct. No. 2
300 West Hall Acres, Suite G
Pharr, Texas 78577

**RE: Construction Materials Observation and Testing Services
Hidalgo County Pct. No. 2 – Thomas Road Improvements 2012
Pharr, Hidalgo County, Texas**

Dear Mr. Vargas:

Raba Kistner Consultants, Inc. (RKCI) is pleased to have been selected to provide Construction Materials Observation and Testing Services for the above referenced project.

Our opinion of probable cost of services for this project is **\$7,792.07**.

Our proposed scope of services and estimated item quantities are based upon our interpretation of the project drawings received via electronic-mail transmittal from Mr. Javier Martinez, Jr., E.I.T. with R. Gutierrez Engineering Corporation, the project's civil engineering firm, on Wednesday, May 22, 2013, and are without the aid of the general contractor's schedule. The scope and quantity of services provided will be dependent upon services actually required by you or your representatives. Charges will be assessed only for actual services rendered. All services authorized or requested by you 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 Hidalgo 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**.

INVOICE RECEIVED BY: [Signature] ON 5/24/13
GOODS/SERVICES RECEIVED BY: _____ ON _____

May 24, 2013

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.


Dennis C. Charkow
Supervisor, CME

DCC/rs
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 \$ 45.00/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
Hidalgo County Pct. No. 2 – Thomas Road Improvements 2012
Pharr, Hidalgo County, Texas

SERVICE	UNIT RATE		QUANTITY	TOTAL
Civil Earthwork:				
1. Moisture-Density Relationship (Proctor)	\$214.75	each	3	\$644.25
2. Atterberg Limits Determinations (P.I.) (ASTM/AASHTO)	\$78.25	each	3	\$234.75
3. Sieve Analysis -200	\$53.00	each	2	\$106.00
4. Sieve Analysis - Flexible Base Material	\$53.00	each	1	\$53.00
5. Technician Time Sampling	\$46.00	hour	6	\$276.00
6. Lime Series Cuve Determination Including Five pH Determinations	\$385.00	each	1	\$385.00
7. Field Density Test - Roadway (Assume 1 Desnity / 200 In.ft. Roadway. S-G/F-B)	\$19.75	each	30	\$592.50
8. Technician Time - Density Testing - Roadway	\$46.00	hour	20	\$920.00
9. Utility Backfill Field Density Test	\$19.75	each	8	\$158.00
10. Technician Time - Density Testing - Utility Backfill	\$46.00	hour	8	\$368.00
11. Vehicle Travel Charge	\$45.00	trip	17	\$765.00
Subtotal				\$4,502.50
Concrete: Civil Work				
1. Concrete Compressive Strength Tests	\$14.50	each	10	\$145.00
2. Technician Time - Concrete Testing	\$46.00	hour	4	\$184.00
3. Air Content of Concrete	\$27.00	each	2	\$54.00
4. Technician Time - Pick-Up of Specimen(s)	\$46.00	hour	2	\$92.00
5. Vehicle Travel Charge	\$45.00	trip	3	\$135.00
Subtotal				\$610.00
Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$55.00	hour	10	\$550.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$265.00	each	2	\$530.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$97.00	each	2	\$194.00
4. Asphaltic Concrete Coring: (Assume 6 Cores)				
a.) Two Men	\$94.50	hour	2	\$189.00
b.) Coring Rig	\$105.75	day	1	\$105.75
c.) Generator	\$89.25	day	1	\$89.25
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$4.95	in.-in.	36	\$178.20
5. Vehicle Travel Charge	\$45.00	trip	3	\$135.00
Subtotal				\$1,971.20
Other:				
1. Project Administration(Markup of Invoiced Billing Cycle)	10%			\$708.37
Subtotal				\$708.37
			GRAND TOTAL	\$7,792.07



HIDALGO COUNTY
Professional Construction Material Testing laboratory Services
Agreement # C-12-212-09-11.
Work Authorization Form

WORK AUTHORIZATION NO. 4

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 **Commissioners' Court**, hereinafter called the "**Owner**," and, RABA KISTNER Consultants, Inc. Professional Laboratories of McAllen, Texas, hereinafter called "**Laboratory**".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the Laboratory to provide Construction Material Testing for the Thomas Road Improvements 2012 – Pharr, Hidalgo County, Texas.

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 **Laboratory** is identified in *EXHIBIT "B" – Scope of Services to be Provided by the Laboratory* attached hereto.

PART 2. ESTIMATED COST

The estimated cost for the services under this Work Authorization is \$7,792.07. This amount is based upon the costs outlined in the Estimated Cost Proposal hereto as *EXHIBIT "D"*.

PART 3. PAYMENT

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

PART 4. FUNDING

This Work Authorization No. 1 shall be funded through funding source:

Account No. 3-1200-431-00-122-083-0-731

Requisition Number #237463 (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**.

WA 4

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by Hidalgo County Precinct No 2 Commissioner Hector "Tito" Palacios as to content and detail of this Work Authorization No 4.

**HIDALGO COUNTY
COMMISSIONER PRECINCT NO 2**

BY: _____

PART 8 ACCEPTANCES AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on _____ as indicated below and effective as of _____ day of _____, 2011.

THE LABORATORY:
RABA KISTNER Consultants, Inc.


BY: Dennis C. Charkow

**THE OWNER:
HIDALGO COUNTY**

Ramon Garcia, County Judge

ATTEST:

Arturo Guajardo Jr., County Clerk