



Proposal No.: PMD13-123-00 **EXHIBIT "D"**
October 8, 2013

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

Ms. Diana Serna, Executive Director
Hidalgo County Urban County Program
427 East Duranta Avenue, Suite 107
Alamo, Texas 78516

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

**RE: Construction Materials Observation and Testing Services
GLO Project Southfork Drainage Lateral Improvements 2013
San Juan, Hidalgo County, Texas**

Dear Ms. Serna:

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 **\$48,834.23**.

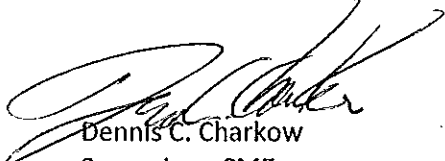
Our proposed scope of services and estimated item quantities are based upon our interpretation of the project drawings and specifications received during our visit to the office of R. Gutierrez Engineering Corporation, the project's civil engineering firm, on Wednesday, August 14, 2013, and are without 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.

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**.

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
I- Standard Terms and Conditions
II- Schedules of Fees

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
GLO Project Southfork Drainage Lateral Improvements 2013
San Juan, Hidalgo County, Texas

SERVICE	UNIT RATE		QUANTITY	TOTAL
Utility Backfill Earthwork:				
1. Moisture-Density Relationship (Proctor)	\$214.75	each	10	\$2,147.50
2. Atterberg Limits Determinations (P.I.) (ASTM/AASHTO)	\$78.25	each	10	\$782.50
3. Sieve Analysis -200	\$53.00	each	10	\$530.00
4. Technician Time Sampling	\$46.00	hour	20	\$920.00
5. Field Density Test - Utility Backfill	\$19.75	each	435	\$8,591.25
6. Technician Time - Density Testing - Utility Backfill	\$46.00	hour	258	\$11,868.00
7. Vehicle Travel Charge	\$45.00	trip	96	\$4,320.00
Subtotal				\$29,159.25
Concrete:				
1. Concrete Compressive Strength Tests	\$14.50	each	135	\$1,957.50
2. Technician Time - Concrete Testing	\$46.00	hour	93	\$4,278.00
3. Air Content of Concrete	\$27.00	each	37	\$999.00
4. Technician Time - Pick-Up of Specimen(s)	\$46.00	hour	60	\$2,760.00
5. Vehicle Travel Charge	\$45.00	trip	60	\$2,700.00
Subtotal				\$12,694.50
Asphalt				
1. Asphaltic Concrete Laydown Observation	\$55.00	hour	24	\$1,320.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$265.00	each	3	\$795.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$97.00	each	3	\$291.00
4. Vehicle Travel Charge	\$45.00	trip	3	\$135.00
Subtotal				\$2,541.00
Other:				
1. Project Administration(Markup of Invoiced Billing Cycle)	10%			\$4,439.48
Subtotal				\$4,439.48
GRAND TOTAL				\$48,834.23

Fees for Consulting & Coordination Services

	<u>Unit Fees</u>
Principal Engineer	\$..... 135.00 to 250.00/hr
Managing Engineer.....	95.00 to 200.00/hr
Staff Engineer	70.00 to 200.00/hr
Laboratory Manager.....	65.00 to 150.00/hr
Construction Services Manager	65.00 to 90.00/hr
Outside Professional Services & Reimbursable	Cost +15%
Additional Insured	160.00/ea
Report Preparation and Administration.....	38.00 to 75.00/hr



PROJECT DATA SHEET

Project Name: _____

Client Project No: _____ **Purchase Order No.:** _____

Invoicing Information: **Company Name:** _____

Address: _____

Attention: _____

Report Distribution Information (Please provide required report distribution and requested number of copies of each)

No. Copies () _____

Contact: _____ **e-mail:** _____

Phone No.: _____ **Fax No.:** _____

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