



Attachment "A"- EXHIBIT "C"

Project Specific Scope of Services
to be provided by Engineer

Proposal No.: PMD21-109-00
September 17, 2021

Mrs. Ellie Torres, Commissioner
Hidalgo County Commissioner Pct. 4
1051 N. Doolittle Rd.
Edinburg, Hidalgo County, Texas

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

**RE: Proposal for Construction Materials Observation and Testing
Hidalgo County Pct. 4 – New Justice Center
1212 South 25th Avenue
Edinburg, Hidalgo County, Texas**

Dear Mrs. Torres:

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: **\$60,367.18**

Our proposed scope of services and estimated item quantities are based upon our interpretation of the project plans and specifications provided to us via electronic-mail dropbox link from Mr. Jamie Cortez, Contract Specialist III with Hidalgo County Purchasing Department on Wednesday, September 15, 2021, 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 Nos. 4 and 5 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**.



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.



Edwin Manrique, EIT
Graduate Engineer

WP/EM

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) _____ 1.0 /hour(s)

Vehicle Trip Charge _____ \$53.00/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
NEW JUSTICE CENTER

SERVICE	UNIT RATE		QUANTITY	TOTAL
Earthwork:				
1. Moisture-Density Relationship (Proctor)	\$263.50	each	5	\$1,317.50
2. Atterberg Limits Determinations (P.I.) (ASTM/AASHTO)	\$96.25	each	5	\$481.25
3. Sieve Analysis -200	\$65.00	each	4	\$260.00
4. Sieve Analysis - Flexible Base Material	\$65.00	each	1	\$65.00
5. Technician Time Sampling	\$56.00	hour	10	\$560.00
6. Field Density Test - Utility - Sanitary Sewer	\$24.00	each	27	\$648.00
7. Technician Time - Density Testing - Utility - Sanitary Sewer	\$56.00	hour	46	\$2,576.00
8. Field Density Test - Utility - Water	\$24.00	each	16	\$384.00
9. Technician Time - Density Testing - Utility - Water	\$56.00	hour	24	\$1,344.00
10. Field Density Test - Utility - Storm Sewer	\$24.00	each	46	\$1,104.00
11. Technician Time - Density Testing - Storm Sewer	\$56.00	hour	92	\$5,152.00
12. Field Density Test - Utility - Inside Pad	\$24.00	each	24	\$576.00
13. Technician Time - Density Testing - Inside Pad	\$26.00	hour	24	\$624.00
14. Field Density Test - Pavement	\$24.00	each	18	\$432.00
15. Technician Time - Density Testing - Pavement	\$56.00	hour	12	\$672.00
16. Field Density Test - Building Pad	\$24.00	each	58	\$1,392.00
17. Technician Time - Density Testing - Building Pad	\$56.00	hour	34	\$1,904.00
18. Proof Rolling Observations	\$56.00	hour	2	\$112.00
19. Vehicle Travel Charge	\$53.00	trip	123	\$6,519.00
Subtotal				\$26,122.75
Concrete: Civil				
1. Concrete Compressive Strength Tests	\$17.50	each	60	\$1,050.00
2. Technician Time - Concrete Testing	\$56.00	hour	24	\$1,344.00
3. Air Content of Concrete	\$33.00	each	12	\$396.00
4. Technician Time - Pick-Up of Specimen(s)	\$56.00	hour	24	\$1,344.00
5. Vehicle Travel Charge	\$53.00	trip	24	\$1,272.00
Subtotal				\$5,406.00
Concrete: Building Pad				
1. Concrete Compressive Strength Tests	\$17.50	each	35	\$612.50
2. Technician Time - Concrete Testing	\$56.00	hour	22	\$1,232.00
3. Air Content of Concrete	\$33.00	each	7	\$231.00
4. Technician Time - Pick-Up of Specimen(s)	\$56.00	hour	14	\$784.00
5. Vehicle Travel Charge	\$53.00	trip	14	\$742.00
Subtotal				\$3,601.50
Footing Observation: Assume 10 per day production				
1. Observation - Technician Time	\$56.00	hour	16	\$896.00
2. Air Content of Concrete	\$33.00	each	2	\$66.00
3. Cylinders Cast in Conjunction with Observation	\$17.50	each	10	\$175.00
4. Technician Time - Pick-Up of Specimen(s)	\$56.00	hour	4	\$224.00
5. Vehicle Travel Charge	\$53.00	trip	4	\$212.00
Subtotal				\$1,573.00
Reinforcing Steel:				
1. Reinforcing Steel Observation	\$56.00	hour	18	\$1,008.00
2. Vehicle Travel Charge	\$53.00	trip	9	\$477.00
Subtotal				\$1,485.00

RATES CONTINUE ON PAGE 5



CONSTRUCTION MATERIALS TESTING UNIT RATES
NEW JUSTICE CENTER

Asphalt:				
1. Asphaltic Concrete Laydown Observation	\$68.00	hour	8	\$544.00
2. Extraction, Gradation, Bitumen Content and Laboratory Density of Asphaltic Concrete	\$325.50	each	2	\$651.00
3. Maximum Theoretical Specific Gravity of Asphalt	\$119.00	each	2	\$238.00
4. Nuclear Densities	\$18.75	each	14	\$262.50
5. Asphaltic Concrete Coring:				
a.) Two Men	\$116.00	hour	4	\$464.00
b.) Coring Rig	\$130.00	day	1	\$130.00
c.) Generator	\$109.25	day	1	\$109.25
d.) Bit Wear - Quartz Aggregate (River Gravel)	\$6.00	in.-in.	40	\$240.00
e.) Core Density (1 Core per 5000 sqft)	\$25.25	each	5	\$126.25
6. Vehicle Travel Charge	\$53.00	trip	3	\$159.00
Subtotal				\$2,924.00
Masonry Building Pad				
1. Masonry Observation	\$71.50	hour	30	\$2,145.00
2. Motar/Grout Compression Strength Testing	\$20.75	each	50	\$1,037.50
3. Technician Time - Pick-Up of Specimen(s)	\$56.00	hour	20	\$1,120.00
4. Vehicle Travel Charge	\$53.00	trip	20	\$1,060.00
Subtotal				\$5,362.50
Masonry Dumpster - Mechanical Pad				
1. Masonry Observation	\$71.50	hour	12	\$858.00
2. Motar/Grout Compression Strength Testing	\$20.75	each	20	\$415.00
3. Technician Time - Pick-Up of Specimen(s)	\$56.00	hour	8	\$448.00
4. Vehicle Travel Charge	\$53.00	trip	8	\$424.00
Subtotal				\$2,145.00
Structural Steel Observation:				
1. Structural Steel Observation/Bolts and Weld Certified Welding Inspector	\$128.50	hour	45	\$5,782.50
2. Non- Destructive Testing (Radiographic/Ultrasonic)	Cost + 15%		As requested	
3. Vehicle Travel Charge	\$53.00	trip	9	\$477.00
Subtotal				\$6,259.50
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				\$0.00
Other:				
1. Project Administration(Markup of Invoiced Billing Cycle)	10%			\$5,487.93
Subtotal				\$5,487.93
			GRAND TOTAL	\$60,367.18



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)

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