

December 3, 2013
Precinct #3 Sub-Courthouse
TSIT Proposal P13215
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We appreciate the opportunity to provide this proposal. We feel that we could be an asset to your construction team if we are selected to provide the CMET services. If you have any questions do not hesitate to me with any questions.

Sincerely,

T. Smith Testing & Inspection, LLC.
Firm Registration F-5278



Kemp E. Akeman, P.E.
Principal Engineer

Attachment: Estimate of Testing Costs

Confirmed/Agreed to this 23rd day of December, 2013

Company: Johson County By: 

Title: County Judge Printed: Roger Harmon

T. Smith Inspection & Testing, LLC.
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★
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**ESTIMATE OF FEES
FOR
CONSTRUCTION MATERIALS TESTING SERVICES
Precinct #3 Sub-Courthouse
Alvarado, Texas
TSIT Proposal P13215**

SERVICE	Unit Rate	Units	Unit Cost
SOILS			
Soil Testing (hourly)	\$40.00	64	\$2,560.00
Soil Testing Overtime (hourly)	\$60.00	18	\$1,080.00
Moisture Density Relations ASTM D-698 (each)	\$150.00	16	\$2,400.00
Minus #200 Sieve	\$40.00	6	\$240.00
Atterberg Limits (each)	\$50.00	6	\$300.00
Nuclear Gauge, per day	\$35.00	16	\$560.00
PIERS			
Pier Inspection (regular time, hourly)	\$45.00	32	\$1,440.00
Pier Inspection (Overtime, hourly)	\$67.50	16	\$1,080.00
Concrete Cylinders (each)	\$15.00	20	\$300.00
Project Engineer	\$99.00	4	\$396.00
CONCRETE and REBAR			
Concrete Inspection (hourly)	\$40.00	86	\$3,440.00
Concrete Inspection Overtime (hourly)	\$60.00	20	\$1,200.00
Concrete Cylinders (each)	\$15.00	120	\$1,800.00
Assumptions: One (1) set of 5 concrete cylinders per 100 cubic yards of concrete placed for bldg and 150 cy for site.			
STRUCTURAL CONNECTIONS			
CWI Inspector, min 5 hours per trip (regular time, hourly)	\$55.00	10	\$550.00
CWI Inspector (overtime, hourly)	\$82.50	0	\$0.00
UT Inspection (regular time, hourly)	\$60.00	0	\$0.00
TRAVEL			
Trip Charge (each)	\$40.00	52	\$2,080.00
PROJECT MANAGEMENT			
Special Inspection Completion Letter, each	\$250.00	0	\$0.00
Project Management (hourly)	\$99.00	18	\$1,782.00
Note: Project Management time is billed as time for reviewing reports, coordination, and consultation.			
ESTIMATED BUDGET:			\$21,208.00



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<u>SERVICE</u>	<u>Unit Rate</u>	<u>Units</u>	<u>Unit Cost</u>
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NOTES:

- 1) This proposal and estimated cost is based on an anticipated construction schedule. Invoices will be based on actual time spent on the project, charged at the quoted unit prices.
- 2) Overtime rates of 1.5 times the regular hourly rate will be charged for hours worked over 8 hours, before 7AM or after 5 PM on Monday thru Friday or on Saturdays and Sundays. Services provided on recognized holidays will be billed at 2.0 times the regular hourly rate.
- 3) All services billed at a hourly rate and charged at the applicable rate, portal-to-portal, 2 hour minimum other than structural inspections which are 5 hour minimums.
- 4) Additional test not specified in this proposal will be quoted upon request.
- 5) The estimated units above do not include stand-by-time for contractor non-readiness or retests of previously failing tests.
- 6) All services are provided on an as requested basis.

ASSUMPTIONS:

- 1) This proposal was based on information provided from review of plans and specifications.
- 2) We estimated 16 trips to the site to conduct density tests on general fill, moisture condition fill, select fill, utility backfill and grade beam backfill, We budgeted 2 trips for proctor pickup
- 3) We have assumed 4 days for pier drilling, 12 hours per day.
- 6) We have assumed four concrete placements will be required for the concrete fire lanes and general pavement and three placements for flatwork and ramps.
- 7) We have assumed one pour for the builing pads requirng two sets (5 cylinders per set).
- 8) We have assumed six pours for grade beams (5 cylinders per pour).
- 9) We have assumed two trips of the metal building compents will be required.
- 10) We have assumed no special inspection services are required.
- 11) Cylinders based on 5 cylinders per set per ASTM criteria of three tests at 28 days for 4" diameter cylinders