

December 3, 2013

Johnson County, Texas 2 N. Main Street Cleburne, Texas 76033

Attn: Judge Roger Harmon

Re: CMET Services for Precinct 3 Sub-Courthouse

206 N. Baugh Street Alvarado, Texas TSIT Proposal P13215

Judge Harmon:

T. Smith Testing & Inspection, LLC appreciates this opportunity to submit this budgetary estimate of fees for Construction Material Engineering Testing and Observation Services on the above referenced project. This estimate is based on our conversation this morning on services anticipated for the type of structure and location. We anticipate:

- · Observation and testing of site proof roll, site fill, utilities and pavement subgrade
- Moisture condition replacement of six feet of fill under the buildings with select fill cap
- Observation of drilled piers
- Testing of structural concrete placements to include reinforcing steel placement observation
- Observation of structural connections
- Testing of concrete for pavement and flatwork.

Our budgetary estimate for this project is \$ 21,208.00. Please note that this is our estimate of your subcontractor's efficiencies in scheduling and the email quantities. You will only be charged for the actual time and tests performed in accordance with this proposal. A breakdown of our budgetary estimate is attached

T. Smith Inspection & Testing, LLC.

7473 Airport Freeway Ft. Worth, TX 76118



2211 Century Center Blvd. #101 Irving, TX 75062

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December 3, 2013 Precinct #3 Sub-Courthouse TSIT Proposal P13215 Page 2

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: Johnson County By: Bossel Harmon

Title: County Judge Printed: Roger Warnen

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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 Co
SOILS			
Soil Testing (hourly)	\$40.00	64	\$2,560.0
Soil Testing Overtime (hourly)	\$60.00	18	\$1,080.0
Moisture Density Relations ASTM D-698 (each)	\$150.00	16	\$2,400.0
Minus #200 Sieve	\$40.00	6	\$240.0
Atterberg Limits (each)	\$50.00	6	\$300.0
Nuclear Gauge, per day	\$35.00	16	\$560.0
PIERS			
Pier Inspection (regular time, hourly)	\$45.00	32	\$1,440.0
Pier Inspection (Overtime, hourly)	\$67.50	16	\$1,080.0
Concrete Cylinders (each)	\$15.00	20	\$300.0
Project Engineer	\$99.00	4	\$396.0
CONCRETE and REBAR			
Concrete Inspection (hourly)	\$40.00	86	\$3,440.0
Concrete Inspection Overtime (hourly)	\$60.00	20	\$1,200.0
Concrete Cylinders (each)	\$15.00	120	\$1,800.0
Assumptions: One (1) set of 5 concrete cylinders per 100 cubic yards of cylinders per 100 cub	concrete placed for bldg	and 150 cy for si	ite.
STRUCTURAL CONNECTIONS			
CWI Inspector, min 5 hours per trip (regular time, hourly)	\$55.00	10	\$550.0
CWI Inspector (overtime, hourly)	\$82.50	0	\$0.0
UT Inspection (regular time, hourly)	\$60.00	0	\$0.0
FRAVEL			
Trip Charge (each)	\$40.00	52	\$2,080.0
PROJECT MANAGEMENT			
Special Inspection Completion Letter, each	\$250.00	0	\$0.0
roject Management (hourly)	\$99.00	18	\$1,782.0
lote: Project Management time is billed as time for reviewing reports, coord	lination, and consultation		÷ 1,7 32.0
ESTIMATED BUDGET:		Thirt and	\$21,208.0



ESTIMATE OF FEES FOR

CONSTRUCTION MATERIALS TESTING SERVICES

Precinct #3 Sub-Courthouse Alvarado, Texas TSIT Proposal P13215

SERVICE

Unit Rate

Units

Unit Cost

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 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.
- 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 requiring 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