



- GEOTECHNICAL ENGINEERING
- ENVIRONMENTAL CONSULTING
- CONSTRUCTION MATERIALS ENGINEERING AND TESTING

June 21, 2013

Mr. Keith Marvin, P.E.
Civil Engineer
City of Coppell
255 Parkway Boulevard
Coppell, Texas 75019

Phn: (972) 304-3562
Email: kmarvin@coppelltx.gov

Re: West Sandy Lake Road Phase 2A & 2B
Coppell, Texas
Engineering Inspection & Testing Services
AGG Proposal No: P13-0617C

Dear Mr. Marvin:


Alliance Geotechnical Group (AGG) is pleased to confirm our firm's interest in providing materials inspection and testing services for the proposed West Sandy Lake Road project noted above. A schedule of unit fees for this project is attached.

After reviewing our fee schedule if you have any questions, please contact the undersigned at (972) 444-8889. If acceptable, please sign below and fax back to our office as our Authorization to Proceed. We look forward to the opportunity of working with you on this project.

Respectfully submitted,

ALLIANCE GEOTECHNICAL GROUP


Perry Kakara, S.E.T.
CME Department Manager


Robert P. Nance
President

Approved by: _____
Signature

Date: _____



SCHEDULE OF FEES
FOR
CONSTRUCTION MATERIALS ENGINEERING & TESTING
WEST SANDY LAKE ROAD PH. 2A & 2B, TEXAS AGG PROPOSAL NO.: P13-0617C

| DESCRIPTION OF SERVICES | QUANTITY | UNIT FEE | UNIT | FEE |
|--|----------|--------------|------------------|--------------------|
| A. STRUCTURAL BACKFILL TESTING & INSPECTION | | | | |
| • Moisture/Density Relationship of Soils (ASTM D-698) | 14 | @ \$150.00 | each | \$2,100.00 |
| • Moisture/Density Relationship of Soils (ASTM D 1557) | 0 | @ \$175.00 | each | \$0.00 |
| • Atterberg Limits | 6 | @ \$50.00 | each | \$300.00 |
| • Retaining Wall Fill In-Place Density Test | 290 | @ \$13.00 | each | \$3,770.00 |
| • Mass Fill In-Place Density Test | 93 | @ \$13.00 | each | \$1,209.00 |
| • Sulfate Test (1 per 300 lf) | 25 | @ \$90.00 | each | \$2,250.00 |
| • Paving Subgrade In-Place Density Test* Minimum three per trip | 66 | @ \$13.00 | each | \$858.00 |
| • Sidewalk/Trail In-Placed Density Test | 75 | @ \$13.00 | each | \$975.00 |
| • Texas Wet Ball Mill | 0 | @ \$190.00 | each | \$0.00 |
| • Cement Subgrade Gradation | 66 | @ \$13.00 | each | \$858.00 |
| • THD Triaxial (Tex.-117-E) (as needed) | 0 | @ \$1,550.00 | each | \$0.00 |
| • Lime Subgrade Depth Check | 0 | @ \$13.00 | each | \$0.00 |
| • Sr. Engineering Tech to perform testing | 495 | @ \$37.00 | hour | \$18,315.00 |
| • Sr. Engineering Tech Overtime to perform testing | 50 | @ \$55.50 | hour | \$2,775.00 |
| • Project Manager | 20 | @ \$75.00 | hour | \$1,500.00 |
| • Sr. Geotechnical Engineer Project Review | 0 | @ \$95.00 | hour | \$0.00 |
| • Vehicle Charge | 83 | @ \$35.00 | trip | \$2,905.00 |
| | | | Sub-Total | \$37,815.00 |
| B. UTILITY BACKFILL TESTING & INSPECTION | | | | |
| • Moisture/Density Relationship of Soils (ASTM D-698) | 5 | @ \$150.00 | each | \$750.00 |
| • Atterberg Limits | 5 | @ \$50.00 | each | \$250.00 |
| • Sieve Analysis for Embedment | 0 | @ \$35.00 | each | \$0.00 |
| • In-Place Density Test* (ASTM D2922) Minimum three per trip | 592 | @ \$13.00 | each | \$7,696.00 |
| • Concrete Test Cylinders (4 cylinders per set) MH/Inlet | 66 | @ \$14.00 | each | \$924.00 |
| • Sr. Engineering Tech to perform testing | 525 | @ \$37.00 | hour | \$19,425.00 |
| • Project Manager | 6 | @ \$75.00 | hour | \$450.00 |
| • Vehicle Charge | 64 | @ \$35.00 | trip | \$2,240.00 |
| | | | Sub-Total | \$31,735.00 |

SCHEDULE OF FEES
FOR
CONSTRUCTION MATERIALS ENGINEERING & TESTING
WEST SANDY LAKE ROAD PH. 2A & 2B, TEXAS AGG PROPOSAL NO.: P13-0617C

| DESCRIPTION OF SERVICES | QUANTITY | UNIT | UNIT FEE | UNIT | FEE |
|---|----------|------|----------|------------------------|--------------------|
| C. CONCRETE & REINFORCING TESTING & INSPECTION | | | | | |
| • Sr. Geotechnical Engineer Pier Review | 8 | @ | \$95.00 | hour | \$760.00 |
| • Concrete Inspection & Testing (regular time) | 335 | @ | \$37.00 | hour | \$12,395.00 |
| • Concrete Inspection & Testing (over time) | 25 | @ | \$55.50 | hour | \$1,387.50 |
| • Structural/Paving Concrete Cylinder Test | 320 | @ | \$14.00 | each | \$4,480.00 |
| • Drilled Piers Inspection | 80 | @ | \$37.00 | each | \$2,960.00 |
| • Sidewalk/Trail/Concrete Cylinders | 52 | @ | \$14.00 | each | \$728.00 |
| • Project Manager | 10 | @ | \$75.00 | hour | \$750.00 |
| • Vehicle Charge | 61 | @ | \$35.00 | trip | \$2,135.00 |
| | | | | Sub-Total | \$25,595.50 |
| D. ASPHALT TESTING & INSPECTION | | | | | |
| • Gradation | 0 | @ | \$130.00 | each | \$0.00 |
| • Decant | 0 | @ | \$30.00 | each | \$0.00 |
| • Sulfate Soundness | 0 | @ | \$285.00 | each | \$0.00 |
| • Hveem Stability (set of 3) | 0 | @ | \$105.00 | each | \$0.00 |
| • Asphalt Cores (3 min per set) | 0 | @ | \$45.00 | set | \$0.00 |
| • Lab Molded Densities (3 per set) | 0 | @ | \$45.00 | set | \$0.00 |
| • Rice Gravities | 0 | @ | \$45.00 | each | \$0.00 |
| • TxDOT Level 1B Asphalt Technician | 0 | @ | \$55.00 | hour | \$0.00 |
| • Project Manager | 0 | @ | \$75.00 | hour | \$0.00 |
| • Vehicle Charge | 0 | @ | \$35.00 | trip | \$0.00 |
| | | | | Sub-Total | \$0.00 |
| | | | | ESTIMATED TOTAL | \$95,145.50 |

NOTES:

1. It is understood that the contractor will be invoiced at overtime rates of 1.5 times the regular hourly rate for hours worked over eight (8) hours per day Monday thru Friday or any time before 7:00 a.m. or after 5:00 p.m. Service performed on Saturdays and Sundays will be billed at 1.5 times the regular hourly rate. Services performed on recognized holidays will be billed at 2.0 times the regular hourly rate.
2. All laboratory test fees are F.O.B. our laboratory; additional charge for sample pickup may apply.
3. Any additional tests will be billed on a hourly rate and charged at the applicable rate, portal-to-portal.
4. Additional test not specified in this proposal will be quoted upon request.
5. This proposal does not include any technician stand-by, non-readiness charges, and/or trips or re-tests of the previous failing tests.
6. The above unit rates are based on the project plans provided to AGG by the City of Coppell