



GEOTECHNICAL ENGINEERING
ENVIRONMENTAL CONSULTING
CONSTRUCTION MATERIALS ENGINEERING AND TESTING

November 21, 2017

Ms. Jill Yount
Parks Development Department
Park Planning Manager
City of McKinney
Email: jyount@mckinneytexas.org

Phn: (972) 547-7490

Re: Gabe Nesbitt Tennis Center Expansion
McKinney, Texas
Engineering Inspection & Testing Services
AGG Proposal No: P17-1109C

Dear Ms. Yount:

Alliance Geotechnical Group (AGG) is pleased to confirm our firm's interest in providing materials inspection and testing services for the proposed project noted above. A schedule of unit fees for this project is attached. Actual charges will be based on the contractors/client scheduling.

After reviewing our fee schedule if you have any questions, please contact the undersigned at (214) 618-4100. If acceptable, please either sign below and return to our office, or issue a City of McKinney Purchase Order as our Authorization to Proceed. We look forward to the opportunity of working with you on this project.

Respectfully submitted,

ALLIANCE GEOTECHNICAL GROUP

Douglas S. Land, P.E
Branch Manager

Approved by: _____
Signature

Date: _____



SCHEDULE OF FEES
FOR
CONSTRUCTION MATERIALS ENGINEERING & TESTING
GABE NESBITT TENNIS CENTER EXPANSION MCKINNEY, TX AGG PROPOSAL NO.: P17-1109C

DESCRIPTION OF SERVICES	QNTY		UNIT FEE	UNIT	FEE
A. MASS GRADING/LIME SUBGRADE TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	15	@	\$155.00	each	\$2,325.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	2	@	\$165.00	each	\$330.00
• Percent Finer than #200 Sieve	15	@	\$40.00	each	\$600.00
• Atterberg Limits	15	@	\$55.00	each	\$825.00
• Flex Base Wetball Mill Test		@	\$180.00	each	\$0.00
• Swell Test	45	@	\$85.00	each	\$3,825.00
• Lime Series Determination (5 point Method)	3	@	\$275.00	each	\$825.00
• Soluble Sulfate Test for Paving Subgrade		@	\$105.00	each	\$0.00
• Lime Gradations (min 1 per 5000 sf)	25	@	\$15.00	each	\$375.00
• Lime Depth Check (min. 1 per 5000 sf)	25	@	\$15.00	each	\$375.00
• Lime PI Verifications (min. 1 per 5000 sf)	25	@	\$55.00	each	\$1,375.00
• Select Fill PI Verification (min. 1 per 5,000 sf/ lift)	30	@	\$55.00	each	\$1,650.00
• In-Place Density Test* (ASTM D6938) (1 per 5,000 sf/lift)	300	@	\$15.00	each	\$4,500.00
• Sr. Engineering Tech to perform testing	310	@	\$42.00	hour	\$13,020.00
• Sr. Engineering Tech Overtime to perform testing	100	@	\$63.00	hour	\$6,300.00
• Geotechnical Project Manager	15	@	\$105.00	hour	\$1,575.00
• Project Manager	35	@	\$85.00	hour	\$2,975.00
• Vehicle Charge	50	@	\$35.00	trip	\$1,750.00
				Sub-Total	\$42,625.00
B. UTILITY BACKFILL TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)		@	\$155.00	each	\$0.00
• Moisture/Density Relationship of Soils (ASTM D-1557)		@	\$165.00	each	\$0.00
• Percent Finer than #200 Sieve		@	\$40.00	each	\$0.00
• Atterberg Limits		@	\$55.00	each	\$0.00
• In-Place Density Test* (ASTM D6938) (1 per 300 lf/lift)	120	@	\$15.00	each	\$1,800.00
• Concrete Test Cylinders (4 cyl. per set)	40	@	\$15.00	each	\$600.00
• Sr. Engineering Tech to perform testing	120	@	\$42.00	hour	\$5,040.00
• Sr. Engineering Tech Overtime to perform testing		@	\$63.00	hour	\$0.00
• Project Manager	7	@	\$85.00	hour	\$595.00
• Vehicle Charge	30	@	\$35.00	trip	\$1,050.00
				Sub-Total	\$9,085.00

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DESCRIPTION OF SERVICES	QNTY	UNIT FEE	UNIT	FEE
C. CONCRETE, REINFORCING STEEL, & POST TENSIONING INSPECTION & TESTING				
• Concrete Mix Design Review(as needed)	@	\$150.00	each	\$0.00
• Concrete/Reinforcing Steel Inspection & Testing	396 @	\$42.00	hour	\$16,632.00
• Concrete/Reinforcing Steel Overtime	24 @	\$63.00	hour	\$1,512.00
• Post Tensioning Inspection & Testing	48 @	\$55.00	hour	\$2,640.00
• Post Tensioning Overtime	18 @	\$82.50	hour	\$1,485.00
• Fire Proofing Inspection & Testing	@	\$55.00	hour	\$0.00
• Fire Proofing Overtime	@	\$82.50	hour	\$0.00
• Concrete Test Cylinder-Structura/Paving (5 cyls/100 cyd)	400 @	\$15.00	each	\$6,000.00
• Coring and testing of shotcrete samples (4/panel)	@	\$115.00	each	\$0.00
• Geotechnical Project Manager (footing inspections)	45 @	\$105.00	hour	\$4,725.00
• Project Manager	35 @	\$85.00	hour	\$2,975.00
• Building Compliance Letter by Professional Engineer	@	\$110.00	hour	\$0.00
• Vehicle Charge	98 @	\$35.00	trip	\$3,430.00
			Sub-Total	\$39,399.00
D. MASONRY INSPECTION & TESTING				
• Non-Shrink Grout Compression Test Cylinder (6 per set)	90 @	\$15.00	each	\$1,350.00
• Mortar Test Cubes (6-cubes per 5000 sf of wall)	90 @	\$15.00	each	\$1,350.00
• Grout Test Prisms (6-prisms per 5000 sf of wall)	90 @	\$15.00	each	\$1,350.00
• Masonry Inspection	120 @	\$42.00	hour	\$5,040.00
• Masonry Inspection Overtime	@	\$63.00	hour	\$0.00
• Project Manager	10 @	\$85.00	hour	\$850.00
• Vehicle Charge	15 @	\$35.00	trip	\$525.00
			Sub-Total	\$10,465.00
E. STRUCTURAL STEEL - FIELD INSPECTION				
• Field Inspection by CWI (5 hour min/trip)	30 @	\$75.00	hour	\$2,250.00
• Material fee for Ultrasonic Testing	@	\$35.00	test	\$0.00
• Project Manager	3 @	\$85.00	hour	\$255.00
• Vehicle Charge	6 @	\$35.00	trip	\$210.00
			Sub-Total	\$2,715.00
		ESTIMATED TOTAL:		\$104,289.00

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NOTES:

1. Overtime rates of 1.5 times the regular hourly rate will be charged 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 1.5 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 similar previously completed projects
7. The above man hours and quantities are based on the following schedule ASSUMPTIONS:
 - * Pad prep for tennis courts, building, pavilion, playground, etc. - 25 estimated full-time site visits
 - * Test pit observation by geotechnical engineer - 3 estimated site visits
 - * Subgrade testing on new trail - 10 estimated site visits
 - * Testing on lime subgrade and flexbase - 12 estimated site visits
 - * Site utilities - 20 estimated site visits
 - * Foundation observation by Geotechnical Engineer - 9 estimated site visits
 - * Concrete testing on pavement - 6 estimated full-time site visits
 - * Concrete testing on trails and flatwork - 40 estimated site visits
 - * Concrete testing and rebar inspections on maintenance building - 3 estimated site visits
 - * Concrete testing and rebar inspections on RR/Pavilion - 2 estimated site visits
 - * Pre-pour inspections on tennis courts - 6 estimated site visits
 - * Concrete testing on tennis courts - 6 estimated full-time site visits
 - * Post tensioning observation on tennis courts - 6 estimated full-time site visits
 - * Masonry testing and inspection - 15 estimated full-time site visits
 - * Structural steel inspections - 6 estimated site visits
 - * Concrete cylinder pick ups - 30 estimated site visits

Note: The above fees are estimates only. Actual charges will be based on contractor scheduling and actual quantities during construction.