



GEOTECHNICAL ENGINEERING
ENVIRONMENTAL CONSULTING
CONSTRUCTION MATERIALS ENGINEERING AND TESTING

September 28, 2022

Aniswarie F. Kanamizina, P.E.
CIP Engineer I - City of McKinney
Engineering Department
221 N. Tennessee Street
McKinney, Texas 75069

Phone: (972) 547-3488
Email: akanamaz@mckinneytexas.org

Re: Collin McKinney Parkway – Lake Forest to Hardin
McKinney, Texas
Engineering Inspection & Testing Services
AGG Proposal No: P22-0934C

Dear Mr. Kanamazina:

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
COLLIN MCKINNEY PARKWAY - LAKE FOREST TO HARDIN; MCKINNEY, TX; AGG PROPOSAL NO.: P22-0934C

DESCRIPTION OF SERVICES	QNTY		UNIT FEE	UNIT	FEE
A. MASS GRADING TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	12	@	\$185.00	each	\$2,220.00
• Moisture/Density Relationship of Soils (ASTM D-1557)		@	\$205.00	each	\$0.00
• Percent Finer than #200 Sieve	12	@	\$45.00	each	\$540.00
• Atterberg Limits	12	@	\$65.00	each	\$780.00
• In-Place Density Test* (ASTM D6938) (min 1/300 LF/dir.)	180	@	\$18.00	each	\$3,240.00
• Sr. Engineering Tech to perform testing	160	@	\$52.00	hour	\$8,320.00
• Sr. Engineering Tech Overtime to perform testing	80	@	\$78.00	hour	\$6,240.00
• Project Manager	24	@	\$95.00	hour	\$2,280.00
• Vehicle Charge	20	@	\$40.00	trip	\$800.00
				Sub-Total	\$24,420.00
B. LIME SUBGRADE TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	7	@	\$185.00	each	\$1,295.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	1	@	\$205.00	each	\$205.00
• Percent Finer than #200 Sieve	8	@	\$45.00	each	\$360.00
• Atterberg Limits	8	@	\$65.00	each	\$520.00
• Flex Base Wetball Mill Test	1	@	\$220.00	each	\$220.00
• Lime Series Determination (5 point Method)	4	@	\$325.00	each	\$1,300.00
• Soluble Sulfate Test for Paving Subgrade		@	\$105.00	each	\$0.00
• Lime Gradations (min 1 per 300 LF/direction)	25	@	\$18.00	each	\$450.00
• Lime/PI Verifications (min 1 per 300 LF/direction)	25	@	\$65.00	each	\$1,625.00
• Lime Depth Check (min 1 per 300 LF/direction)	25	@	\$18.00	each	\$450.00
• In-Place Density Test* (ASTM D6938) (min 1/300 LF/dir.)	25	@	\$18.00	each	\$450.00
• Sr. Engineering Tech to perform testing	75	@	\$52.00	hour	\$3,900.00
• Sr. Engineering Tech Overtime to perform testing		@	\$78.00	hour	\$0.00
• Project Manager	12	@	\$95.00	hour	\$1,140.00
• Vehicle Charge	15	@	\$40.00	trip	\$600.00
				Sub-Total	\$12,515.00
C. UTILITY BACKFILL TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	3	@	\$185.00	each	\$555.00
• Moisture/Density Relationship of Soils (ASTM D-1557)		@	\$205.00	each	\$0.00
• Percent Finer than #200 Sieve	3	@	\$45.00	each	\$135.00
• Atterberg Limits	3	@	\$65.00	each	\$195.00
• In-Place Density Test* (ASTM D6938) (1 per 300 lf/lift)	125	@	\$18.00	each	\$2,250.00
• Concrete Test Cylinders (4 cyl. per set)	100	@	\$18.00	each	\$1,800.00
• Sr. Engineering Tech to perform testing	200	@	\$52.00	hour	\$10,400.00
• Sr. Engineering Tech Overtime to perform testing		@	\$78.00	hour	\$0.00
• Concrete Cylinder Pick Up	10	@	\$185.00	each	\$1,850.00
• Project Manager	20	@	\$95.00	hour	\$1,900.00
• Vehicle Charge	40	@	\$40.00	trip	\$1,600.00
				Sub-Total	\$20,685.00

SCHEDULE OF FEES
FOR
CONSTRUCTION MATERIALS ENGINEERING & TESTING
COLLIN MCKINNEY PARKWAY - LAKE FOREST TO HARDIN; MCKINNEY, TX; AGG PROPOSAL NO.: P22-0934C

	DESCRIPTION OF SERVICES	QNTY	UNIT FEE	UNIT	FEE
D.	PIER INSPECTION & TESTING				
	• Full Time Eng. Technician for Pier Observations	40 @	\$52.00	hour	\$2,080.00
	• Full Time Eng. Technician for Pier Observations(over time)	20 @	\$78.00	hour	\$1,560.00
	• Concrete Test Cylinders (4 cyl. per set)	25 @	\$18.00	each	\$450.00
	• Geotechnical Project Manager	6 @	\$115.00	hour	\$690.00
	• Project Manager	5 @	\$95.00	hour	\$475.00
	• Vehicle Charge	5 @	\$40.00	trip	\$200.00
				Sub-Total	\$5,455.00
E.	CONCRETE INSPECTION & TESTING				
	• Concrete Mix Design Review(as needed)	@	\$250.00	each	\$0.00
	• Concrete Inspection & Testing	420 @	\$52.00	hour	\$21,840.00
	• Concrete Inspection & Testing Overtime	60 @	\$78.00	hour	\$4,680.00
	• Concrete Test Cylinder-Structura/Paving (5 cyls/set)	510 @	\$18.00	each	\$9,180.00
	• Concrete Cylinder Pick Up	25 @	\$185.00	each	\$4,625.00
	• Project Manager	47 @	\$95.00	hour	\$4,465.00
	• Vehicle Charge	61 @	\$40.00	trip	\$2,440.00
				Sub-Total	\$47,230.00
				ESTIMATED TOTAL:	\$110,305.00

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 2.0 times the regular hourly rate.
2. All services will be billed at a 4-hour minimum unless noted otherwise.
3. All field testing will be billed portal to portal.
4. Any additional tests will be billed on an hourly rate and charged at the applicable rate, portal-to-portal.
5. Additional test not specified in this proposal will be quoted upon request.
6. Any technician stand-by, non-readiness charges, and/or trips or re-test of the failing test will be billed using the unit rates shown above.
7. Hours will be billed to the nearest whole hour.
8. The above estimate was based on the following schedule ASSUMPTIONS:
 - * Moisture conditioning testing - 20 estimated full-time site visits (est. 12 hrs/trip)
 - * Lime stabilized subgrade testing - 15 estimated site visits
 - * Utility backfill testing - 20 estimated site visits
 - * Concrete testing on inlets, manholes, headwalls, & box culverts - 20 estimated site visits
 - * Concrete pavement testing - 15 estimated full time site visits (est. 12 hrs/trip)
 - * Misc. concrete testing (sidewalks, ramps, driveways, riprap, signal foundations, etc.) - 36 estimated site visits
 - * Drilled pier observation - 5 estimated site visits (est. 12 hrs/trip)
 - * Concrete testing on bridge columns, abutment, slabs, etc. - 10 estimated site visits

Note 1: The above fees are estimates only. Actual charges will be based on contractor scheduling and actual quantities during construction.