



GEOTECHNICAL ENGINEERING
ENVIRONMENTAL CONSULTING
CONSTRUCTION MATERIALS ENGINEERING AND TESTING

Proposal/Scope of Work

July 30, 2021

E. Brian Bristow, RLA, RAS, LI – Assistant Director
City of Allen Parks & Recreation Department
Phone: (214) 509-4700
Email: bbristow@cityofallen.org

Re: Stephen G. Terrell Recreation Center
Allen, Texas
Engineering Inspection & Testing Services
AGG Proposal No: P21-0415CR2

Dear Mr. Bristow:

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. We understand that we have been selected based on the Professional Services Procurement Act. 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 issue a City of Allen Purchase Order and/or Contract, and return 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

A handwritten signature in blue ink, appearing to read 'Douglas S. Land'.

Douglas S. Land, P.E.
Branch Manager

SCHEDULE OF FEES						
FOR						
CONSTRUCTION MATERIALS ENGINEERING & TESTING						
STEPHEN G. TERRELL RECREATION CENTER		ALLEN, TX	AGG PROPOSAL NO.: P21-0415CR3			
DESCRIPTION OF SERVICES		QNTY	UNIT FEE		UNIT	FEE
A. LIME & SIDEWALK SUBGRADE, & RW TESTING & INSPECTION						
•	Moisture/Density Relationship of Soils (ASTM D-698)	25	@	\$170.00	each	\$4,250.00
•	Moisture/Density Relationship of Soils (ASTM D-1557)		@	\$205.00	each	\$0.00
•	Percent Finer than #200 Seive	25	@	\$45.00	each	\$1,125.00
•	Atterberg Limits	25	@	\$60.00	each	\$1,500.00
•	R. Wall Select Fill PI Verification (min. 1 per 100lf/ lift)	35	@	\$60.00	each	\$2,100.00
•	In-Place Density Test* (ASTM D6938)	150	@	\$16.00	each	\$2,400.00
•	Lime Gradations (1 per 5,000 sf)	55	@	\$16.00	each	\$880.00
•	Lime Depth Checks (1 per 5,000 sf)	55	@	\$16.00	each	\$880.00
•	Sr. Engineering Tech to perform testing	270	@	\$49.00	hour	\$13,230.00
•	Sr. Engineering Tech Overtime to perform testing		@	\$73.50	hour	\$0.00
•	Geotechnical Project Manager	25	@	\$95.00	hour	\$2,375.00
•	Project Manager	32	@	\$85.00	hour	\$2,720.00
•	Vehicle Charge	58	@	\$45.00	trip	\$2,610.00
Sub-Total						\$34,070.00
B. PIER INSPECTION & TESTING						
•	Full Time Eng. Technician for Pier Observations	480	@	\$49.00	hour	\$23,520.00
•	Full Time Eng. Technician for Pier Observations(over time)	240	@	\$73.50	hour	\$17,640.00
•	Concrete Test Cylinders (5 cyl. per set)	300	@	\$18.00	each	\$5,400.00
•	Geotechnical Project Manager	24	@	\$95.00	hour	\$2,280.00
•	Project Manager	57	@	\$85.00	hour	\$4,845.00
•	Vehicle Charge	60	@	\$45.00	trip	\$2,700.00
Sub-Total						\$56,385.00
C. UTILITY BACKFILL TESTING & INSPECTION						
•	Moisture/Density Relationship of Soils (ASTM D-698)	6	@	\$170.00	each	\$1,020.00
•	Moisture/Density Relationship of Soils (ASTM D-1557)		@	\$205.00	each	\$0.00
•	Atterberg Limits	6	@	\$60.00	each	\$360.00
•	Percent Finer than #200 Seive	6	@	\$45.00	each	\$270.00
•	In-Place Density Test* (ASTM D6938) (1 per 300 lf/lift)	95	@	\$16.00	each	\$1,520.00
•	Concrete Test Cylinders (5 cyl. per set)	60	@	\$18.00	each	\$1,080.00
•	Concrete Cylinder Pick-Up	6	@	\$165.00	each	\$990.00
•	Sr. Engineering Tech to perform testing	140	@	\$49.00	hour	\$6,860.00
•	Sr. Engineering Tech Overtime to perform testing		@	\$73.50	hour	\$0.00
•	Project Manager	13	@	\$85.00	hour	\$1,105.00
•	Vehicle Charge	27	@	\$45.00	trip	\$1,215.00
Sub-Total						\$14,420.00

SCHEDULE OF FEES					
FOR					
CONSTRUCTION MATERIALS ENGINEERING & TESTING					
STEPHEN G. TERRELL RECREATION CENTER ALLEN, TX AGG PROPOSAL NO.: P21-0415CR3					
DESCRIPTION OF SERVICES	QNTY	UNIT FEE	UNIT	FEE	
D. CONCRETE, REINFORCING STEEL, INSPECTION & TESTING					
• Concrete Mix Design Review(as needed)	@	\$185.00	each	\$0.00	
• Concrete/Reinforcing Steel Inspection & Testing	1905 @	\$49.00	hour	\$93,345.00	
• Concrete/Reinforcing Steel Overtime	200 @	\$73.50	hour	\$14,700.00	
• Concrete Test Cylinder-Structura/Paving (5 cyls/set)	1955 @	\$18.00	each	\$35,190.00	
• Concrete Cylinder Pick-Up	95 @	\$165.00	each	\$15,675.00	
• Concrete Core Depth Checks	10 @	\$85.00	each	\$850.00	
• Project Manager	150 @	\$85.00	hour	\$12,750.00	
• Building Compliance Letter by Professional Engineer	8 @	\$110.00	hour	\$880.00	
• Vehicle Charge	326 @	\$45.00	trip	\$14,670.00	
			Sub-Total	\$188,060.00	
E. MASONRY INSPECTION & TESTING					
• Mortar Cubes (6 per set)	120 @	\$18.00	each	\$2,160.00	
• Masonry Prisms (as needed)	@	\$185.00	each	\$0.00	
• Grout Test Prisms (6-prisms per set)	120 @	\$22.00	each	\$2,640.00	
• Masonry Inspection	100 @	\$49.00	hour	\$4,900.00	
• Masonry Inspection Overtime	@	\$73.50	hour	\$0.00	
• Masonry Sample Pick-Up	3 @	\$165.00	each	\$495.00	
• Project Manager	4 @	\$85.00	hour	\$340.00	
• Vehicle Charge	20 @	\$45.00	trip	\$900.00	
			Sub-Total	\$11,435.00	
F. STRUCTURAL STEEL - FIELD INSPECTION					
• Field Inspection by CWI (5 hour min/trip)	360 @	\$85.00	hour	\$30,600.00	
• Material fee for Ultrasonic Testing	@	\$35.00	test	\$0.00	
• Project Manager	36 @	\$85.00	hour	\$3,060.00	
• Vehicle Charge	60 @	\$45.00	trip	\$2,700.00	
			Sub-Total	\$36,360.00	
G. FLOOR FLATNESS TESTING					
• Floor Flatness (5 hour minimum)	104 @	\$125.00	hour	\$13,000.00	
• Project Manager	17 @	\$85.00	hour	\$1,445.00	
• Vehicle Charge	13 @	\$45.00	trip	\$585.00	
			Sub-Total	\$15,030.00	
ESTIMATED TOTAL:				\$355,760.00	

SCHEDULE OF FEES

FOR

CONSTRUCTION MATERIALS ENGINEERING & TESTING

STEPHEN G. TERRELL RECREATION CENTER ALLEN, TX AGG PROPOSAL NO.: P21-0415CR3

DESCRIPTION OF SERVICES	QNTY	UNIT FEE	UNIT	FEE
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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 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 and a preliminary schedule provided by the client:
 - * Drilled observation & concrete testing - 60 estimated full time site visits (12 hrs/trip)
 - * Pier caps reinforcing steel inspection & concrete testing - 60 estimated site visits
 - * Grade beams reinforcing steel inspection & concrete testing - 50 estimated site visits
 - * Floor slab reinforcing steel inspection & concrete testing - 30 estimated site visits
 - * Tilt wall panels reinforcing steel inspection & concrete testing - 60 estimated site visits
 - * Mezzanine slabs reinforcing steel inspection & concrete testing - 30 estimated site visits
 - * CMU walls observation & testing - 20 estimated site visits
 - * Structural steel inspection - 40 estimated site visits
 - * Geotechnical engineer to verify bearing capacity for site retaining walls - 5 estimated site visits
 - * Site retaining wall footing and backfill testing - 11 estimated site visits
 - * Site retaining wall footing rebar inspection & concrete testing - 8 estimated site visits
 - * Site retaining wall rebar inspection & concrete testing - 6 estimated site visits
 - * Lime subgrade testing for pavement - 22 estimated site visits
 - * Sidewalk/trail subgrade testing 20 estimated site visits
 - * Concrete testing for sidewalks/trails - 55 estimated site visits
 - * Concrete pavement testing - 25 estimated site visits
 - * Concrete testing for inlets/manholes - 12 estimated site visits
 - * Utility backfill testing - 15 estimated site visits
 - * Coring fire lanes for depth verification - 2 estimated site visits
 - * Floor flatness testing - 15 estimated site visits

Note 1: The above fees do not include testing and inspection for spray applied fire proofing. These services can be quoted upon request.

Note 2: The above fees are estimates only. Actual charges will be based on contractor scheduling and actual quantities during construction.