



- GEOTECHNICAL ENGINEERING
- ENVIRONMENTAL CONSULTING
- CONSTRUCTION MATERIALS ENGINEERING

February 2, 2016

Mr. Lance Aaron
Gallagher Construction Services
LAaron@Gallaghertx.com

Office: (972) 633-0564
Office: (214) 356-1969

Re: Andrew Brown Community Park - East
City of Coppell
Engineering Inspection & Testing Services
AGG Proposal No: P16-0119CR3

Dear Mr. Lance Aaron:

Alliance Geotechnical Group (AGG) is pleased to confirm our firm's interest in providing materials inspection and testing services for the proposed Andrew Brown Community Park - East 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 (972) 444-8889. If acceptable, please sign below 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


Shannon Shain,
Project Manager


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

Approved by: _____
Signature

Date: _____

SCHEDULE OF FEES
FOR
CONSTRUCTION MATERIALS ENGINEERING & TESTING SERVICES FOR
ANDREW BROWN COMMUNITY PARK - EAST
COPPELL, TEXAS AGG PROPOSAL NO. P16-0119CR3

DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
A. UTILITY TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	3	@	\$155.00	each	\$465.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	3	@	\$55.00	each	\$165.00
• Percent Minus #200 Sieve Analysis	3	@	\$30.00	each	\$90.00
• Initial Proctor Pickup (time and trip included)	1	@	\$120.00	trip	\$120.00
• In-Place Density Test (1 test per 300 lf/lift)	130	@	\$15.00	each	\$1,950.00
• Sr. Engineering Tech to perform testing (regular time)	48	@	\$40.00	hour	\$1,920.00
• Project Manager	4	@	\$75.00	hour	\$300.00
• Sr. Geotechnical Engineer Review	6	@	\$125.00	hour	\$750.00
• Vehicle Charge	7	@	\$40.00	trip	\$280.00
Sub-Total					\$6,040.00
B. SITE SIDEWALK & CULVERT SUBGRADE TESTING AND INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	4	@	\$155.00	each	\$620.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	4	@	\$55.00	each	\$220.00
• Percent Minus #200 Sieve Analysis	4	@	\$30.00	each	\$120.00
• Initial Proctor Pickup (time and trip included)	1	@	\$120.00	trip	\$120.00
• In-Place Density Test (1 test per 300 lf/lift)	48	@	\$15.00	each	\$720.00
• Sr. Engineering Tech to perform testing (regular time)	72	@	\$40.00	hour	\$2,880.00
• Project Manager	4	@	\$75.00	hour	\$300.00
• Sr. Geotechnical Engineer Review	9	@	\$125.00	hour	\$1,125.00
• Vehicle Charge	24	@	\$40.00	trip	\$960.00
Sub-Total					\$7,065.00

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COPPELL, TEXAS AGG PROPOSAL NO. P16-0119CR3

DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
C. SITE SIDEWALK & LIGHT STANDARD CONCRETE & REINFORCING TESTING & INSPECTION					
• Rebar Inspection & Testing (regular time)	8	@	\$40.00	hour	\$320.00
• Concrete Inspection & Testing (regular time)	148	@	\$40.00	hour	\$5,920.00
• Concrete Cylinder Test - (1 set of 4 cyl.)	148	@	\$15.00	each	\$2,220.00
• Concrete Test Cylinder Pickup	30	@	\$120.00	trip	\$3,600.00
• Project Manager	8	@	\$75.00	hour	\$600.00
• Vehicle Charge	37	@	\$40.00	trip	\$1,480.00
Sub-Total					\$14,140.00
D. GRAND PAVILION MOISTURE CONDITIONED SUBGRADE TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	4	@	\$155.00	each	\$620.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	4	@	\$55.00	each	\$220.00
• Percent Minus #200 Sieve Analysis	4	@	\$30.00	each	\$120.00
• Initial Proctor Pickup (time and trip included)	1	@	\$120.00	trip	\$120.00
• In-Place Density Test	100	@	\$15.00	each	\$1,500.00
• Sr. Engineering Tech to perform testing (regular time)	160	@	\$40.00	hour	\$6,400.00
• Project Manager	10	@	\$75.00	hour	\$750.00
• Sr. Geotechnical Engineer (Excavation Limit Verification)	18	@	\$125.00	hour	\$2,250.00
• Sr. Geotechnical Engineer (Test Pit Verification & Report Review)	18	@	\$125.00	hour	\$2,250.00
• Swell Tests	8	@	\$85.00	each	\$680.00
• Vehicle Charge	26	@	\$40.00	trip	\$1,040.00
Sub-Total					\$15,950.00
E. GRAND PAVILION & STRUCTURES CONCRETE & REINFORCING TESTING & INSPECTION					
• Rebar Inspection & Testing (regular time)	10	@	\$40.00	hour	\$400.00
• Concrete Inspection & Testing (regular time)	52	@	\$40.00	hour	\$2,080.00
• Concrete Cylinder Test - (1 set of 4 cyl.)	52	@	\$15.00	each	\$780.00
• Concrete Test Cylinder Pickup	6	@	\$120.00	trip	\$720.00
• Project Manager	2	@	\$75.00	hour	\$150.00
• Vehicle Charge	13	@	\$40.00	trip	\$520.00
Sub-Total					\$4,650.00

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DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
<u>F. ARRIVAL COURT RESTROOM & STORAGE BELLED PIER TESTING & INSPECTION</u>					
• Engineering Inspection and Review	9	@	\$125.00	hour	\$1,125.00
• Pier & Concrete Inspection & Testing (regular time)	24	@	\$40.00	hour	\$960.00
• Concrete Cylinder Test - (1 set of 4 cyl. per day)	12	@	\$15.00	each	\$180.00
• Concrete Test Cylinder Pickup	1	@	\$120.00	trip	\$120.00
• Project Manager	1	@	\$75.00	hour	\$75.00
• Vehicle Charge	4	@	\$40.00	trip	\$160.00
Sub-Total					\$2,620.00
<u>G. ARRIVAL COURT PAVING & STRUCTURES SUBGRADE TESTING AND INSPECTION</u>					
• Moisture/Density Relationship of Soils (ASTM D-698)	4	@	\$155.00	each	\$620.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	4	@	\$55.00	each	\$220.00
• Percent Minus #200 Sieve Analysis	4	@	\$30.00	each	\$120.00
• In-Place Density Test	24	@	\$15.00	each	\$360.00
• Sr. Engineering Tech to perform testing (regular time)	28	@	\$40.00	hour	\$1,120.00
• Project Manager	3	@	\$75.00	hour	\$225.00
• Vehicle Charge	7	@	\$40.00	trip	\$280.00
Sub-Total					\$2,945.00
<u>H. ARRIVAL COURT PAVING & STRUCTURES CONCRETE & REINFORCING TESTING & INSPECTION</u>					
• Rebar Inspection & Testing (regular time)	10	@	\$40.00	hour	\$400.00
• Concrete Inspection & Testing (regular time)	40	@	\$40.00	hour	\$1,600.00
• Concrete Cylinder Test - (1 set of 4 cyl.)	40	@	\$15.00	each	\$600.00
• Concrete Test Cylinder Pickup	5	@	\$120.00	trip	\$600.00
• Project Manager	2	@	\$75.00	hour	\$150.00
• Vehicle Charge	10	@	\$40.00	trip	\$400.00
Sub-Total					\$3,750.00

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ANDREW BROWN COMMUNITY PARK - EAST
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DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
I. PERFORMANCE PAVILION MOISTURE CONDITIONED SUBGRADE TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	3	@	\$155.00	each	\$465.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	3	@	\$55.00	each	\$165.00
• Percent Minus #200 Sieve Analysis	3	@	\$30.00	each	\$90.00
• Initial Proctor Pickup (time and trip included)	1	@	\$110.00	trip	\$110.00
• In-Place Density Test	30	@	\$15.00	each	\$450.00
• Sr. Engineering Tech to perform testing (regular time)	40	@	\$40.00	hour	\$1,600.00
• Project Manager	3	@	\$75.00	hour	\$225.00
• Sr. Geotechnical Engineer (Excavation Limit Verification)	6	@	\$125.00	hour	\$750.00
• Sr. Geotechnical Engineer (Test Pit Verification & Report Review)	6	@	\$125.00	hour	\$750.00
• Swell Tests	4	@	\$85.00	each	\$340.00
• Vehicle Charge	7	@	\$40.00	trip	\$280.00
Sub-Total					\$5,225.00
J. PERFORMANCE PAVILION BELLED & STRAIGHT SHAFT PIER TESTING & INSPECTION					
• Engineering Inspection and Review	18	@	\$125.00	hour	\$2,250.00
• Pier & Concrete Inspection & Testing (regular time)	52	@	\$40.00	hour	\$2,080.00
• Concrete Cylinder Test - (1 set of 4 cyl. per day)	32	@	\$15.00	each	\$480.00
• Concrete Test Cylinder Pickup	1	@	\$120.00	trip	\$120.00
• Project Manager	3	@	\$75.00	hour	\$225.00
• Vehicle Charge	9	@	\$40.00	trip	\$360.00
Sub-Total					\$5,515.00
K. PERFORMANCE PAVILION PAVING & STRUCTURES SUBGRADE TESTING AND INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	3	@	\$155.00	each	\$465.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	3	@	\$55.00	each	\$165.00
• Percent Minus #200 Sieve Analysis	3	@	\$30.00	each	\$90.00
• In-Place Density Test	20	@	\$15.00	each	\$300.00
• Sr. Engineering Tech to perform testing (regular time)	20	@	\$40.00	hour	\$800.00
• Project Manager	1	@	\$75.00	hour	\$75.00
• Vehicle Charge	5	@	\$40.00	trip	\$200.00
Sub-Total					\$2,095.00

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	DESCRIPTION OF SERVICES	QUANTITY	UNIT FEE	UNIT	FEE	
L.	PERFORMANCE PAVILION PAVING & STRUCTURES CONCRETE & REINFORCING TESTING & INSPECTION					
	• Rebar Inspection & Testing (regular time)	10	@	\$40.00	hour	\$400.00
	• Concrete Inspection & Testing (regular time)	48	@	\$40.00	hour	\$1,920.00
	• Concrete Cylinder Test - (1 set of 4 cyl.)	40	@	\$15.00	each	\$600.00
	• Concrete Test Cylinder Pickup	3	@	\$120.00	trip	\$360.00
	• Project Manager	2	@	\$75.00	hour	\$150.00
	• Vehicle Charge	10	@	\$40.00	trip	\$400.00
				Sub-Total		\$3,830.00
M.	BOARDWALK OVERLOOK BELLED PIER TESTING & INSPECTION					
	• Engineering Inspection and Review	11	@	\$125.00	hour	\$1,375.00
	• Pier & Concrete Inspection & Testing (regular time)	40	@	\$40.00	hour	\$1,600.00
	• Concrete Cylinder Test - (1 set of 4 cyl. per day)	20	@	\$15.00	each	\$300.00
	• Concrete Test Cylinder Pickup	1	@	\$120.00	trip	\$120.00
	• Project Manager	2	@	\$75.00	hour	\$150.00
	• Vehicle Charge	6	@	\$40.00	trip	\$240.00
				Sub-Total		\$3,785.00
N.	BOARDWALK OVERLOOK PAVING & STRUCTURES SUBGRADE TESTING AND INSPECTION					
	• Moisture/Density Relationship of Soils (ASTM D-698)	3	@	\$155.00	each	\$465.00
	• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
	• Atterberg Limits	3	@	\$55.00	each	\$165.00
	• Initial Proctor Pickup (time and trip included)	1	@	\$120.00	trip	\$120.00
	• In-Place Density Test	20	@	\$15.00	each	\$300.00
	• Sr. Engineering Tech to perform testing (regular time)	20	@	\$40.00	hour	\$800.00
	• Project Manager	2	@	\$75.00	hour	\$150.00
	• Vehicle Charge	5	@	\$40.00	trip	\$200.00
				Sub-Total		\$2,200.00

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DESCRIPTION OF SERVICES	QUANTITY	UNIT FEE	UNIT	FEE
<u>O. BOARDWALK OVERLOOK PAVING & STRUCTURES CONCRETE & REINFORCING TESTING & INSPECTION</u>				
• Rebar Inspection & Testing (regular time)	11	@	\$40.00 hour	\$440.00
• Concrete Inspection & Testing (regular time)	52	@	\$40.00 hour	\$2,080.00
• Concrete Cylinder Test - (1 set of 4 cyl.)	44	@	\$15.00 each	\$660.00
• Concrete Test Cylinder Pickup	3	@	\$120.00 trip	\$360.00
• Project Manager	3	@	\$75.00 hour	\$225.00
• Vehicle Charge	11	@	\$40.00 trip	\$440.00
			Sub-Total	\$4,205.00
<u>P. ENTRY MONUMENT BELLED PIER TESTING & INSPECTION</u>				
• Engineering Inspection and Review	5	@	\$125.00 hour	\$625.00
• Pier & Concrete Inspection & Testing (regular time)	8	@	\$40.00 hour	\$320.00
• Concrete Cylinder Test - (1 set of 4 cyl. per day)	4	@	\$15.00 each	\$60.00
• Concrete Test Cylinder Pickup	1	@	\$120.00 trip	\$120.00
• Project Manager	0	@	\$75.00 hour	\$0.00
• Vehicle Charge	2	@	\$40.00 trip	\$80.00
			Sub-Total	\$1,205.00
<u>Q. BRIDGES & ENTRY MONUMENT SUBGRADE TESTING AND INSPECTION</u>				
• Moisture/Density Relationship of Soils (ASTM D-698)	4	@	\$155.00 each	\$620.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00 each	\$0.00
• Atterberg Limits	4	@	\$55.00 each	\$220.00
• Percent Minus #200 Sieve Analysis	4	@	\$30.00 each	\$120.00
• Sieve Analysis	4	@	\$35.00 each	\$140.00
• Engineering Probing of Footings	16	@	\$125.00 hour	\$2,000.00
• In-Place Density Test	24	@	\$15.00 each	\$360.00
• Sr. Engineering Tech to perform testing (regular time)	32	@	\$40.00 hour	\$1,280.00
• Project Manager	2	@	\$75.00 hour	\$150.00
• Vehicle Charge	10	@	\$40.00 trip	\$400.00
			Sub-Total	\$5,290.00
<u>R. BRIDGES & ENTRY MONUMENT CONCRETE & REINFORCING TESTING & INSPECTION</u>				
• Rebar Inspection & Testing (regular time)	5	@	\$40.00 hour	\$200.00
• Concrete Inspection & Testing (regular time)	20	@	\$40.00 hour	\$800.00
• Concrete Cylinder Test - (1 set of 4 cyl.)	20	@	\$15.00 each	\$300.00
• Concrete Test Cylinder Pickup	3	@	\$120.00 trip	\$360.00
• Project Manager	0	@	\$75.00 hour	\$0.00
• Vehicle Charge	5	@	\$40.00 trip	\$200.00
			Sub-Total	\$1,860.00

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ANDREW BROWN COMMUNITY PARK - EAST
COPPELL, TEXAS AGG PROPOSAL NO. P16-0119CR3

DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
S. ALL SITE STRUCTURES MASONRY TESTING & INSPECTION					
• Concrete Inspection & Testing (regular time)	72	@	\$40.00	hour	\$2,880.00
• Mortar Cube Mold (1 set of 6 cubes each trip)	54	@	\$15.00	each	\$810.00
• Grout Prism Mold (1 set of 6 prisms each trip)	54	@	\$15.00	each	\$810.00
• Mortar Cube Pickup	3	@	\$120.00	trip	\$360.00
• Project Manager	4	@	\$75.00	hour	\$300.00
• Vehicle Charge	9	@	\$40.00	trip	\$360.00
Sub-Total					\$5,520.00
T. STRUCTURAL STEEL INSPECTION					
• Visual Inspection of Structural Steel by CWI (Min 5 Hr Trip)	30	@	\$75.00	hour	\$2,250.00
• Project Manager	4	@	\$75.00	hour	\$300.00
• Vehicle Charge	6	@	\$40.00	trip	\$240.00
Sub-Total					\$2,790.00
ESTIMATED TOTAL					\$100,680.00

- 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 times the regular hourly rate.
- 2 Any additional tests will be billed on a hourly rate and charged at the applicable rate, portal-to-portal.
- 3 Additional test not specified in this proposal will be quoted upon request.
- 4 This proposal does not include any technician stand-by, non-readiness charges, and/or trips or re-tests of the previous
- 5 This proposal does not include any cylinders for early breaks.
- 6 This proposal does not include any roofing or fireproofing inspections.
- 7 The above estimated fee was developed based on the project construction schedule provided to AGG by Mr. Lance Aaron & CORE Construction, which consisted of 210 days of steady work. Any deviations from this schedule will result in additional charges