



- 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 - West
City of Coppell
Engineering Inspection & Testing Services
AGG Proposal No: P16-0120CR2

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 - West 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 Manager

Approved by: _____
Signature

Date: _____

SCHEDULE OF FEES
FOR
CONSTRUCTION MATERIALS ENGINEERING & TESTING SERVICES FOR
ANDREW BROWN COMMUNITY PARK - WEST
COPPELL, TEXAS AGG PROPOSAL NO. P16-0120CR2

DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
A. UTILITY TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	6	@	\$155.00	each	\$930.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	6	@	\$55.00	each	\$330.00
• Percent Minus #200 Sieve Analysis	6	@	\$30.00	each	\$180.00
• Initial Proctor Pickup (time and trip included)	2	@	\$120.00	trip	\$240.00
• In-Place Density Test (1 test per 300 lf/lift)	265	@	\$15.00	each	\$3,975.00
• Sr. Engineering Tech to perform testing (regular time)	124	@	\$40.00	hour	\$4,960.00
• Project Manager	13	@	\$75.00	hour	\$975.00
• Sr. Geotechnical Engineer Review	6	@	\$125.00	hour	\$750.00
• Vehicle Charge	31	@	\$40.00	trip	\$1,240.00
Sub-Total					\$13,580.00
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)	21	@	\$15.00	each	\$315.00
• Sr. Engineering Tech to perform testing (regular time)	60	@	\$40.00	hour	\$2,400.00
• Project Manager	4	@	\$75.00	hour	\$300.00
• Sr. Geotechnical Engineer Review	4	@	\$125.00	hour	\$500.00
• Vehicle Charge	20	@	\$40.00	trip	\$800.00
Sub-Total					\$5,395.00
C. SITE SIDEWALK & LIGHT STANDARD CONCRETE & REINFORCING TESTING & INSPECTION					
• Rebar Inspection & Testing (regular time)	24	@	\$40.00	hour	\$960.00
• Concrete Inspection & Testing (regular time)	48	@	\$40.00	hour	\$1,920.00
• Concrete Cylinder Test - (1 set of 4 cyl.)	48	@	\$15.00	each	\$720.00
• Concrete Test Cylinder Pickup	3	@	\$120.00	trip	\$360.00
• Project Manager	4	@	\$75.00	hour	\$300.00
• Vehicle Charge	12	@	\$40.00	trip	\$480.00
Sub-Total					\$4,740.00

SCHEDULE OF FEES
FOR
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COPPELL, TEXAS AGG PROPOSAL NO. P16-0120CR2

DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
D. 4PLEX RESTROOM MOISTURE CONDITIONED SUBGRADE TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	6	@	\$155.00	each	\$930.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	6	@	\$55.00	each	\$330.00
• Percent Minus #200 Sieve Analysis	6	@	\$30.00	each	\$180.00
• Initial Proctor Pickup (time and trip included)	1	@	\$120.00	trip	\$120.00
• In-Place Density Test	294	@	\$15.00	each	\$4,410.00
• Sr. Engineering Tech to perform testing (regular time)	96	@	\$40.00	hour	\$3,840.00
• Project Manager	14	@	\$75.00	hour	\$1,050.00
• Sr. Geotechnical Engineer (Excavation Limit Verification)	18	@	\$125.00	hour	\$2,250.00
• Sr. Geotechnical Engineer (Test Pit Verification & Report Review)	24	@	\$125.00	hour	\$3,000.00
• Swell Tests	24	@	\$85.00	each	\$2,040.00
• Vehicle Charge	12	@	\$40.00	trip	\$480.00
Sub-Total					\$18,630.00
E. 4PLEX RESTROOM STRUCTURES CONCRETE & REINFORCING TESTING & INSPECTION					
• Rebar Inspection & Testing (regular time)	10	@	\$40.00	hour	\$400.00
• Concrete Inspection & Testing (regular time)	30	@	\$40.00	hour	\$1,200.00
• Concrete Cylinder Test - (1 set of 4 cyl.)	28	@	\$15.00	each	\$420.00
• Concrete Test Cylinder Pickup	3	@	\$120.00	trip	\$360.00
• Project Manager	2	@	\$75.00	hour	\$150.00
• Vehicle Charge	5	@	\$40.00	trip	\$200.00
Sub-Total					\$2,730.00

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DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
<u>F. PLAYGROUND PAVILION BELLED PIER TESTING & INSPECTION</u>					
• Engineering Inspection and Review	4	@	\$125.00	hour	\$500.00
• Pier & Concrete Inspection & Testing (regular time)	12	@	\$40.00	hour	\$480.00
• 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	1	@	\$75.00	hour	\$75.00
• Vehicle Charge	1	@	\$40.00	trip	\$40.00
Sub-Total					\$1,275.00
<u>G. PARKING LOT HEAVY DUTY PAVING SUBGRADE TESTING AND INSPECTION</u>					
• Moisture/Density Relationship of Soils (ASTM D-698)	2	@	\$155.00	each	\$310.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	2	@	\$55.00	each	\$110.00
• Percent Minus #200 Sieve Analysis	2	@	\$30.00	each	\$60.00
• In-Place Density Test	100	@	\$15.00	each	\$1,500.00
• 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					\$3,130.00
<u>H. PARKING LOT HEAVY DUTY CONCRETE PAVING & REINFORCING TESTING & INSPECTION</u>					
• Rebar Inspection & Testing (regular time)	22	@	\$40.00	hour	\$880.00
• Concrete Inspection & Testing (regular time)	110	@	\$40.00	hour	\$4,400.00
• Concrete Cylinder Test - (1 set of 4 cyl.)	172	@	\$15.00	each	\$2,580.00
• Concrete Test Cylinder Pickup	3	@	\$120.00	trip	\$360.00
• Project Manager	8	@	\$75.00	hour	\$600.00
• Vehicle Charge	11	@	\$40.00	trip	\$440.00
Sub-Total					\$9,260.00

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DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
I. RESTROOM & SOCCER FIELD MOISTURE CONDITIONED SUBGRADE TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	2	@	\$155.00	each	\$310.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	2	@	\$55.00	each	\$110.00
• Percent Minus #200 Sieve Analysis	2	@	\$30.00	each	\$60.00
• Initial Proctor Pickup (time and trip included)	1	@	\$110.00	trip	\$110.00
• In-Place Density Test	45	@	\$15.00	each	\$675.00
• Sr. Engineering Tech to perform testing (regular time)	30	@	\$40.00	hour	\$1,200.00
• Project Manager	3	@	\$75.00	hour	\$225.00
• Sr. Geotechnical Engineer (Excavation Limit Verification)	4	@	\$125.00	hour	\$500.00
• Vehicle Charge	3	@	\$40.00	trip	\$120.00
Sub-Total					\$3,310.00
J. MUSCO LIGHT STRAIGHT SHAFT PIER TESTING & INSPECTION					
• Engineering Inspection and Review	16	@	\$125.00	hour	\$2,000.00
• Pier & Concrete Inspection & Testing (regular time)	96	@	\$40.00	hour	\$3,840.00
• Concrete Cylinder Test - (1 set of 4 cyl. per day)	32	@	\$15.00	each	\$480.00
• Concrete Test Cylinder Pickup	2	@	\$120.00	trip	\$240.00
• Project Manager	8	@	\$75.00	hour	\$600.00
• Vehicle Charge	8	@	\$40.00	trip	\$320.00
Sub-Total					\$7,480.00
K. EXISTING POND SITE GRADING TESTING AND INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	6	@	\$155.00	each	\$930.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	6	@	\$55.00	each	\$330.00
• Percent Minus #200 Sieve Analysis	6	@	\$30.00	each	\$180.00
• In-Place Density Test	420	@	\$15.00	each	\$6,300.00
• Sr. Engineering Tech to perform testing (regular time)	120	@	\$40.00	hour	\$4,800.00
• Project Manager	16	@	\$75.00	hour	\$1,200.00
• Vehicle Charge	12	@	\$40.00	trip	\$480.00
Sub-Total					\$14,220.00

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DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
L. BASKETBALLCOURT & STRUCTURES CONCRETE & REINFORCING TESTING & INSPECTION					
• Rebar/PT Inspection & Testing (regular time)	8	@	\$40.00	hour	\$320.00
• Concrete Inspection & Testing (regular time)	10	@	\$40.00	hour	\$400.00
• Concrete Cylinder Test - (1 set of 4 cyl.)	16	@	\$15.00	each	\$240.00
• Concrete Test Cylinder Pickup	1	@	\$120.00	trip	\$120.00
• Project Manager	1	@	\$75.00	hour	\$75.00
• Vehicle Charge	2	@	\$40.00	trip	\$80.00
Sub-Total					\$1,235.00
M. BASKETBALLCOURT MOISTURE CONDITIONED SUBGRADE TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	2	@	\$155.00	each	\$310.00
• Moisture/Density Relationship of Soils (ASTM D-1557)	(as needed)	@	\$165.00	each	\$0.00
• Atterberg Limits	2	@	\$55.00	each	\$110.00
• Percent Minus #200 Sieve Analysis	2	@	\$30.00	each	\$60.00
• In-Place Density Test	120	@	\$15.00	each	\$1,800.00
• Sr. Engineering Tech to perform testing (regular time)	40	@	\$40.00	hour	\$1,600.00
• Project Manager	2	@	\$75.00	hour	\$150.00
• Vehicle Charge	4	@	\$40.00	trip	\$160.00
Sub-Total					\$1,910.00
N. ENTRY MONUMENT BELLED PIER TESTING & INSPECTION					
• Engineering Inspection and Review	3	@	\$125.00	hour	\$375.00
• 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	1	@	\$75.00	hour	\$75.00
• Vehicle Charge	1	@	\$40.00	trip	\$40.00
Sub-Total					\$990.00

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DESCRIPTION OF SERVICES	QUANTITY		UNIT FEE	UNIT	FEE
O. ALL SITE STRUCTURES MASONRY TESTING & INSPECTION					
• Concrete Inspection & Testing (regular time)	80	@	\$40.00	hour	\$3,200.00
• Mortar Cube Mold (1 set of 6 cubes each trip)	120	@	\$15.00	each	\$1,800.00
• Grout Prism Mold (1 set of 6 prisms each trip)	120	@	\$15.00	each	\$1,800.00
• Mortar Cube Pickup	4	@	\$120.00	trip	\$480.00
• Project Manager	8	@	\$75.00	hour	\$600.00
• Vehicle Charge	20	@	\$40.00	trip	\$800.00
Sub-Total					\$8,680.00
P. STRUCTURAL STEEL INSPECTION					
• Visual Inspection of Structural Steel by CWI (Min 5 Hr Trip)	30	@	\$75.00	hour	\$2,250.00
• Project Manager	3	@	\$75.00	hour	\$225.00
• Vehicle Charge	6	@	\$40.00	trip	\$240.00
Sub-Total					\$2,715.00
ESTIMATED TOTAL					\$99,280.00

- 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 293 days of steady work. Any deviations from this schedule will result in additional charges.**