



- GEOTECHNICAL ENGINEERING
- ENVIRONMENTAL CONSULTING
- CONSTRUCTION MATERIALS ENGINEERING AND TESTING

March 11, 2015

Ms. Patricia Jackson, PE, RAS
 Facilities Construction Manager
 City of McKinney
 222 N. Tennessee Street
 McKinney, Texas 75070

Phn: (972) 547-7500
 pjackson@mckinneytexas.org

Re: McKinney Air Center Hangar (MACH)
 McKinney, Texas
 Engineering Inspection & Testing Services
 AGG Proposal No: P15-0312C

Dear Ms. Jackson:

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 (972) 444-8889. If acceptable, please sign below and fax back 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

Alan Thomas, C.E.T.
 Project Manager

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

Approved by: _____
 Signature

Date: _____



SCHEDULE OF FEES
FOR
CONSTRUCTION MATERIALS ENGINEERING & TESTING
MCKINNEY AIR CENTER HANGAR PROPOSAL NO. P15-0312C

DESCRIPTION OF SERVICES	QUANTITY	UNIT	UNIT FEE	UNIT	FEE
A. MOISTURE CONDITIONED FILL/GRADE BEAM TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	4	@	\$150.00	each	\$600.00
• Atterberg Limits	4	@	\$50.00	each	\$200.00
• Swell Test	4	@	\$90.00	each	\$360.00
• Select Fill PI Verification	9	@	\$50.00	each	\$450.00
• Grade Beam Backfill In-Place Density Test	8	@	\$15.00	each	\$120.00
• Building pad In-Place Density Test	34	@	\$15.00	each	\$510.00
• Engineering Tech to perform testing	156	@	\$39.00	hour	\$6,084.00
• Engineering Tech to perform testing (Overtime)	30	@	\$58.50	hour	\$1,755.00
• Project Manager	20	@	\$85.00	hour	\$1,700.00
• Sr. Geotechnical Engineer	10	@	\$110.00	hour	\$1,100.00
• Vehicle Charge	21	@	\$30.00	trip	\$630.00
				Sub-Total	\$13,509.00
B. UTILITY BACKFILL/BOX CULVERT TESTING & INSPECTION					
• Moisture/Density Relationship of Soils (ASTM D-698)	1	@	\$150.00	each	\$150.00
• Atterberg Limits	1	@	\$50.00	each	\$50.00
• Sieve Analysis for Embedment	1	@	\$35.00	each	\$35.00
• In-Place Density Test	46	@	\$15.00	each	\$690.00
• Engineering Tech to perform testing	16	@	\$39.00	hour	\$624.00
• Project Manager	2	@	\$85.00	hour	\$170.00
• Vehicle Charge	4	@	\$30.00	trip	\$120.00
				Sub-Total	\$1,839.00
C. CONCRETE & REINFORCING TESTING & INSPECTION					
• Eng. Tech Reinforcing Steel Inspection	61	@	\$39.00	hour	\$2,379.00
• Concrete Inspection & Testing (regular time)	84	@	\$39.00	hour	\$3,276.00
• Paving Concrete Cylinder Test-(4 cyls per 100 cyd)	52	@	\$14.00	each	\$728.00
• Slab Concrete Cylinder Test-(4 cyls per 100 cyd)	16	@	\$14.00	each	\$224.00
• Project Manager	9	@	\$75.00	hour	\$675.00
• Vehicle Charge	20	@	\$30.00	trip	\$600.00
• Cylinder Pick Ups	27	@	\$39.00	hr	\$1,053.00
				Sub-Total	\$8,935.00

**SCHEDULE OF FEES
FOR
CONSTRUCTION MATERIALS ENGINEERING & TESTING
MCKINNEY AIR CENTER HANGAR PROPOSAL NO. P15-0312C**

DESCRIPTION OF SERVICES	QUANTITY	UNIT FEE	UNIT	FEE
D. PAVING DESIGN				
• Lime Series (5ea PI Points)	2	@ \$250.00	hour	\$500.00
• Engineering Technician to perform Testing	30	@ \$39.00	hour	\$1,170.00
• Lime Depths	9	@ \$15.00	hour	\$135.00
• Lime Gradations	9	@ \$15.00	hour	\$135.00
• Paving Subgrade/General Fill/Sidewalks Density Tests	9	@ \$15.00	each	\$135.00
• Vehicle Charge	5	@ \$30.00	each	\$150.00
			Sub-Total	\$2,225.00
E. STRUCTURAL STEEL - FIELD INSPECTION				
• Field Inspection by CWI (5 hr. min per trip)	25	@ \$65.00	hour	\$1,625.00
• Ultrasonic Testing by CWI	0	@ \$55.00	hour	\$0.00
• Project Manager	2	@ \$75.00	hour	\$150.00
• Vehicle Charge	5	@ \$45.00	trip	\$225.00
			Sub-Total	\$2,000.00
F. ROOFING INSPECTION				
• Roofing Inspection (5 hr. min per trip) (as needed)	40	@ \$39.00	hour	\$1,560.00
• Project Manager	4	@ \$75.00	hour	\$300.00
• Vehicle Charge	5	@ \$30.00	trip	\$150.00
			Sub-Total	\$2,010.00
			ESTIMATED TOTAL	\$30,518.00

NOTES:

- 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.
- All laboratory test fees are F.O.B. our laboratory; additional charge for sample pickup may apply.
- Any additional tests will be billed on a hourly rate and charged at the applicable rate, portal-to-portal.
- Additional test not specified in this proposal will be quoted upon request.
- This proposal does not include any technician stand-by, non-readiness charges, and/or trips or re-tests of the previous failing tests. Our proposal does not include a compliance letter, but can be added if requested.
- This proposal is based off of using concrete test cylinders in lieu of concrete beam specimens. Also, there were no structural plans available at the time of proposal so if numerous grade beams are used, there could be additional costs.

*** Assumptions:**

- * initial proctor pick up - 1 estimated site visit
- * building pad fills - 18 estimated site visits
- * paving subgrade stabilization - 6 estimated site visits
- * site utilities - 4 estimated site visits
- * concrete paving - 9 estimated concrete placements
- * concrete slabs - 2 estimated concrete placement
- * reinforcing steel inspection - 9 estimated site visits
- * concrete test cylinder pickup - 9 estimated site visits