ALPHA-OMEGA GEOTECH

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Tony Baccen
Public Works Director
City of Pleasant Hill, Missouri
203 Paul St
Pleasant Hill, MO 64080

May 8, 2025

Re: Field Services for 7 Hwy Water Line Replacement

Dear Tony:

The City of Pleasant Hill, Missouri, requires a local partner for special inspection services for its 7 Highway Water Line Replacement, located at 7 Highway, Pleasant Hill, Missouri. Alpha-Omega Geotech, Inc. (AOG) ensures quality construction at each site, and we are recognized as the local special inspection experts in the Kansas City metropolitan area.

We understand that this project involves compaction testing to replace a water line. Since we don't yet have many details in the schedule to reference, it's challenging to estimate total costs accurately. For now, here's a breakdown of how we would bill for the primary services.

Technician 1/2-Day – Concrete/Soil
Technician: 4 hrs. @ $85.00 .....$340.00
Nuke 4-hrs./Cyl Set 5: Nuke or Cyl @ $100 ..... $120.00
Trip Charges RT AOG (Metro KC) $40.00
Total ½-Day $500.00

Our firm will provide specialized inspections and material testing in accordance with the requirements provided. The fees for special inspections and testing services are based on the "Pleasant Hill Water Systems Improvement Highway 7 Waterline Project" Plans, dated March 26, 2025, and the specifications provided. All inspections are conducted by applicable ASTM standards and building codes. All field-testing services are provided on a unit-rate basis, as outlined in the attached unit rate schedule (see enclosed).

The number of trips and their duration will depend on site conditions and scheduling decisions made by the contractor, as well as those of the various subcontractors. In addition, the actual subsurface conditions encountered during work may also affect the total cost of these construction-phase inspection and testing services.

"We've worked with many geotechnical firms and prefer AOG. We always recommend them to customers. They are at the top of our list because they're problem solvers. AOG will listen to customers and come up with solutions that are solid and affordable."

Why Alpha-Omega Geotech?

- **We help move your projects forward** by proposing efficient solutions that allow you to stay on schedule and budget. The City of Pleasant Hill, Missouri gained a geotechnical partner with a reputation for being a comprehensive problem solver during construction to ensure projects stay on schedule, who also has unsurpassed knowledge of soil conditions in the Kansas City region. Our local laboratory and a large team of field technicians ensure we move quickly, providing fast results, excellent solutions, and deep knowledge of area soil compositions.

- **We have extensive experience.** Our staff has almost 200 years of combined geotechnical and material testing experience. The lead technicians we are proposing to work on this project individually have over 20 years of experience providing these services. AOG has provided special inspections and testing services for many similar projects in the metropolitan area for over 40 years.

- **Owners and contractors are our biggest fans.** This year we completed over 500 projects and 80% of those projects were for repeat clients and client referrals. Owners and contractors choose Alpha-Omega Geotech time and time again thanks to our on-site presence, daily interactions with contractors, responsiveness, and fair pricing. Where other large firms seek opportunities to bill for engineering input, our technicians provide immediate insights and can quickly consult and confirm with owners and contractors, often at no additional charge to our clients.

As our clients will attest, AOG is the go-to solutions-focused partner for all geotechnical needs in the Kansas City metropolitan area. We look forward to demonstrating this during your project and continuing our working relationship with the City of Pleasant Hill, Missouri. We have developed this proposal based on the information provided. We truly appreciate the opportunity to present our proposal and look forward to partnering with the City of Pleasant Hill, Missouri, to help execute the development of the 7 Hwy Water Line Replacement.

If you would like to retain AOG to provide construction testing services for the 7 Hwy Water Line Replacement, please complete the authorization form enclosed.

Please let us know if you have any questions. We understand you would like to move quickly, and we will follow up with you if we have not received your signed authorization form.

We look forward to continuing to work with you on this project. Please contact me with any questions and discuss the next steps.

Sincerely,

Dave Flessner
Director of Business Development
Alpha-Omega Geotech, Inc.
dflessner@AOGeotech.com
913-371-0000

AUTHORIZATION FORM

Target Parking Lot Improvements – Mission,KS

Date: May 8, 2025
Proposal No.: 250167

Prepared by Dave Flessner
Alpha-Omega Geotech, Inc.
1701 State Avenue, Kansas City, KS 66102
dflessner@aogeotech.com
www.aogeotech.com

To authorize the scope of services described in the above-referenced proposal, please return an executed copy of this signature sheet to our office via email, fax, or mail. Electronic signatures are acceptable.

We truly appreciate the opportunity to be of service. If you have any questions regarding this proposal, please call us at (913) 371-0000.

ACCEPTED BY:

Client (please print): _____

Address of Client: _____

_____

_____

Representative (print name): _____

Phone Number: _____

Email: _____

Signature of Representative: _____

Preferred Invoicing Contact: _____

Name / Phone Number: _____

Email: _____

Purchase Order # (if needed): _____

Please note that an authorized representative of the client and not another party acting as an agent of the client must carry out this agreement. All services rendered under this agreement will be provided in accordance with the enclosed terms and conditions on behalf of the client and invoices will be submitted to the address given above.

STANDARD FEES

The following hourly rates and service fees are based on fiscal year 2025.

Special Inspections, Field Observation, Monitoring and Testing

The following rates are for personnel and equipment to complete:

- Concrete Testing
- Compaction Testing
- Footing Inspections
- Placement of Reinforcing Steel
- Proof-Rolling
- Structural welding (visual inspection)
- High-strength bolting
- Fireproofing
- Masonry construction

The hourly rates for concrete testing services include all charges for determining the slump, air content and temperature of the concrete as well as fabricating test specimens.

Service	Unit	Rate
Engineering Field Technician (Material testing): Concrete testing and placement, Compaction testing, Reinforcing steel placement, Shallow foundation footing inspection, Proof-roll inspection, Observation of construction activities	Hourly (min. 4 hours) Daily	$85.00 $650.00
Special Inspections Certified Field Technician 1: As required by local building code (IBC)	Hourly (min. 4 hours) Daily	$100.00 $765.00
Special Inspections Certified Field Technician 2: Deep foundations (drilled piers or piles), Shoring, Structural steel, High-strength bolting, Post-installed anchor bolts, Structural masonry, Post-tensioned concrete slabs, Wood-frame inspection, EIFS/stucco, Spray-applied fireproofing, Commercial Roofing installation, Observation of construction activities	Hourly (min. 4 hours) Daily	$125.00 $965.00
Project Manager	Hourly	$125.00
Nuclear Density Gauge (equipment)	Per hour Daily	$25.00 $175.00

Laboratory Testing Services

The following rates are for laboratory testing services, reports, and related equipment.

Service	Unit	Rate
Standard Proctor (ASTM D698)	Per test	$225.00
Atterberg limits (ASTM D4318)	Per test	$95.00
Gradation / Sieve analyses (ASTM D422)	Per unit	$125.00
Concrete compressive strength testing (with report)	Per set of 5	$100.00
Flexural strength beams	Per set of 3	$300.00
Mortar compressive strength (with report)	Per 2” x 4” cylinder or 2” x 2” cube	$25.00
Grout compressive strength (with report)	Per block	$50.00
Preparation of Marshall specimens (ASTM D1559)	Set of 3	$175.00
Marshall density (ASTM D2726)	Set of 3	$175.00
Stability and flow	Set of 3	$125.00
Maximum theoretical specific gravity (ASTM D2041)	Each	$175.00
Extraction of asphaltic mix (KDOT KT-57) (ignition method)	Each	$225.00
Spray-applied fireproofing – Bond strength determinations	Each	$75.00
Spray-applied fireproofing – Density determinations	Each	$150.00
2-man crew w/coring machine	Hourly (min. 4 hours)	$250.00
Coring bit charge	Per inch	$10.00
Patching floor slabs/pavements	Each	$50.00

Consulting Fees Special Situations

The following rates are for meetings, special situations and other consulting services not included above.

Service	Unit	Rate
Field Engineer (Intern Engineer)	Hourly (4 Hour min.)	$135.00
Field Engineer (P.E.)	Hourly (4 Hour min.)	$175.00
Geotechnical Engineer (P.E.)	Hourly (4 Hour min.)	$225.00
Principal Engineer (P.E.)	Hourly (4 Hour min.)	$350.00

All hourly rates are based on 6am to 6pm Central Time Monday through Friday working hours. Hourly rates are based on a four (4) hour minimum charge unless otherwise indicated. A reduced three (3) hour minimum charge will apply for scheduled show-up trips when the construction work needing testing/inspection was not complete or ready at the time of the scheduled site visit. Hourly and mileage rates are portal-to-portal (A-OG). Invoicing will reflect the original reserved time period that is scheduled.

Daily rates may be used for trips (portal-to-portal) of six (6) hours or longer. To comply with ASTM testing requirements, concrete cylinder pickup charges may apply depending on the frequency of concrete testing, and standalone cylinder pickup trips will be billed at a two (2) hour minimum charge. AOG reserves the right to retain qualified subcontractors to provide services to meet project scheduling requirements and specific local municipality requirements. Visual weld inspections services, which do not include other forms of NDT, are quoted herein. NDT testing of required weldments will incur additional fees for the specialized NDT equipment required.

For all field services, mileage is charged at $0.95 per mile, portal-to-portal (A-OG). For all overtime hours (hourly before 6am and/or after 6pm, weekends, holidays, nights and beyond 8 hours), the rate will be 150% of the quotation.

A charge of 15% will be added for engineering review and for report preparation and administration on all field related services.

Reimbursable expenses:
Printing: Cost + 25%
Mileage: $0.95 per mile, portal-to-portal (A-OG). $25 min.

It should be understood the estimated amount for the construction phase inspection and testing services that has been calculated herein reflects the total for the given number of trips for each item. The actual number of trips that will be required will depend upon scheduling decisions that are made by the contractor and/or subcontractors, which are beyond our control. In addition, the actual subsurface conditions that are encountered when the excavation work is underway could also affect the total cost of the construction material testing services. Nevertheless, all of our services will be provided as scheduled by the project superintendent, or designated representative, on a time-and-material basis as required by the project requirements. As a result, the total cost of the required Special Inspections may be higher or lower than estimated. In addition, other testing services such as compaction testing of the paved areas, asphalt pavement, and curbing may not be included in this estimate, but can be provided if required by the project specifications at the unit rates given.

FINAL PAYMENT: All open invoices shall become due and payable prior to delivery/release of A-OG's "Final Special Inspections Report" to the client, owner, and/or city. If OWNER/CLIENT fails to make any undisputed payment due A-OG for services and expenses, the Final Special Inspection Report will not be released.