

PURCHASE OF SERVICE AGREEMENT

THIS AGREEMENT ("Agreement") is made this 24th day of June 2014, by and between the Adams County Board of County Commissioners, located at 4430 South Adams County Parkway, Brighton, Colorado 80601, hereinafter referred to as the "County," and, Ground Engineering Consultants, Inc., located at 7393 Dahlia Street, Commerce City, CO 80222 hereinafter referred to as the "Contractor." The County and the Contractor may be collectively referred to herein as the "Parties".

The County and the Contractor, for the consideration herein set forth, agree as follows:

1. SERVICES OF THE CONTRACTOR:

- 1.1. All work shall be in accordance with the attached RFP 2014.122 Materials Testing and Inspection Services and the Contractor's response to the Request for Proposal attached hereto as Exhibit A, and incorporated herein by reference. Should there be any discrepancy between Exhibit A and this Agreement the terms and conditions of this Agreement shall prevail.
- 1.2. Emergency Services: In the event the Adams County Board of County Commissioners declares an emergency, the County may request additional services (of the type described in this Agreement or otherwise within the expertise of the Contractor) to be performed by the Contractor. If the County requests such additional services, the Contractor shall provide such services in a timely fashion given the nature of the emergency, pursuant to the terms of this Agreement. Unless otherwise agreed to in writing by the parties, the Contractor shall bill for such services at the rates provided for in this Agreement.

2. RESPONSIBILITIES OF THE COUNTY: The County shall provide information as necessary or requested by the Contractor to enable the Contractor's performance under this Agreement.

3. TERM:

- 3.1. Term of Agreement: The Term of this Agreement shall be for one-year from the date of this Agreement.
- 3.2. Extension Option: The County, at its sole option, may offer to extend this Agreement as necessary for up to two, one year extensions providing satisfactory service is given and all terms and conditions of this Agreement have been fulfilled. Such extensions must be mutually agreed upon in writing by the County and the Contractor, and approved by the Adams County Board of County Commissioners.

4. PAYMENT AND FEE SCHEDULE: The County shall pay the Contractor for services furnished under this Agreement, and the Contractor shall accept as full payment for those services, the sum in the amount not to exceed two hundred and fifty thousand dollars (\$250,000).

4.1. Payment pursuant to this Agreement, whether in full or in part, is subject to and contingent upon the continuing availability of County funds for the purposes hereof. In the event that funds become unavailable, as determined by the County, the County may immediately terminate this Agreement or amend it accordingly.

5. **INDEPENDENT CONTRACTOR:** In providing services under this Agreement, the Contractor acts as an independent contractor and not as an employee of the County. The Contractor shall be solely and entirely responsible for his/her acts and the acts of his/her employees, agents, servants, and subcontractors during the term and performance of this Agreement. No employee, agent, servant, or subcontractor of the Contractor shall be deemed to be an employee, agent, or servant of the County because of the performance of any services or work under this Agreement. The Contractor, at its expense, shall procure and maintain workers' compensation insurance as required by law. **Pursuant to the Workers' Compensation Act § 8-40-202(2)(b)(IV), C.R.S., as amended, the Contractor understands that it and its employees and servants are not entitled to workers' compensation benefits from the County. The Contractor further understands that it is solely obligated for the payment of federal and state income tax on any moneys earned pursuant to this Agreement.**

6. **NONDISCRIMINATION:**

6.1. **The Contractor shall not discriminate against any employee or qualified applicant for employment because of age, race, color, religion, marital status, disability, sex, or national origin. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices provided by the local public agency setting forth the provisions of this nondiscrimination clause. Adams County is an equal opportunity employer.**

6.1.1. The Contractor will cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Agreement so that such provisions will be binding upon each subcontractor, provided that the foregoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.

7. **INDEMNIFICATION:** The Contractor agrees to indemnify and hold harmless the County, its officers, agents, and employees for, from, and against any and all claims, suits, expenses, damages, or other liabilities, including reasonable attorney fees and court costs, arising out of damage or injury to persons, entities, or property, caused or sustained by any person(s) as a result of the Contractor's performance or failure to perform pursuant to the terms of this Agreement or as a result of any subcontractors' performance or failure to perform pursuant to the terms of this Agreement.

8. **INSURANCE:** The Contractor agrees to maintain insurance of the following types and amounts:

8.1. **Commercial General Liability Insurance:** to include products liability, completed operations, contractual, broad form property damage and personal injury.

8.1.1. Each Occurrence: \$1,000,000

8.1.2. General Aggregate: \$2,000,000

8.2. Comprehensive Automobile Liability Insurance: to include all motor vehicles owned, hired, leased, or borrowed.

8.2.1. Bodily Injury/Property Damage: \$1,000,000 (each accident)

8.2.2. Personal Injury Protection: Per Colorado Statutes

8.3. Workers' Compensation Insurance: Per Colorado Statutes

8.4. Professional Liability Insurance: to include coverage for damages or claims for damages arising out of the rendering, or failure to render, any professional services, as applicable.

8.4.1. Each Occurrence: \$1,000,000

8.4.2. This insurance requirement applies only to the Contractors who are performing services under this Agreement as professionals licensed under the laws of the State of Colorado, such as physicians, lawyers, engineers, nurses, mental health providers, and any other licensed professionals.

8.5. Adams County as "Additional Insured": The Contractor's commercial general liability, comprehensive automobile liability, and professional liability insurance policies and/or certificates of insurance shall be issued to include Adams County as an "additional insured" and shall include the following provisions:

8.5.1. Underwriters shall have no right of recovery or subrogation against the County, it being the intent of the parties that the insurance policies so affected shall protect both parties and be primary coverage for any and all losses resulting from the actions or negligence of the Contractor.

8.5.2. The insurance companies issuing the policy or policies shall have no recourse against the County for payment of any premiums due or for any assessments under any form of any policy.

8.5.3. Any and all deductibles contained in any insurance policy shall be assumed by and at the sole risk of the Contractor.

8.6. Licensed Insurers: All insurers of the Contractor must be licensed or approved to do business in the State of Colorado. Upon failure of the Contractor to furnish, deliver and/or maintain such insurance as provided herein, this Agreement, at the election of the County, may be immediately declared suspended, discontinued, or terminated. Failure of the Contractor in obtaining and/or maintaining any required insurance shall not relieve the Contractor from any liability under this Agreement, nor shall the insurance requirements be construed to conflict with the obligations of the Contractor concerning indemnification.

8.7. Endorsement: Each insurance policy herein required shall be endorsed to state that coverage shall not be suspended, voided, or canceled without thirty (30) days prior written notice by certified mail, return receipt requested, to the County.

8.8. Proof of Insurance: At any time during the term of this Agreement, the County may require the Contractor to provide proof of the insurance coverage or policies required under this Agreement.

9. TERMINATION:

9.1. For Cause: If, through any cause, the Contractor fails to fulfill its obligations under this

Agreement in a timely and proper manner, or if the Contractor violates any of the covenants, conditions, or stipulations of this Agreement, the County shall thereupon have the right to immediately terminate this Agreement, upon giving written notice to the Contractor of such termination and specifying the effective date thereof.

- 9.2. For Convenience: The County may terminate this Agreement at any time by giving written notice as specified herein to the other party, which notice shall be given at least thirty (30) days prior to the effective date of the termination. If this Agreement is terminated by the County, the Contractor will be paid an amount that bears the same ratio to the total compensation as the services actually performed bear to the total services the Contractor was to perform under this Agreement, less payments previously made to the Contractor under this Agreement.

10. MUTUAL UNDERSTANDINGS:

- 10.1. Jurisdiction and Venue: The laws of the State of Colorado shall govern as to the interpretation, validity, and effect of this Agreement. The parties agree that jurisdiction and venue for any disputes arising under this Agreement shall be with Adams County, Colorado.
- 10.2. Compliance with Laws: During the performance of this Agreement, the Contractor agrees to strictly adhere to all applicable federal, state, and local laws, rules and regulations, including all licensing and permit requirements. The parties hereto aver that they are familiar with § 18-8-301, et seq., C.R.S. (Bribery and Corrupt Influences), as amended, and § 18-8-401, et seq., C.R.S. (Abuse of Public Office), as amended, and that no violation of such provisions are present. The Contractor warrants that it is in compliance with the residency requirements in §§ 8-17.5-101, et seq., C.R.S. Without limiting the generality of the foregoing, the Contractor expressly agrees to comply with the privacy and security requirements of the Health Insurance Portability and Accountability Act of 1996 (HIPAA).
- 10.3. OSHA: The Contractor shall comply with the requirements of the Occupational Safety and Health Act (OSHA) and shall review and comply with the County's safety regulations while on any County property. Failure to comply with any applicable federal, state or local law, rule, or regulation shall give the County the right to terminate this agreement for cause.
- 10.4. Record Retention: The Contractor shall maintain records and documentation of the services provided under this Agreement, including fiscal records, and shall retain the records for a period of three (3) years from the date this Agreement is terminated. Said records and documents shall be subject at all reasonable times to inspection, review, or audit by authorized Federal, State, or County personnel.
- 10.5. Assign Ability: Neither this Agreement, nor any rights hereunder, in whole or in part, shall be assignable or otherwise transferable by the Contractor without the prior written consent of the County.
- 10.6. Waiver: Waiver of strict performance or the breach of any provision of this Agreement shall not be deemed a waiver, nor shall it prejudice the waiving party's right to require strict performance of the same provision, or any other provision in the future, unless

such waiver has rendered future performance commercially impossible.

10.7. Force Majeure: Neither party shall be liable for any delay or failure to perform its obligations hereunder to the extent that such delay or failure is caused by a force or event beyond the control of such party including, without limitation, war, embargoes, strikes, governmental restrictions, riots, fires, floods, earthquakes, or other acts of God.

10.8. Notice: Any notices given under this Agreement are deemed to have been received and to be effective: 1) Three (3) days after the same shall have been mailed by certified mail, return receipt requested; 2) Immediately upon hand delivery; or 3) Immediately upon receipt of confirmation that an E-mail was received. For the purposes of this Agreement, any and all notices shall be addressed to the contacts listed below:

Department: Adams County Transportation Department
Contact: Rene Valdez, Construction Manager
Address: 4430 South Adams County Parkway
City, State, Zip: Brighton, CO 80601
Phone: 720.523.6961
E-mail: rvaldez@adcogov.org

Department: Adams County Purchasing
Contact: Liz Estrada, Contract Administrator
Address: 4430 South Adams County Parkway
City, State, Zip: Brighton, Colorado 80601
Phone: 720.523.6052
E-mail: lestrada@adcogov.org

Department: Adams County Attorney's Office
Address: 4430 South Adams County Parkway
City, State, Zip: Brighton, Colorado 80601
Phone: 720.523.6116

Contractor: Ground Engineering Consultants, Inc.
Contact: Andrew J. Suedkamp.P.E., President
Address: 7393 Dahlia Street
City, State, Zip: Commerce City, CO 80222
Phone: 303.289.6742
E-mail: Andrew.suedkamp@groundeng.com

10.9. Integration of Understanding: This Agreement contains the entire understanding of the parties hereto and neither it, nor the rights and obligations hereunder, may be changed, modified, or waived except by an instrument in writing that is signed by the parties hereto.

10.10. Severability: If any provision of this Agreement is determined to be unenforceable or invalid for any reason, the remainder of this Agreement shall remain in effect, unless otherwise terminated in accordance with the terms contained herein.

10.11. Authorization: Each party represents and warrants that it has the power and ability to

enter into this Agreement, to grant the rights granted herein, and to perform the duties and obligations herein described.

11. CHANGE ORDERS OR EXTENSIONS:

- 11.1. Change Orders: The County may, from time to time, require changes in the scope of the services of the Contractor to be performed herein including, but not limited to, additional instructions, additional work, and the omission of work previously ordered. The Contractor shall be compensated for all authorized changes in services, pursuant to the applicable provision in the Invitation to Bid, or, if no provision exists, pursuant to the terms of the Change Order.
- 11.2. Extensions: The County may, upon mutual written agreement by the parties, extend the time of completion of services to be performed by the Contractor.

12. COMPLIANCE WITH C.R.S. § 8-17.5-101, ET. SEQ. AS AMENDED 5/13/08: Pursuant to Colorado Revised Statute (C.R.S.), § 8-17.5-101, *et. seq.*, as amended May 13, 2008, the Contractor shall meet the following requirements prior to signing this Agreement (public contract for service) and for the duration thereof:

- 12.1. The Contractor shall certify participation in the E-Verify Program (the electronic employment verification program that is authorized in 8 U.S.C. § 1324a and jointly administered by the United States Department of Homeland Security and the Social Security Administration, or its successor program) or the Department Program (the employment verification program established by the Colorado Department of Labor and Employment pursuant to C.R.S. § 8-17.5-102(5)) on the attached certification.
- 12.2. The Contractor shall not knowingly employ or contract with an illegal alien to perform work under this public contract for services.
- 12.3. The Contractor shall not enter into a contract with a subcontractor that fails to certify to the Contractor that the subcontractor shall not knowingly employ or contract with an illegal alien to perform work under this public contract for services.
- 12.4. At the time of signing this public contract for services, the Contractor has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this public contract for services through participation in either the E-Verify Program or the Department Program.
- 12.5. The Contractor shall not use either the E-Verify Program or the Department Program procedures to undertake pre-employment screening of job applicants while this public contract for services is being performed.
- 12.6. If the Contractor obtains actual knowledge that a subcontractor performing work under this public contract for services knowingly employs or contracts with an illegal alien, the Contractor shall: notify the subcontractor and the County within three (3) days that the Contractor has actual knowledge that the subcontractor is employing or contracting with an illegal alien; and terminate the subcontract with the subcontractor if within

three days of receiving the notice required pursuant to the previous paragraph, the subcontractor does not stop employing or contracting with the illegal alien; except that the Contractor shall not terminate the contract with the subcontractor if during such three (3) days the subcontractor provides information to establish that the subcontractor has not knowingly employed or contracted with an illegal alien.

- 12.7. Contractor shall comply with any reasonable requests by the Department of Labor and Employment (the Department) made in the course of an investigation that the Department is undertaking pursuant to the authority established in C.R.S. § 8-17.5-102(5).
- 12.8. If Contractor violates this Section, of this Agreement, the County may terminate this Agreement for breach of contract. If the Agreement is so terminated, the Contractor shall be liable for actual and consequential damages to the County.

The remainder of this page is left blank intentionally.

IN WITNESS WHEREOF, the Parties have caused their names to be affixed hereto:

Board of County Commissioners

[Signature]
Chairman

6-24-14
Date

Ground Engineering Consultants, Inc.

Andrew Suedkamp
Signature

7-10-14
Date

Andrew Suedkamp
Printed Name

President
Title

Attest:

Karen Long, Clerk and Recorder [Signature]
Deputy Clerk

Approved as to Form: [Signature]
Adams County Attorney's Office

NOTARIZATION OF CONTRACTOR'S SIGNATURE:

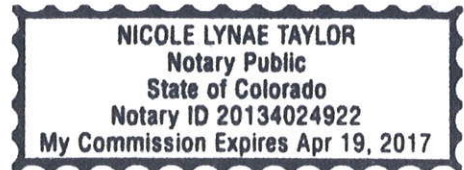
COUNTY OF Arapahoe)

STATE OF Colorado)SS.

Signed and sworn to before me this 10th day of July, 2014,

by Andrew Suedkamp,

[Signature]
Notary Public



My commission expires on: 4/19/2017

CONTRACTOR'S CERTIFICATION OF COMPLIANCE

Pursuant to Colorado Revised Statute, § 8-17.5-101, *et.seq.*, as amended 5/13/08, as a prerequisite to entering into a contract for services with Adams County, Colorado, the undersigned Contractor hereby certifies that at the time of this certification, Contractor does not knowingly employ or contract with an illegal alien who will perform work under the attached contract for services and that the Contractor will participate in the E-Verify Program or Department program, as those terms are defined in C.R.S. § 8-17.5-101, *et. seq.* in order to confirm the employment eligibility of all employees who are newly hired for employment to perform work under the attached contract for services.

CONTRACTOR:

Ground Engineering
Company Name

7.10.14
Date

Andrew Suedkamp
Signature

Andrew Suedkamp
Name (Print or Type)

President
Title

Note: Registration for the E-Verify Program can be completed at: <https://www.vis-dhs.com/employerregistration>. It is recommended that employers review the sample "memorandum of understanding" available at the website prior to registering

Adams County, Colorado

2014.122 Materials Testing and Inspection Services
for 2014 Capital Improvement Projects



Submitted to:
Adams County, Colorado
Attn: Liz Estrada, Contract Administrator
Adams County Government Center
4430 South Adams County Parkway, Suite C4000A
Brighton, CO 80601-8212

V. PROPOSAL SIGNATURE PAGE

ADAMS COUNTY, COLORADO
PROPOSAL SIGNATURE PAGE

2014.122 MATERIALS TESTING AND INSPECTION SERVICES
FOR 2014 CAPITAL IMPROVEMENT PROJECTS

VENDOR'S STATEMENT

I have read and fully understand all the special conditions herein set forth in the foregoing paragraphs, and by my signature set forth hereunder, I hereby agree to comply with all said special conditions as stated or implied. In consideration of the above statement, the following proposal is hereby submitted.

WE THE UNDERSIGNED HEREBY ACKNOWLEDGE RECEIPT OF

Addenda # 1 Addenda # _____ Addenda # _____

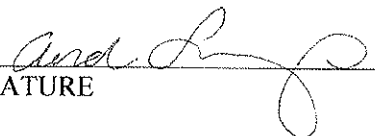
If None, Please write NONE.

Ground Engineering Consultants, Inc. 5/15/14
COMPANY NAME DATE

Corporation 84-0946714
TYPE OF ENTITY (CORPORATION, TAX IDENTIFICATION NUMBER
GENERAL PARTNERSHIP, ETC.)

Colorado
STATE OF INCORPORATION,
IF APPLICABLE

7393 Dahlia Street
ADDRESS


SIGNATURE

Commerce City, CO 80222
CITY, STATE, ZIP CODE

Andrew J. Suedkamp, P.E.
PRINTED SIGNATURE

303-289-1989
TELEPHONE NUMBER

303-289-6742
FAX NUMBER

Adams
COUNTY

President
TITLE (Corporate Officer/Manager/General or
Registered Agent, or General or Managing

Partner)

(Seal - If Proposal is by a Corporation)



May 15, 2014

Adams County, Colorado
Attn: Liz Estrada, Contract Administrator
Adams County Government Center
4430 South Adams County Parkway, Suite C4000A
Brighton, CO 80601-8212

GROUND Engineering Consultants, Inc. (GROUND) appreciates the opportunity to provide you with our qualifications to perform materials testing and inspection services for the 2014 Capital Improvement Projects for Adams County. All proposed services will be completed by **in-house personnel from our Commerce City office located within Adams County.** Our project approach will provide the best value to Adams County based on our experience with several comparable contracts and projects completed for various municipalities throughout Colorado.

GROUND has had the opportunity to provide construction materials testing and inspection services throughout many municipalities on both public and private projects in the Front Range including past projects for Adams County. GROUND also has the experience of working on a variety of other projects including small and large commercial projects, educational facilities, recreation centers and large infrastructure projects. Our project diversity, expertise, experience and mutually integrated service are a value GROUND brings to your projects.

GROUND's goal is to successfully partner with Adams County and provide the materials testing and construction management/inspection resources to support the construction team in completing successful projects.

WHY GROUND?

- ❖ **Celebrating over 30 years of experience** in providing geotechnical engineering, construction engineering and management and construction materials testing and special inspection services to the Rocky Mountain region and the Front Range on similar contracts and projects,
- ❖ **Experience with providing similar services** to Adams County and additional municipalities,
- ❖ Previous record of providing value added service to overcome project challenges,
- ❖ **Experienced staff of 170+** engineers, construction managers and inspectors, geologists, special inspectors and technicians with the proper certifications to provide the requested services to Adams County,
- ❖ GROUND has **extensive experience with CDOT** specifications, regulations and documentation while holding construction inspection contracts for CDOT in Regions 1,2,3,4, and 6; GROUND has completed hundreds of CDOT projects throughout Colorado,
- ❖ Extensive experience with the anticipated construction activities including **hundreds of State and Local municipal materials testing and inspection projects completed** throughout the Front Range area including but not limited to the Highway 36 Reconstruction project Phase I and II, Central Park Boulevard Construction, City of Boulder Broadway Reconstruction, Boulder Pearl Parkway Reconstruction, Boulder Safe Routes to School, Boulder 28th Street Multi-Path, Wheat Ridge

32nd Avenue Widening, Wheat Ridge Taft and 38th Infrastructure Inspection, Douglas County 2013 Asphalt Overlay Program, Southeast Metro Stormwater Authority (SEMSWA) Dove Creek Pond D-2, SEMSWA Windmill Creek Pond W-1, 2014 City of Centennial On-Call Materials Testing and Inspection, and Town of Berthoud Mountain Avenue Phase 3, CBRE Various Contracts, 1st Industrial Realty and numerous other projects,

- ❖ Commitment to meeting and exceeding expectations for promptness and responsiveness of services and reports.

We are submitting GROUND's qualifications for your review. Should you require any additional information, please do not hesitate to contact me. We look forward to the prospect of bringing the benefit of our directly related experience to your projects and to continuing to develop an enjoyable and rewarding relationship with Adams County in making your projects the most successful they can be.

Sincerely,
Ground Engineering Consultants, Inc.



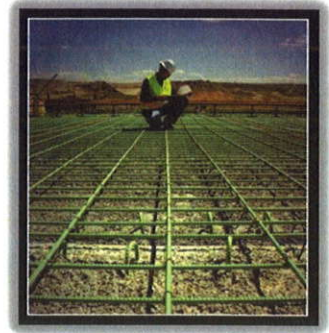
Rachelle Smith
Ground Engineering Consultants, Inc.
7393 Dahlia Street
Commerce City, Colorado 80022
Phone: 303-289-1989
Fax: 303-289-1686
Email: Rachelle.smith@groundeng.com

Organizational Background and Overview

Ground Engineering Consultants, Inc.
Colorado Corporation – 1984
Location: 7393 Dahlia Street, Commerce City, CO 80022
Phone: 303-289-1989

COMPANY HISTORY

GROUND is celebrating 30 years of experience in providing geotechnical engineering, **construction materials testing, and special inspection services** to the Front Range. GROUND offers a rich and diverse history with which to aid Adams County in both the pre-construction and construction phases of your proposed capital improvement projects. GROUND is first and foremost a service company. Along with our service approach, another reason we have achieved success in our industry is our commitment to hire qualified people and our commitment to develop all members of our staff into well-rounded, experienced technicians and engineers. As a result, our clients consistently recognize our staff for providing outstanding professional service.



Recent project experience with Adams County: 2013 Concrete Replacement Program, 2013 Asphalt Program, N. Colorado Boulevard and Hwy 7 Box Culvert, 2012 Street Maintenance Program, York and 64th Pipe, Kenwood Outfall Storm Sewer, Imboden Road 88th to 120th, 2012 Miscellaneous Concrete Improvements, Goat Hill Phase 2B, Adams County Safe Routes to School, Henderson Road Culvert Replacement, 2012 Facilities Maintenance Project, 78th Avenue Sidewalk, 2010 Asphalt Coring, Clay Street Outfall Structure.

In addition, GROUND has had the privilege of working directly with Rene Valdez and Vince Junglas on various projects.

STAFF LOCATION

GROUND's staffing is distributed throughout its 6 offices throughout Colorado. GROUND's proposed project team for the Adams County materials testing and inspection services will provide all services, in-house from **our office and laboratory in Commerce City, Colorado located within Adams County**. GROUND has over 170+ experience personnel with 70 operating from our Commerce City office. Our staff consists of Professional Engineers (PE), Engineers in Training (EIT), Registered Geologists (RG), Certified Weld Inspectors (CWI), Construction Inspectors and Field Technicians who are either Civil Engineering graduates or working toward NICET II and higher certification. GROUND has a fully staffed Certified Weld Inspector division consisting of 7 full time Certified Weld Inspectors with over 100 years of combined experience. In addition, we have 5 full time highly qualified and certified ICC building inspectors familiar with the requirements for building/special inspection.

GROUND's qualified staff has extensive experience with geotechnical engineering, construction materials testing and special inspections for infrastructure and building projects including city, county, state and federally funded projects. Due to GROUND's 30 year history of providing materials testing and inspection services throughout Colorado, we have been privileged to work with all of the local contractors and design engineers on various projects through the years.

Specific project team members have been proposed for the anticipated work associated with the Capital Improvement Projects listed. If an increase in personnel for the Adams County projects is needed, then GROUND will access its pool of qualified and certified field engineers and technicians to meet Adams County's needs.

Laboratory Qualifications: GROUND participates in several national reference sample programs, and is accredited by both the AASHTO Materials Reference Laboratory (AMRL), and the Cement and Concrete

Reference Laboratory (CCRL). Our laboratory has passed rigorous inspections by the U.S. Army Corp of Engineers and CDOT. GROUND has the laboratory capabilities to maintain timely and accurate results regardless of the quantity of samples.

GROUND prides itself in providing cutting edge technology and equipment for specialty services that enhance our ability to provide services that meet and exceed our Clients' expectations.

Proposed Staffing

GROUND has the Staffing Capacity and Experience to provide resources to respond and perform appropriately to meet the project schedule. The proposed personnel are available for assignment to the Adams County projects. Our staffing capacity and resources allow us to respond to the required work load and to perform the work concurrently with other projects.

GROUND proposes an experienced project team capable to respond to the inspection and materials testing service requirements of Adams County. Our staff and project team is committed to exceeding industry standards and guidelines and have extensive experience with construction inspection for both small and large infrastructure projects. The proposed staff members are all based in our Commerce City office. **All services will be provided utilizing in-house personnel.**

The following is the proposed project team. Resumes for the following key personnel are included in the subsequent Attachments section of the submittal:



**James B. Kowalsky, P.E. – Vice President, Principal Engineer
28 Years of Experience**

Mr. Kowalsky has been employed with GROUND for over 28 years and is currently responsible for management, planning and completion of a wide variety of geotechnical and construction inspection projects. As Vice President of GROUND Engineering and the principal engineer for this contract, Mr. Kowalsky will provide supervision for the overall GROUND project team, as well as provide any technical expertise, which may be necessary for problem resolutions during construction of the project. Mr. Kowalsky's responsibilities include company-wide management, planning and completion of construction and geotechnical projects, staff planning and training, coordination and allocation of resources and client contact and service. Over his 28 years of experience, Jim has provided quality control management of roadways, airports, bridges, drainage-ways, mine sites, commercial buildings and residential developments.



**Scott Sickler, P.E. – Director of Construction Management Services; Construction Engineer
18 Years of Experience**

Mr. Scott Sickler will serve as the Construction Project Engineer for all work accomplished under this contract. Mr. Sickler has over 18 years of experience providing construction management services, inspection and project management of geotechnical engineering, construction materials inspection, and specialty services projects throughout Colorado, as well as numerous additional States. He is an experienced construction engineer who has successfully provided professional services on numerous similar projects including the Adams County Asphalt Coring and Subsurface Verification (I-25 and Washington Street between 54th to 84th Avenue), Imboden Road Construction, Highway 36 Reconstruction (CDOT documentation), City of Boulder Broadway Reconstruction and Pearl Parkway Reconstruction (CDOT documentation), Central Park Boulevard Construction (CDOT documentation), SEMSWA Dove Creek Pond D-2, SEMSWA Windmill Creek Pond W-1, 2013 Douglas County Asphalt Overlay Program, 2013 City of Wheat Ridge Construction Management, the Town of Berthoud Mountain Avenue Phase 3 (CDOT Documentation), City of Federal Heights Construction

Management, US Highway 6, US 287, SH 66 to Littleton Thompson River, US 85 Fort Lupton to Platteville Overlay, I-76 Fort Morgan to Brush Phase II, SH 74 Idledale Bridge, US 285 Schaeffer's Crossing Bridge, Lowe's construction management contract, CBRE various contract, 1st Industrial Realty and numerous other projects.

His primary responsibilities include project engineering and construction management services for GROUND's Construction Management Department. Scott has extensive experience with providing construction management of State and Local infrastructure projects, quality assurance and quality control management, as-built verification, quantity and pay application verification and municipal/CDOT project closeout documentation. Mr. Sickler provides owner representation for overseeing observation and reporting, plan review, progress and quantity documents, final inspection, punch listing, overseeing tenant turnover, pavement rehabilitation, including specification generation, preparation and award of bid packages.



**Mr. Mark Guikema, P.E. – Construction Engineer
11 Years of Experience**

Mr. Guikema is experienced with planning, management and completion of construction projects throughout Colorado. His project roles have included directly assisting Mr. Sickler in overseeing observation and reporting, plan review, progress and quantity documents, final inspection, punch listing, overseeing tenant turnover, pavement rehabilitation, including specification generation, preparation and award of bid packages, and overseeing construction. His construction inspection/management project experience includes but is not limited to Adams County Asphalt Coring and Subsurface Verification (I-25 and Washington Street between 54th to 84th Avenue), Imboden Road Construction, Douglas County Overlay Program, SEMSWA Ponds, Federal Heights Pavement Program, City of Sheridan, Cherry Hills III, and 755 Parfet. Mr. Guikema is also certified and experienced in construction inspection services.

His experience also includes performing FWD and GPR testing and data analysis for pavement management programs, geotechnical investigations for commercial, residential and municipal projects including evaluation of data, soil investigations, drilling, coring and report writing, and training of staff and client contact and service.



**Tony Frydenlund - Construction Services Project Manager
11 Years of Experience**

As the construction project manager, Mr. Frydenlund is responsible for coordinating and scheduling the materials testers and inspectors, provide appropriate equipment and resources, reviewing the testing and inspection reports and documentation for the work that they provide to our clients. Tony reviews reports on a daily basis and works with the project engineer, Mr. Sickler, to provide accurate, reliable, timely data for project observations and inspections. Most recently, Mr. Frydenlund has managed on-call contracts for municipalities and districts including Adams County On-Call Projects including 2013 Concrete Replacement Program, 2013 Asphalt Program, N. Colorado Boulevard and Hwy 7 Box Culvert, 2012 Street Maintenance Program, York and 64th Pipe, Kenwood Outfall Storm Sewer, Imboden Road 88th to 120th, 2012 Miscellaneous Concrete Improvements, Goat Hill Phase 2B, Adams County Safe Routes to School, Henderson Road Culvert Replacement, 2012 Facilities Maintenance Project, 78th Avenue Sidewalk, 2010 Asphalt Coring, Clay Street Outfall Structure, such as SEMSWA, Greenwood Village, South Suburban Parks and Recreation and the Rampart Range Metro District.



**Craig Taylor – Construction Inspector and Materials Tester
14 Years of Experience**

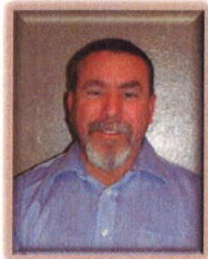
- BA - Theology/Greek Degree
- Over 14 years of experience with GROUND
- Experienced construction materials tester and inspector
- Currently providing construction management and inspection services for the State Hwy 44 over Platte and 104th Avenue Improvements

- Certifications Include: NICET Level II – Asphalt, Concrete, Soils, CAPA LabCat Certified; Level A, Level B, ACI Field Certified; Level I, ACI Certified Strength, Troxler Nuclear Safety Certification, WAQTC, Embankment & Base Testing, ICC – Spray-Applied Fireproofing Special Inspector, CDOT Erosion Control Supervisor Training
- Past Adams County Experience: Adams County 2013 Concrete Replacement Program, 2013 Asphalt Program, N. Colorado Boulevard and Hwy 7 Box Culvert, 2012 Street Maintenance Program, York and 64th Pipe, Kenwood Outfall Storm Sewer, Imboden Road 88th to 120th, 2012 Miscellaneous Concrete Improvements, Goat Hill Phase 2B, Adams County Safe Routes to School, Henderson Road Culvert Replacement, 2012 Facilities Maintenance Project, 78th Avenue Sidewalk, 2010 Asphalt Coring, Clay Street Outfall Structure; Additional experience includes City of Boulder Broadway Reconstruction, I-225/Parker Road Flyover, I-70/I-270 Interchange, Stapleton Filings, East Hwy 36 Interchange and Bridge, I-25 Hwy 52 to CR 16 Widening, Prairie Gateway Infrastructure, Commerce City Civic Center, Stapleton North Business Center, Federal Boulevard Widening, SH 128 & 120th Avenue Improvements, SH 128 to Interlocken Loop, Dillon Road & 120th Avenue Intersection Improvements



**Ron Welty – Construction Inspector and Materials Tester
12 Years of Experience**

- Over 12 years of experience with GROUND
- Experienced construction materials tester and inspector; leads materials tester internal training program
- Currently providing construction management and inspection services for the 104th Avenue Improvements and the Coyote Ridge Filing 8 Project
- Certifications Include: NICET Level II – Asphalt, Concrete, Soils, CAPA LabCat Certified; Level A, Level B, ACI Certified; Level I, Troxler Nuclear Safety Certification, WAQTC/Embankment & Base Testing, ICC – Structural Masonry Special Inspector, ICC – Spray-Applied Fireproofing Special Inspector, Post-Tensioning Institute Certification; Level I & II, Reinforcing Steel Special Inspector, ICC – Soils Special Inspector, Stormwater Management and Erosion Control
- Past Adams County Experience: Adams County 2013 Concrete Replacement Program, 2013 Asphalt Program, N. Colorado Boulevard and Hwy 7 Box Culvert, 2012 Street Maintenance Program, York and 64th Pipe, Kenwood Outfall Storm Sewer, Imboden Road 88th to 120th, 2012 Miscellaneous Concrete Improvements, Goat Hill Phase 2B, Adams County Safe Routes to School, Henderson Road Culvert Replacement, 2012 Facilities Maintenance Project, 78th Avenue Sidewalk, 2010 Asphalt Coring, Clay Street Outfall Structure; Additional experience includes CDOT Climbing Lanes, Moss Street Extension, DIA 8/26 Runway Rehabilitation



**Michael Kerns – Construction Inspector and Materials Tester
17 Years of Experience**

- Previous CDOT Consultant
- Experienced construction management inspector
- Currently providing construction management and inspection services for the I-25, TREX Bridges Preventative Maintenance
- Certifications Include: CAPA Levels A, B, C, & S, CAPA Asphalt Inspector, ACI Concrete Field Testing Level I, ACI Concrete Lab, ACI Concrete Strength, Nuclear Gauge Radiation Safety and Use, Traffic Safety Control Supervisor, WAQTC EBBT Technician, Storm Water Management, NICET Level I – Soils in Construction Materials Testing, NICET Level II –Asphalt in Construction Materials Testing, NICET Level II – Concrete in Construction Materials Testing, C-DOT Plan Reading, Survey and Math, C-DOT Bridge Girder Erection Certification, Crusher / Screening Management, TECS (Erosion Control Supervisor), Davis Bacon Payroll Training
- Past Experience Includes: I-25 & Santa Fe Bridge Replacement, RTD West Corridor, State Highway 9, Fairplay Drainage and Highway Improvements, State Highway 73 South, I-25 Highway 7 South to 120th Avenue, Fort Morgan Rural Highway Projects, I-70 Eisenhower Tunnel West to Silverthorne, College Avenue, DIA Runway and D-Ice Pads, and E-470/Northwest Parkway



**Kent Austin, PE – Construction Inspector and Materials Tester
6 Years of Experience**

- Professional Engineer
- Degree in civil engineering from Colorado School of Mines
- Experienced construction management inspector and tester
- Currently providing construction management and inspection services to the Jefferson County Quincy Avenue Reconstruction
- Experienced in geotechnical engineering and environmental engineering services as well
- Certifications Include: Professional Engineer, ACI Certified Level 1, Troxler Nuclear Safety Certified, WAQTC Soils Inspector, CAPA LabCat Certified Level A and B, PTI Level 1 and 2, ICC Reinforced Concrete, OSHA 10-Hour Construction Safety, BNSF Safety Orientation, UPRR Safety Orientation, RWP Safety Orientation, CDOT Math/Plan Reading/Survey
- Past Experience: City of Wheat Ridge Taft and 38th Inspection, City of Wheat Ridge 32nd Avenue Widening, DIA STRP, Streets at Southglenn Development, Conduit 302

Field Technicians – supplemental to the Construction Inspectors as required by project schedules.

The Field Technicians will be responsible for reporting to the project site at the requested time, providing the requested materials testing services, recording test data, communicating the test results to the Project Manager and completing testing reports. Materials testing results will be recorded daily so that reports and project books are always up to date. Items requiring corrections will be completed quickly. Follow-up during project closeout will be timely to assure that any issues are closed quickly. GROUND will work closely with the Construction Inspector and Project Manager to provide daily coordination and data reporting that meets the needs of Adams County.

Hector Avendano – 3 years of experience

BS Civil Engineering University of Colorado Denver
Troxler Nuclear Gauge Safety Training,
WAQTC
ACI Certified; Level I

Josh St. Onge – 3 years of experience

Troxler Nuclear Safety Certification
WAQTC
ACI Field Level I, ACI Strength
CDOT Erosion Control Supervisor
CAPA A&B, ICC Soil Special Inspector, Post
Tension I

Jeff Perzinski, EI – 2 years of experience

BS Engineering Physics Colorado School of Mines
MS Electrical Engineering Colorado School of Mines
MS Applied Physics Colorado School of Mines
Engineering Intern
Troxler Nuclear Safety Certification

(Jeff Perzinski continued)

WAQTC
ACI Field Level 1
CAPA – Level A, B
ICC Reinforced Concrete Special Inspector
Associate
NICET Level 1- Asphalt, Concrete, Soils
ASCET Certified
BNSF, Union Pacific E-Rail Safety
Safeland Training

Ben Fesmire – 1+ year of experience

BS Concrete Industry Management Middle
Tennessee State University
Associate in Business Administration Middle
Tennessee State University
Nuclear Gauge Certified
ACI Level I
WAQTC
CAPA A & B
CDOT Pavement Inspector

Please see the Attachment Section for Field Technician resumes.

Additional approved Managers, Inspectors and Field Technicians can be provided as necessary

Firm Experience

GROUND is experienced in all phases of construction management, inspection, materials testing and documentation, sampling, inspecting and project closeout, as well as preliminary roadway engineering, geotechnical investigation and design. GROUND has successfully performed construction management, inspection, materials testing, pavement engineering and geotechnical services on over 175 CDOT roadway projects and hundreds of other transportation/infrastructure related projects across the State of Colorado and neighboring states.

GROUND has held construction management contracts including but not limited to:

- CDOT in Regions 1,2,3,4, and 6
- Highway 36 Reconstruction project Phase I and II
- Central Park Boulevard Construction
- City of Boulder Broadway Reconstruction
- Boulder Pearl Parkway Reconstruction
- Boulder Safe Routes to School
- Boulder 28th Street Multi-Path
- Wheat Ridge 32nd Avenue Widening
- Wheat Ridge Taft and 38th Infrastructure Inspection
- Douglas County 2013 Asphalt Overlay Program
- Southeast Metro Stormwater Authority (SEMSWA) Dove Creek Pond D-2
- SEMSWA Windmill Creek Pond W-1
- 2014 City of Centennial On-Call Materials Testing and Inspection
- Town of Berthoud Mountain Avenue Phase 3
- CBRE Various Contracts
- 1st Industrial Realty
- numerous other projects

In addition, GROUND has provided on-call materials testing services to various local municipalities throughout the Front Range including Adams County, City of Lakewood, Boulder County, Jefferson County, City and County of Broomfield, City of Thornton, City of Arvada, City of Northglenn, City of Commerce City, City of Westminster, City of Loveland, City of Greenwood Village, City of Littleton, City of Aurora, Arapahoe County, Douglas County and numerous additional municipalities throughout our 30 year history.

RELEVANT PROJECT EXPERIENCE DESCRIPTIONS:

City of Boulder Broadway Reconstruction: Construction Inspection and Materials Testing Services

Personnel: Tony Frydenlund, Craig Taylor, Ron Welty, Scott Sickler, Jim Kowalsky

The Broadway (Pine to Iris) Reconstruction Project represents the largest single transportation project to be constructed in the City of Boulder. It was a joint venture between the Federal Highway Administration, Colorado Department of Transportation, and the City of Boulder. The project consisted of the construction of 5.5 lane miles of new concrete roadway, replacement of 65,000 SF of sidewalk, new transit stops, Farmer's Ditch structure, installation of 1.3 miles of storm sewer lines, 1.8 miles of water lines, 0.3 miles of sanitary sewer line, 4.4 miles of fiber-optic line, 1.1 miles of gas lines, private utilities, and new concrete hardscape.



Reference: City of Boulder

Mr. Alex May, P.E.

Phone: 303-441-3269 Email: maya@bouldercolorado.gov

City of Wheat Ridge Taft and 38th Infrastructure: Construction Inspection and Materials Testing Services

Personnel: Tony Frydenlund, Craig Taylor, Kent Austin

GROUND provided construction inspection services to the City of Wheat Ridge on 2 infrastructure projects in support of private residential developments within the City. Construction inspection services include plan review, observation and inspection of construction activities, pay estimate measurements and quantity calculations,

enforcement of project specifications, construction monitoring, reporting and coordinating directly with the City of Wheat Ridge Project Manager.

Reference: City of Wheat Ridge
Mr. Russell Higgins, P.E.
Phone: 303-235-2869 Email: rhiggins@ci.wheatridge.co.us



Douglas County 2013 Douglas County Asphalt Overlay Construction Management

Personnel: Scott Sickler, Ron Welty

The municipal project includes approximately 16 miles of asphalt roadway rehabilitation.

Roadway improvements include asphalt milling and overlay within various high traffic areas of Highlands Ranch and Douglas County. Specific challenges for the project include high levels of automobile and pedestrian traffic so safety, traffic control and scheduling were primary concerns. Construction management services included plan review, materials quality review and inspection, construction phasing, traffic control review, quantity verification/pay applications, and project punch list and closeout.

Reference: Douglas County – Department of Public Works Engineering
Mr. Terry Gruber, P.E.
Phone: 303-663-6284 Email: tgruber@douglas.co.us

Members of the project team and additional inspectors at GROUND provided services for the previous and following recent or ongoing projects in the respective roles outlined in the Proposed Staffing section of the submittal.

City of Boulder – Boulder Junction Infrastructure Construction Inspection
City of Boulder – Broadway Reconstruction Utility Inspection
US 36 Phase I and Phase II – includes 16 construction inspectors full time
City and County of Denver Utility Inspection for hundreds of private developments
Stapleton Redevelopment – inspection of all utility infrastructure since development started
Additional references can be provided upon request

Demonstrated Work History: GROUND completes hundreds of similar on-call contract projects within a year for various municipalities around the Denver Metro area. GROUND continually earns the privilege to perform repeat work with numerous municipalities. GROUND takes great pride in providing the best service possible and keeping the client's project needs as the primary concern.

Project Approach

The GROUND Team approaches each job with a primary goal of completing the project on time and within budget while providing the highest level of service. We are committed to work with Adams County to successfully achieve this goal. We have a reputation for aggressively representing our client's interests while being able to develop technically sound and cost effective solutions with the design and contractor team.

We are also known for providing practical answers, which work in the real world. One of the foremost tools to facilitate teamwork between our Team members, the owner, designer and contractor is the utilization of **open and effective communication**. One primary role of the Team is to respond to any and all problems that might arise during the project that potentially can increase costs, extend the schedule or result in a completed project that does not meet the expectations of the client.

Municipal improvement projects can be extremely intricate and multi-phased. Infrastructure projects within Adams County will require the subconsultant to be experienced with the challenges of detours, lane shifts, traffic flow, and maintaining business accesses. Urban building projects present the additional challenge of high levels of pedestrian traffic and confined construction spaces. Both types of municipal projects have the need for a

constant focus on safety. GROUND has extensive experience providing materials testing and inspection services effectively while maintaining the project safety and meeting the challenges an urban setting provides.

GROUND will provide projects under this contract with comprehensive professional construction materials testing and inspection services. The GROUND Project Manager will coordinate with Adams County to develop a complete project specific scope of services. GROUND will routinely coordinate and communicate with the Adams County Project Engineer/Manager throughout the project period.

All required documentation will be recorded daily so that reports and project books are always up to date. The manager will also evaluate our performance both from a technical and service standpoint and he will discuss these items with the Adams County Project Engineer/Manager. Items requiring corrections will be completed quickly. Follow-up during project closeout will be timely to assure that any issues are closed quickly.



Our goal is to provide high quality construction materials testing and inspection services from start to finish for the Adams County projects. The construction inspector will provide on-site observation and inspection, daily reporting, regularly attend the scheduled progress meetings, review pay estimate measurements and quantity calculations, provide enforcement of the project specifications to ensure they are in adherence to CDOT and Adams County specifications, as well as communicate regularly with the Adams County project team members. The construction field inspection services will be overseen by GROUND's Construction Project Engineer and daily schedule coordination and equipment resource management will be under the supervision of the Construction Project Manager.

The field staff, including Field Engineers, Engineering Technicians, Senior Engineering Technicians, and Construction Managers, will be provided on-site on a scheduled basis for the required quality assurance testing to be conducted during the construction. The field staff is cross-trained and certified in soils testing, concrete testing, asphalt testing, chemically stabilized soils, and other technical certifications. Certifications include ACI Certification for concrete testing, Nuclear Safety/Troxler certification, CAPA / LabCat A, B and E certification for asphalt field and laboratory testing, WAQTC and NICET program participation for soils / aggregates testing as well as additional certifications pertaining to vertical construction projects. If FWD testing is requested, it would be performed by our specialty services department which consists of three professional engineers and three degreed engineers.

STAFFING CAPACITY:

Specific project team members have been proposed for the anticipated work associated with the Adams County Capital Improvement Projects listed. If an increase in personnel for the Adams County projects is needed, then GROUND will access its pool of qualified and certified field engineers and technicians to meet Adams County's needs. **GROUND has over 170+ personnel company wide and over 70 qualified personnel located at our Commerce City office. GROUND has the capacity to meet any of Adams County project needs Regardless of personnel category.**

Hourly Billing Rates:

Principal Engineer: \$125.00 per hour	Construction Inspector: \$80.00 per hour
Construction Project Engineer: \$95.00 per hour	Field Technician: \$45.00 per hour
Construction Project Manager: \$85.00 per hour	

Please see the 2014 Fee Schedule in the Attachment section for detailed breakdown sheet of itemized costs. A project specific proposal can be prepared once plans and specifications are available for review.

GROUND has the qualifications, personnel, experience and expertise to provide the construction materials testing and inspection services required to successfully complete this contract with Adams County. We appreciate being considered for these services.

GROUND ENGINEERING CONSULTANTS, INC.

FEE SCHEDULE - CONSTRUCTION SERVICES (2014) 2014C1.1

MATERIAL TESTING AND SPECIAL INSPECTION

Construction Materials Testing and Special Inspections (*Time is round trip from office to project site and return*)

- a. Engineering Technician see proposal
- b. Senior Engineering Technician see proposal
- c. Overtime (Over 8hrs/day, weekends, nights after 6pm) Personnel Hourly Rate + \$15.00 per hour
- d. Vehicle Mileage see proposal (not typically charged)
- e. Daily Rates (includes personnel, vehicle and equipment) see proposal
- f. Weld Testing (MT,PT,UT), ASNT Qualified, Visual Weld Insp., (AWS, API CWI Qual.), Bolt Tension & Special Insp. see proposal
- g. NDE - Weld Inspection Instrumentation – Ultra Sonic and Magnetic Particle \$40.00/day
- h. Trip Charge (covers vehicle and equipment) see proposal

LABORATORY TESTING

Standard Proctor Compaction (ASTM D 698)	\$90.00	Fireproofing: Thickness, Density, Adhesion	Tech Time
Modified Proctor Compaction (ASTM D 1557)	\$100.00	Asphalt Extraction and Gradation Tests	\$150.00
Check Point Proctor.....	\$45.00	Special Tests/Sample Preparation	\$40.00-\$60.00/hour
Natural Density and Moisture Content.....	\$12.50	Marshall Properties:	
Specific Gravity (ASTM D 854).....	\$60.00	Field production sample	\$175.00
Aggregate Specific Gravity.....	\$60.00	Laboratory sample (3 specimens/point)	\$200/point
Gradation Analysis (ASTM D 422)		SHRP Mix Analysis SHRP Gyrotory Compaction, 3 points	
a. All Standard Sieve to #200 Sieve.....	\$55.00	Field Production Sample	\$250.00
b. Percent Less Than #200 Sieve	\$35.00	Laboratory Sample	\$300.00
c. Hydrometer Analysis, add.....	\$55.00	Theoretical Maximum Specific Gravity (D 2041)	\$95.00
"R"-Value (ASTM D 2844)	\$300.00	Effect of Water on Cohesion of Compacted	
Atterberg Limit (ASTM D 4318)	\$45.00	Bituminous Mixtures (D 1075) Field Production	\$200.00
Sand Equivalent (ASTM D 2419)	\$95.00	Laboratory Specimens	\$260.00
Relative Density (ASTM D 2049).....	\$200.00	Lottman Tests.....	\$300.00
Clay Lumps and Friable Particles (C 142).....	\$35.00	Ignition Oven Calibration	\$200.00
Concrete Compression Test, Cylinders.....	\$14.00/ea	Neutron Oven Test (AC).....	\$60.00
Flat or Elongated Particles (D 4791)	\$60.00	Coring – Asphalt	\$75.00/each
Soil Stabilization Mixture Analysis	Quote	Asphalt and Concrete Mixture Analysis	Quote
Concrete Flexural Test, Beams	\$55.00	Soundness (ASTM C 88).....	\$175.00
Mortar Cubes	\$20.00/ea	Fractured Faces Test.....	\$60.00
Masonry Prisms	\$85.00/ea	Los Angeles Abrasion Test.....	\$150.00
Grout Specimens.....	\$30.00/ea	pH Test	\$35.00
Soil Stabilization Pucks	\$250.00/set of 3	Water Soluble Sulfates Test	\$45.00
Floor Flatness and Levelness FF/FL Testing	Quote	Uncompacted Voids Test.....	\$75.00
Maturity Meter.....	Quote	Bulk Specific Gravity - Asphalt.....	\$50.00
Laboratory Technician	\$40.00-\$60.00/hour	Permeability	
Moisture Coupons	Sr. Tech Time + \$35.00 per coupon	a. Falling or Constant Head, 2-4" Diameter.....	\$200.00
Relative Density (F2170).....	\$50.00/each	b. Triaxial Permeability	\$350.00
Shotcrete Cores.....	\$60.00/ea		

ENGINEERING

(Covers planning and general supervision, field trips, analysis, consultation, preparation of reports, and travel time.)

Principal Engineer	\$125.00-\$175.00/hour
Project Manager	\$85.00-\$105.00/hour
Project Engineer, Weld Engineer or Geologist	\$75.00-\$95.00/hour
Staff/Field Engineer	\$65.00-\$75.00/hour
ICC Building Inspection (D.F.S. Approved)	\$65.00-\$80.00/hour
CAD Technician.....	\$50.00/hour
Special Consultation, Expert Testimony and Court Appearance	Negotiable Daily Rate

MISCELLANEOUS

Out-of-town living expenses, commercial travel costs, equipment rental, etc.....	Cost +15%
Interest charged after 30 days from invoice date	1.5%/month
Outside Laboratory Services	Cost +20%
Pile Dynamic Analysis, Ground Penetrating Radar, Cross Hole Sonic Logging, Sonic Echo, Thermal Conductivity and Resistivity	Quote
Mobile Laboratory	Quote (Project Specific)

Jeff Perzinski

Field Technician
2 Years of Experience

EDUCATION

B.S. Engineering Physics-Colorado School of Mines
M.S. Electrical Engineering-Colorado School of Mines
M.S. Applied Physics-Colorado School of Mines

PROFESSIONAL REGISTRATIONS and CERTIFICATIONS

Engineering Intern
Troxler Nuclear Safety Certification
WAQTC
ACI Field Level 1
CAPA – Level A, B
ICC Reinforced Concrete Special Inspector Associate
NICET Level 1- Asphalt, Concrete, Soils
ASCET Certified
BNSF, Union Pacific E-Rail Safety
Safeland Training

EXPERIENCE

Field-testing includes testing of soils, aggregates, asphalt, and concrete for a variety of projects. Mr. Perzinski has experience providing soils, concrete, asphalt testing and drilled pier observations on project sites throughout the Denver area. On a daily basis, field- testing and observation including: soils testing for utility (Storm, Water, and Sanitary) construction, foundations, infrastructure pavement subgrade, trench retaining wall and foundation backfill. Additional experience includes: reinforcing steel special inspections, chemically stabilized sub grade driven pile observation, screw pile observation, post-tension cable placement and elongation observation, masonry inspection/testing, open hole observation, maturity meter reading and concrete testing on footings, grade beams, slabs, pavement, sidewalks, and other concrete structures.

Laboratory testing includes soil testing, asphalt testing, and concrete testing.

PROJECT EXPERIENCE

Margaret Carpenter Park
Federal Boulevard Widening
Prospect Ridge School
Camden Apartments
DIA Level 5
DIA Misc. Roadways
Bluebird Sprouts

Aurora Compressor
Brighton Compressor
Rocky Mountain Fire Station #6
Genesee Water Treatment Facility
Northglenn Water Treatment Facility
DIA Runway Project
DIA Rehab Project

Fairfax Park
Sterling Water Treatment Facility
Arvada Fire Station
64th Avenue Asphalt Replacement
Halliburton
Boys and Girls Club
Ball Aerospace
Conduit 302 36" Pipeline
Dillon Road & 120th Intersection
Improvements
2012 Misc. Concrete
NREL ESIF
Colorado Mills Outparcel
State Highway 128 West 120th
Avenue Phase II
Colorado Mini Storage
DIA Alamo
CU Campus Utilities
Metro Par 1085 South Secondary
Improvements
16th and Market
Cadence Apartments-Denver
One Union Station, Denver
Union Station, Denver
Union Station Block A, Denver
Balfour Cosmopolitan Club, Denver
5th Street Garage (Auraria Campus)-
Denver
City House-Denver
Denver Art Museum Admin Bldg.
Palisade Filing 1
Armstrong Relocation Warehouse
Libretto Apartments-Brighton
Park 12 Hundred Phase 1 Remodel
Home 2 Suites, Lakewood
Urban Drainage Ridge Road Tributary
Dunkirk Elementary
2020 Lawrence
Marquez Hall (School of Mines)
Park Hill
High Street Outfall

Josh St. Onge

Field Technician
3 Years of Experience

PROFESSIONAL REGISTRATIONS and CERTIFICATIONS

Troxler Nuclear Safety Certification
WAQTC
ACI Field Level I, ACI Strength
CDOT Erosion Control Supervisor
CAPA A&B, ICC Soil Special Inspector, Post Tension I

EXPERIENCE

Field-testing and observation including soils testing, drilled pier observation, concrete testing, structural masonry testing and observation, as well as asphalt field-testing. Testing and observation includes utility (water, sanitary and storm) construction, foundation and asphalt pavement subgrade, trench retaining wall and foundation backfill. Additional experience includes reinforcing steel observation, Soil Nail shoring observation, and Red and blue top observation for roadway.

Laboratory testing including soils testing and concrete testing.

PROJECT EXPERIENCE

Metro Par 1085
Metro Bar Screen
Fort Lupton Gravel Pit Embankment
Sterling WTP
NREL Moss St
Brighton Elementary 27J
Brighton NWTP
Clayton Academy
MEC/MESA
Margaret Carpenter Park
Federal Widening
2020 Lawrence
Front Range Airport

Systems Biotech Building at CU Boulder
NREL ESIF
Halliburton
SH 128 Relocate & Interlocken Loop
Broomfield Waterline
SH 128 & 120th Ave Phase II
DIA 2012 Rehab Runway
City House
Cadence Apartments
Union Station
One Union Station
RMMA Airport

Ben Fesmire

Field Technician
1 Year of Experience

EDUCATION

BS Concrete Industry Management, Middle Tennessee State University
Associate in Business Administration, Middle Tennessee State University

PROFESSIONAL REGISTRATIONS and CERTIFICATIONS

Nuclear Gauge Certified
ACI Level I
WAQTC
CAPA A & B
CDOT Pavement Inspector

EXPERIENCE

Field laboratory testing includes testing of soils, aggregates, asphalt, and concrete for a variety of projects. Mr. Fesmire has experience providing soils, concrete, asphalt testing, drilled pier observations, and driven pile observations on project sites throughout the Denver area. On a daily basis, field- testing and observation including: soils testing for utility (Storm, Water, and Sanitary) construction, foundations, infrastructure pavement subgrade, trench retaining wall and foundation backfill. Additional experience includes: reinforcing steel observation and concrete testing on footings, grade beams, slabs, pavement, sidewalks, and other concrete structures.

Prior to working at GROUND, Mr. Fesmire had experience working in a decorative concrete manufacturing facility including cast concrete structures, acid staining of concrete features and other miscellaneous concrete work.

PROJECT EXPERIENCE

City House Building, Denver
Colorado Mini Storage
Dunkirk Elementary
Standley Lake High School
Carrabba's Italian Grill, Denver West
Metro PAR 1085 Waste Management Facilities
Union Station North Wing
16 M Building
Armstrong Warehouse Relocation
DIA Alamo Enterprise
AMLI Riverfront Building
Curtis Garage Parking Garage Repairs

96th Avenue Road Improvements
DIA Runway 17L 35R
Denver Art Museum Admin Building
LoHi Apartments
CDOT SH 44 over S. Platte
Avery Brewery
DIA Concourse C Gate Expansion
5th Street Parking Garage
DIA Tech Center
1520 Market Street Renovation
Crofton Elementary School Addition
Holy Trinity House Addition & Remodel

Hector Avendano

Field Technician/Engineer

EDUCATION

University of Colorado of Denver 2005 – 2009 Bachelor's Degree, Civil Engineering

PROFESSIONAL REGISTRATIONS and CERTIFICATIONS

Troxler Nuclear Gauge Safety Training,
WAQTC
ACI Certified; Level I

EXPERIENCE

Mr. Avendano's experience includes testing and special inspections during major earthwork operations including, roadway embankment and subgrade, runway embankment and subgrade, cement stabilized subgrade, aggregate base course placement and utility trenching and backfill, as well as structural fills for buildings and bridges. He has also performed testing on other construction materials including asphalt and concrete. Mr. Avendano has performed special inspections during masonry construction and reinforced concrete construction.

Mr. Avendano is currently performing field and laboratory testing during the reconstruction of the runway at Buckley Air Force Base. This project also included laboratory test demonstrations for the Army Corp of Engineers to gain the certifications of the mobile laboratory set up on the project.

PROJECT EXPERIENCE

DIA Runway Rehab Project
RTD Fastracks P3 Eagle
CU Campus Utilities
2013 Adams County Street Maintenance
Halliburton Phase II Pavement
5th Street Garage
16th & Market
City House
Balfour Apartments

Union Station Block A
Amlri Riverfront Apartments
Rocky Mountain Fire Station
Camden
Buckley Air Force Base Runway
Replacement