

AGREEMENT FOR  
PROFESSIONAL SERVICES  
BETWEEN  
ROCKSOL CONSULTING GROUP INC.  
AND  
MESA COUNTY

**2023 ON-CALL QUALITY ASSURANCE TESTING SERVICES**

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RFQ-23-03037-QA

ROCKSOL QUALIFICATIONS

## **AGREEMENT FOR PROFESSIONAL SERVICES**

This Agreement for Professional Services ("Agreement") is made by and between **ROCKSOL CONSULTING GROUP, INC.**, a Colorado corporation ("Consultant") and **MESA COUNTY, COLORADO**, a political subdivision of the State of Colorado (hereinafter "County" or "Board").

### **ARTICLE 1 - CONSULTANT'S SERVICES & PERSONNEL**

The Consultant shall perform all services and furnish all materials, equipment, labor, permits and other things necessary to skillfully complete the work described in RFQ-23-03037-QA and Attachment A. Upon notification to proceed, the Consultant shall promptly commence and diligently continue the work to completion in compliance with RFQ-23-03037-QA and Attachment A. The Consultant's services shall be performed by experienced personnel in accordance with professional industry practices and standards.

The Consultant shall follow and comply with all federal, state and local government laws, rules, regulations, codes, ordinance and orders applicable to the work hereunder.

The Consultant shall be responsible for completeness and accuracy of its work and shall correct all errors or omissions at its own expense. The Consultant assumes entire responsibility and liability for death or injury to all persons, whether employees of the Consultant or otherwise, and damage to all property arising from or occurring in connection with the Consultant's work, caused by the Consultant's negligence or acts or omissions. Liens or claims arising from or occurring in connection with the Consultant's work shall be immediately removed and discharged by the Consultant.

Key personnel have been identified by the Consultant and relied upon by the County in awarding this Agreement. Mesa County reserves the right to re-negotiate or terminate the contract if either of the following occurs:

- There is a significant (50%) change in the Consultant's key personnel without approval; or
- The Project Engineer is changed during the performance of the contract without approval.

In the event the Consultant desires to change any key personnel or the Project Engineer during the agreement period, the Consultant must submit for prior approval a written request demonstrating the extraordinary circumstances and providing: local availability of the substituted key personnel or Project Engineer; professional qualifications; related project experience; and, current and future commitments. In addition to the remedies above, if, for whatever reason, a key personnel or Project Engineer is deemed unsuitable or a hindrance to the cooperative completion of the Project, Mesa County may remove that person from the Consultant's design team.

## **ARTICLE 2 - COMPENSATION**

County shall pay the Consultant for its services in accordance with RFQ-23-03037-QA a not to exceed \$100,000.00 and shall submit charges as agreed upon as shown in Attachment A. If an authorized change to the scope of work or request for additional services under Article 3 causes an increase or decrease in the Consultant's work, an equitable adjustment shall be made to the Consultant's compensation in accordance with the terms of Article 3 and this Agreement shall be modified in writing accordingly.

The Consultant shall submit statements for basic services once per month. Each invoice shall present a summary of services provided, a summary table of billings to date with respect to the contract amount, and an invoice amount based upon the work completed all in accordance with RFQ-23-03037-QA and Attachment A. If County objects to any statement submitted by the Consultant, County shall so advise the Consultant in writing giving reasons therefor within 14 days of receipt of such statement. If no such objection is made the statement will be considered acceptable by County and the County's Project Manager will make a recommendation to pay the amount recommended.

## **ARTICLE 3 - CHANGES TO SCOPE OF WORK, SUSPENSION**

County may request the Consultant to make changes to the scope of work or perform additional services. Such changes or additions may include the work required to evaluate such a request. Prior to commencing work which constitutes such a change or addition, the Consultant and County shall agree in writing to the exact nature of the change or addition. This writing, when signed by both parties or their authorized agents, shall constitute an authorization for changes or additions and shall contain a description of the work, the commencement date and expected completion date for the work, and any special conditions applicable to the work.

If an authorization for changes or additions causes an increase or decrease in the Consultant's work, the parties shall in good faith attempt to reach a written agreement adjusting the Consultant's compensation in an equitable manner. The Consultant agrees to make no claim for compensation attributable to unauthorized work.

County may at any time, by written notice to the Consultant, suspend further performance of the work by the Consultant. Upon receiving notice of suspension, the Consultant shall promptly suspend further performance of the work to the extent specified. During the period of suspension, the consultant shall properly care for and protect all work in progress. County may at any time withdraw the suspension of performance of the work as to all or part of the suspended work by written notice to the Consultant specifying the effective date and scope of withdrawal. The Consultant shall then resume diligent performance of the work for which the suspension was withdrawn.

If suspension or withdrawal of suspension justifies modification of the Consultant's compensation, an equitable adjustment shall be made under Attachment "A" and this Agreement shall be modified in writing accordingly. Mesa County or their authorized agent shall determine whether a modification is justified.

#### **ARTICLE 4 - RECORDS, AUDIT, OWNERSHIP OF DOCUMENTS**

The Consultant shall maintain its records of performance in safekeeping for a period of three years after completion of the work, unless the circumstances dictate retention of records for a longer period. If any dispute arises in connection with the project or the Consultant's work such as litigation, arbitration, government proceedings, audits or any other form of claim process, the Consultant shall maintain its records of performance for a period of three years after full and final resolution of the matter.

All documents, graphics, exhibits and data, including magnetic media, developed for, and furnished by the Consultant pursuant to this Agreement shall become the property of County, unless otherwise provided in this Agreement.

#### **ARTICLE 5 - CONFLICT OF INTEREST, NO CONTINGENT FEES**

The Consultant represents that it has no direct or indirect interest and will not acquire any such interest which would conflict with the performance of services required to be performed under this Agreement.

#### **ARTICLE 6 - CONFIDENTIAL & PROPRIETARY INFORMATION**

County and the Consultant, to the extent of their rights and abilities to do so, shall exchange technical data and information reasonably required of each to perform this Agreement.

Each party agrees that it will not disclose to any third party any confidential or proprietary information revealed to it by the other, if such information is not known to the public, unless such disclosure is required by state, federal or local law. This covenant shall survive termination of this Agreement.

#### **ARTICLE 7 - SOFTWARE RIGHTS, COPYRIGHT, PATENT, TRADEMARK**

County shall retain ownership and proprietary rights of its software programs or data to be used and/or developed under this Agreement. County retains the right to use, sell and/or modify the data and database developed and/or modified by the Consultant in performing the services under this Agreement. The Consultant assumes no responsibility for data modified or reused by County.

#### **ARTICLE 8 - INSURANCE**

The Consultant shall procure and continuously maintain during the term of this Agreement, insurance of the kinds and with the limits not less than the amounts shown below:

**8.1 Workers' Compensation and Employer's Liability Coverage** - Workers' compensation limits as required by the State of Colorado and Employer's Liability limits of: \$100,000 each accident; \$100,000 disease each employee; \$500,000 disease policy limit.

**8.2 Commercial General Liability ("Occurrence Form")** - 1,000,000 combined single limit, per occurrence for bodily injury, personal injury and property damage.

**8.3 Comprehensive Automotive Liability.** \$1,000,000 per accident bodily injury and property damage, combined.

**8.4 Excess Liability ("Umbrella Form")** - \$1,000,000 limit per occurrence; \$1,000,000 aggregate.

**8.5 Professional Errors and Omissions.** \$1,000,000 PER CLAIM, minimum level of coverage.

The Consultant's insurance policies shall be endorsed to include, for the benefit of County, a 30-day advance written notice of cancellation, non-renewal, or reduction in policy limits of liability by endorsement. Additionally it shall specifically state on the Commercial General Liability and Auto Liability policies the following: "Mesa County, it's officers, officials, employees and volunteers as INSUREDS, as respects liability, on behalf of Consultant, arising out of this Contract." All certificates of insurance are to be submitted on standard "ACCORD 25-S" form. A Certificate of such insurance coverage naming Mesa County, its officials, officers, employees and agents as insured, shall be supplied to Mesa County upon signing of this Contract. Failure to obtain or maintain such insurance shall constitute a breach of the Contract.

Consultant shall require all subcontractors and sub-subcontractors to maintain during the term of this agreement, Commercial General Liability insurance, Comprehensive Automobile Liability insurance, and Workers' Compensation and Employers' Liability insurance, in the same manner as specified for Consultant. Consultant shall furnish subcontractors' certificates of insurance to the Board, with a copy to the Board's Contract Administrator, immediately upon request. Additional requirements are outline on Attachment F of this Agreement.

## **ARTICLE 9 - TERM AND TERMINATION**

This Agreement shall continue in force until completion of all services required of the Consultant, unless terminated by County or the Consultant pursuant to the provisions herein.

This Agreement may be terminated in whole or in part in writing by either party in the event of substantial failure by the other party to fulfill its obligations under this Agreement through no fault of the terminating party. No such terminations shall be effective until the other party is given not less than 10 working days' written notice of intent to terminate and an opportunity for consultation with the terminating party prior to termination.

This Agreement may be terminated in whole or in part in writing by County for its convenience. No such terminations shall be effective until the Consultant is given not less than 10 working days' written notice of intent to terminate and opportunity for consultation with County prior to termination.

Upon receipt of a notice of termination, the Consultant shall promptly discontinue all services affected (unless the notice directs otherwise), and deliver or otherwise make available to County all finished or unfinished documents and all information which has been accumulated, developed, or prepared by the Consultant in performing services under this Agreement.

The Consultant shall be paid on a pro rated basis for work properly completed under this Agreement through the effective date of termination, less allowances for errors in work which must be corrected, or liens or claims arising from or occurring in connection with the Consultant's work. Upon any termination of this Agreement, County may take over the work and complete it by agreement with another party or otherwise.

## **ARTICLE 10 - GENERAL**

**10.1** If any part, term or provision of the Agreement is held to be invalid or unenforceable by a court or other authority with like jurisdiction to adjudicate the rights and duties of the parties, the remainder of this Agreement shall be unaffected and enforceable, and there shall be deemed substituted for the affected provision a valid and enforceable provision as similar as possible to the affected provision.

**10.2** This Agreement shall inure to the benefit of and shall be binding upon the parties and their respective legal representatives, successors, and permitted assigns.

**10.3** No delay or failure by County to exercise any right under this Agreement, and no partial or single exercise of that right, shall constitute a waiver of that or any other right. Payment by County shall not constitute a waiver of any breach or default by the Consultant.

**10.4** In the performance of work under this Contract, the Consultant shall be deemed to be, and is, an independent Consultant with the authority to control and direct the performance and details of its work, the County being interested only in the results obtained. The Consultant shall in no way be considered an agent, employee, joint venture or partner of County. As an independent consultant, Consultant shall be responsible for payment of all taxes including federal, state and local taxes arising out of the activities under this Contract, including by way of illustration but not limitation, federal and state income tax, Social Security tax, unemployment insurance taxes, and any other taxes or license fees required.

**10.5** The County reserves the right, without notice and at reasonable times, to inspect the work accomplished by the Consultant under this Contract. The right of inspection reserved in the County is for protection of County in assuring that the work is proceeding in a timely and satisfactory manner and does not relieve the Consultant from responsibility for selecting appropriate means of fulfilling its obligations hereunder. The reservation of right of inspection in the County does not permit nor enlarge County's direction and control over the Consultant or Project nor grant the County authority to direct the means selected, course of work or quality of work beyond the standards established in RFQ-23-03037-QA, related bid documents or proposals and industry or professional standards.

**10.6** Neither party shall be considered in default of its obligations of its performance is prevented or delayed by an existing or future major condition including, without limitation, act of government, act of God, strike, insurrection, embargo, fire, flood, earthquake, explosion, riot, war, rebellion, sabotage, epidemic, or any other cause beyond the reasonable control of a party.

**10.7** Notice required or permitted hereunder shall be in writing and shall be deemed to have been given when received by the party to whom it is directed by hand delivery, facsimile, or mail delivery at the address contained in Article 11 below; provided, however, as a matter of good faith and fair dealing, notice should be given in the most efficient and speedy manner called for by the circumstances;

**10.8** Any other work, materials, equipment or machinery not specifically described or expressly covered herein, but which is required or necessary to perform or complete the work which is contemplated, shall be deemed to be, and is, covered by this Contract.

**10.9** The Consultant shall perform its work hereunder in accordance with sound and acceptable industry or professional practices and standards and in accordance with all codes, standards, regulations, and laws applicable to the work; and prior to beginning work, shall secure, at Consultant's expense, all necessary permits required by any governmental agency with jurisdiction.

**10.10** Precautions shall be exercised at all times for the protection of all persons (including County employees) and property. The safety provisions of all applicable laws, regulations, and codes shall be observed. Hazards arising from the use of vehicles, machinery, and equipment shall be guarded or eliminated in accordance with the highest accepted standards of safety practice. The Consultant and any sub-consultants shall comply fully with all requirements of the Occupational Safety and Health Act, and any other pertinent Federal, State or Local Statutes, rules or regulations. The Consultant and any sub-consultants shall bear full responsibility for payment of any fines or other punishments resulting from violation of any such statutes, rules or regulations.

**10.11** This is a personal services contract on the part of the Consultant. This Contract may not be assigned or subcontracted without the prior express written consent of the County and any attempt to assign this Contract without the prior express written consent of the County shall render the Contract null and void with respect to the attempted assignee. This Agreement is not intended to benefit any 3<sup>rd</sup> party.

**10.12** The County, or its designee, may, at reasonable times, during the term of this Contract or for two years after its termination or expiration, audit the Consultant's books with regard to this Contract, and the Consultant shall retain its books and records for the required period.

**10.13** This is not an exclusive Contract. The County may, at its sole discretion, contract with other entities for work similar to that to be performed by the Consultant hereunder. Consultant may contract to perform similar work for others, and is not expected to work exclusively for County.



**10.14** This Contract is and shall be deemed to be performable in the County of Mesa, Colorado, and venue for any dispute hereunder shall be in the District Court of the County of Mesa, Colorado. In the event of dispute concerning performance hereunder, the parties agree that the Court may enter judgment in favor of the prevailing party for costs and reasonable attorney's fees.

**10.15** Consultant agrees that any information received by Consultant during any furtherance of the Consultant's obligations hereunder will be treated by the Consultant as confidential and will not be revealed to other persons, firms or organizations, unless directed to do so by law.

**10.16 (This paragraph applies if the work performed is a "public work"):** In discharge of this Contract, Consultant shall employ Colorado labor to perform not less than 80% of each type or class of labor in each of the several classifications of skilled and common labor employed on this project. A "public work" is any construction, alteration, repair, demolition, or improvement of any building, road, street, bridge, drain, park, or other structure suitable for and intended for use by the public.

**10.17** This Contract constitutes the entire Agreement between the parties, and no changes or modifications shall be effective unless reduced to writing and signed by the party to be charged.

**10.18** Persons signing as or on behalf of Consultant represent by their signature that the person signing is fully authorized to so sign this Contract and that the Consultant has taken all steps necessary that the signature is binding upon the Consultant.

**10.19** Notwithstanding anything herein to the contrary, the parties understand and agree that all terms and conditions of this Agreement, and the exhibits and attachments hereto, which may require continued performance or compliance beyond the termination date of this Agreement shall survive such termination date and shall be enforceable as provided herein in the even of a failure to perform or comply by a party to this Agreement.

**10.20** Consultant shall indemnify, and hold harmless the County, its agents, officials and employees, against all loss or damages, including penalties, charges, professional fees, interest, costs, expenses and liabilities of every kind and character arising out of and to the extent cause by the negligent acts, errors and omissions of the Consultant or any sub consultant for which it is legally responsible, or any of their respective employees and agents, on a comparative fault basis in accordance with C.R.S. 13-21-111.5(6). Consultant further agrees that its obligations to the County under this paragraph include claims against the County by Consultant's employees whether or not such claim is covered by workers compensation. Consultant expressly understands and agrees that any insurance or bond protection required by this contract, or otherwise provided by consultant, shall in no way limit the responsibility to indemnify, keep and save harmless and defend the County as herein provided, and such obligation exists even if the claim is fraudulent or groundless.

**10.21** Consultant assures that where activities supported by this Contract produce any discovery or invention, original computer programs, writing, sound recordings, pictorial reproductions, drawing or other graphical representation and works of any similar nature, the County has the right to use, duplicate and disclose, in whole or in part in any manner for any purpose whatsoever and

authorize others to do so. If the material or invention is copyrightable, the Consultant may copyright such, but the County reserves royalty-free non-exclusive and irreversible license to practice, reproduce, publish and use such materials in whole or in part, and authorize others to do so.

**10.22 Conformance with Law:** The Consultant shall at all times during the performance period strictly adhere to all applicable federal and state laws and implementing regulations as they currently exist and may hereafter be amended. Consultant shall also require compliance with these statutes and regulations in subcontract and subgrant agreements, if any, permitted under this Contract. Without limitation, these federal and state laws and regulations include:

- \* Age Discrimination Act of 1975, 42 USC Sections 6101 et seq and its implementing regulation, 45 CFR Part 91;
- \* Age Discrimination in Employment Act of 1967, 29 USC 621-634;
- \* Americans with Disabilities Act of 1990 (ADA), 42 USC 12101 et seq;
- \* Drug Free Workplace Act of 1988, 41 USC 701 et seq;
- \* Equal Pay Act of 1963, 29 USC 206(d);
- \* Immigration Reform and Control Act of 1986, 8 USC 1324b;
- \* Pro-Children Act of 1994, 20 USC 6081 et seq;
- \* Section 504 of the Rehabilitation Act of 1973, 29 USC 794, as amended, and implementing regulation 45 CFR Part 84;
- \* Titles VI and VII of the Civil Rights Act of 1964, 42 USC 2000d and e;
- \* Title IX of the Education Amendments of 1972, 20 USC 1681 et seq;
- \* Section 24-34-302, et seq, Colorado Revised Statutes 1993, as amended;
- \* The AUniform Administrative Requirements for Grants and Cooperative Agreements to State and Local Governments (Common Rule), at 49 CFR, Part 18;
- \* Office of Management and Budget Circulars A-87, A-21 or A-122, and A-102 or A-110, whichever are applicable;
- \* The Hatch Act (5 USC 1501-1508 and PL 95-454 Section 4728). These statutes state that federal funds cannot be used for partisan political purposes of any kind by any person or organization involved in the administration of federally-assisted programs.
- \* Health Insurance Portability and Accountability Act of 1996 (HIPAA) Public Law 104-191 codified at 45 CFR 160-164.

**10.23 Non-discrimination:** Consultant shall not discriminate against any person on the basis of race, color, national origin, age, sex, religion and disability, including Acquired Immune Deficiency Syndrome (AIDS) or AIDS related conditions, in performance of work and provision of services under this Contract.

**10.24 Availability of Funds:** Both parties agree that payments pursuant to this Agreement are subject to and contingent upon the continuing availability of funds for the purposes herein. If such funds become unavailable, the Board may terminate this Agreement immediately without further liability.

**ARTICLE 11 – DESIGNATED REPRESENTATIVE AND ADDRESSES**

Mesa County hereby designates David Gray, Project Manager, to act as its Designated Representative. The Designated Representative shall have the authority to determine the reasonableness of payment requests, to enter into written additions on behalf of Mesa County if appropriate, and to attend the final review meeting to receive all information from the Consultant.

All notices required or permitted under this Agreement shall be in writing and shall be deemed given when personally served or three(3) days after deposit in the United States Mail, certified mail, return receipt requested, and addressed to the following parties or to such other addressee(s) as may be designated by a notice complying with the foregoing requirements.

**MESA COUNTY:**

**Mesa County Commissioners  
Janet Rowland, Chair  
P.O. Box 20,000  
Grand Junction, CO 81502  
970-244-1604**

**CONSULTANT:**

**RockSol Consulting Group, Inc.  
566 West Crete Circle, Unit 2  
Grand Junction, CO 81505  
970-822-4350**

**with a copy to:**

**David Gray, Project Manager  
Designated Representative  
Mesa County Public Works  
P.O. Box 20,000  
Grand Junction, CO 81502**

**With a copy to:**

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**ARTICLE 12 - INCORPORATION OF ATTACHMENT**

The following Attachments are incorporated into and made a part of this Agreement.

- ATTACHMENT A – SCOPE OF WORK AND HOURLY RATE
- ATTACHMENT B - FINANCIAL AND EXCEPTION STATEMENT
- ATTACHMENT C – INSURANCE CLARIFICATION
- RFQ-20-03037-QA
- ROCKSOL QUALIFICATIONS

IN WITNESS WHEREOF, the parties execute this Agreement on the date last written below:

**MESA COUNTY**



Janet Rowland  
Janet Rowland, Chair  
Mesa County Board of County Commissioners

Date: 02/28/2023

Attest:

Bahliis Cross 02/28/2023  
Mesa County Clerk and Recorder

**CONSULTANT**

Signature **Saeid Saeb** Digitally signed by Saeid Saeb  
Date: 2023.02.14 13:50:09 -07'00'

Name & Title Saeid Saeb, President

Date 2/14/2023

Attest: Lisa Francis 2/14/2023

**ATTACHMENT A  
SCOPE OF WORK  
ON-CALL QUALITY ASSURANCE TESTING SERVICES**

**Summary of Intent**

Consultant will perform on-call quality assurance (QA) testing, as outlined below, for CIP road and bridge improvement projects under construction or yet to be bid. Actual testing services provided by Consultant, and approved by County, to be invoiced and paid based upon the attached Schedule of Hourly Rates and Laboratory Rates. Contract total not to exceed \$100,000.00 for work during a 12 month period, unless modified by Change Order.

The signed and approved agreement is eligible for three consecutive annual renewals, pending Mesa County staff review and recommendation for continuation of the yearly on-call contract. Renewals are also pending Board of County Commissioners approval based upon existing budget funding available during the out years.

**Scope of Work**

The Consultant is to provide on-call QA inspection, testing, and documentation in accordance with Mesa County Standard Special Provision 106 testing frequencies and CDOT Field Materials Manual testing procedures. Projects selected for QA testing will be determined by Mesa County.

All testing must be performed under the direct supervision of a Colorado Licensed Professional Engineer. The testing agency shall have an AASHTO accredited or CDOT approved testing laboratory.

Personnel performing sampling and testing of hot mix asphalt shall possess the appropriate CAPA (LabCat) certification or combination of certifications for all sampling and testing performed. CAPA certifications include: A – laydown, B – Asphalt Plant Materials Control, C- Mixture Volumetrics and Stability, and E- Aggregates. Technicians performing testing of soils or aggregates for road base or embankment construction shall be NICET Level II, or WAQTC certified. Personnel conducting field testing of concrete must be ACI certified as a Concrete Field Testing Technician – Grade 1. Personnel conducting compressive strength tests must be ACI Laboratory Testing Technician – Grade 1 or ACI Concrete Strength Testing Technician. Equivalent NICET certification for all technicians is acceptable.

The Consultant will also provide on call miscellaneous Geotechnical Investigation on in house minor design projects.

**Labor, Materials, Vehicles & Equipment**

The Consultant shall furnish all personnel, materials, equipment and transportation required to perform the work included in the contract. Consultant personnel shall have appropriate vehicles (equipped with flashing amber beacon), PPE and any other safety equipment required by Mesa County Specifications.

Personnel provided by the testing agency who do not meet the specified requirements, or who fail to perform their work in an acceptable manner, shall be removed from the project when determined and directed by the Construction Manager.

### **Materials Testing**

All tests performed shall comply with ASTM/AASHTO standards, as applicable, and be in accordance with the Mesa County Standard Specifications and CDOT Field Materials Manual testing procedures. All materials designated in the CDOT Specifications and CDOT Field Materials Manual to be tested by CDOT Laboratory will be tested instead under this contract by the testing agency.

The Consultant shall sample, test, inspect and document all materials generated and utilized in the construction of projects as directed by Mesa County. Consultant shall provide copies of testing results and inspection reports to the individual project's Construction Manager within 24 hours of completion of the test results at the latest.

In the event that the results of a given test indicate that a material is out of spec, the failing sample(s) shall be preserved and the Construction Manager shall be immediately notified of the results. The failing sample shall be kept separate from other samples and stored securely until directed by the Construction Manager to dispose of it.

### **Work Duration**

The time period of the work will be from the award of the QA Services contract until one year after award. Actual work requirements will vary depending on the individual construction contract needs, contractor's schedule and weather conditions. Consultant will be required to provide field testing and sampling within 12 hours of request of service in most cases with occasional requests on shorter notice.



**RockSol's Schedule of Hourly Rates**  
**Mesa County**  
**For January 1 to December 31, 2023**

**RockSol Standard Fee Schedule**

<i>Employee</i>	<i>Employee Classification</i>	<i>Hourly Rate*</i>
Dave Eller	Senior Project Manager	\$228.50
Trevor Woolley	Construction Manager/Inspector	\$152.27
Dalton Hamer	Lab Supervisor/Tech III	\$107.03
Hank Gray	Technician II	\$84.88
Rick Gunther	Technician II	\$84.88
Audrey Kachin	Technician I	\$73.53
Levi Basler	Technician I	\$73.53
Richie Staats	Technician I	\$73.53
Jackson Lourens	Technician I	\$73.53
Beatrice Torres	Technician I	\$73.53
Aiden Mannlein	Student Intern	\$59.50
Rebecca Sphatt	Project Control and Admin	\$95.70
Penny Bouley	Project Control and Admin	\$95.70

*\*Note: RockSol requests consideration for rates to be escalated by 4% for subsequent calendar years*

- Mileage Federal Government Rate
- Materials Testing by the Test See Price Per Test Fee Schedule
- Travel At Cost
- Drilling At Cost
- Outside Services At Cost
- Public Involvement Supplies/Mailings At Cost

Title Description	Test Method			Price Per Test 2023
	AASHTO	ASTM	CDOT	
<b>STANDARD PROCEDURES FOR SOIL TESTS</b>				
Dry Preparation of Soil	R58	D421	CP-20	
Sieve Analysis of Soils (including wash)		D1140	CP-21 & CP-L3105	\$ 98.80
Particle Size Analysis of Soils	T88	D422		\$ 228.80
Liquid Limit/Plastic Limit	T89 & T90	D4318		\$ 98.80
Moisture-Density Proctor	T99	D698		\$ 156.00
Moisture-Density Proctor	T180	D1557		\$ 182.00
Specific Gravity of Soil	T100	D854		\$ 78.00
Sand Equivalent Test	T176	D2419	CP-37	\$ 98.80
Unconfined Compressive Strength of Cohesive Soils	T208	D2166		\$ 78.00
One-Dimensional Consolidation	T216	D2435		\$ 436.80
One-Dimensional Swell		D4546		\$ 93.60
Moisture Content of Soils	T265	D2216		\$ 19.76
In-Place Density by Nuclear Method	T310	D6938	CP-80	\$78/hour
Materials in Soils Finer than No. 200		D1140		\$ 60.32
Water Soluble Chloride Content	T291		CPL-2104	\$ 101.92
pH of Soils	T289	G51		\$ 39.52
Compressive Strength Intact Rock Core Specimens *		D7012		\$ 145.60
Measurement of Soil Resistivity	T288	G57 & G187		\$ 124.80
Water Soluble Sulfate	T290		CP-L 2103	\$ 52.00
R-Value Test *	T190	D2844		\$ 364.00
Title Description	Test Method			
	AASHTO	ASTM	CDOT	
<b>STANDARD PROCEDURES FOR AGGREGATE TESTS</b>				
Sampling Aggregates	T2	D75	CP-30	
Reducing Samples of Aggregate to Testing Size	R76	C702	CP-32	
Sieve Analysis (including wash)	T11 & T27	C117 & C136	CP-31 & CP21	\$ 98.80
Liquid Limit/Plastic Limit	T89 & T90	D4318		\$ 98.80
Moisture-Density Proctor	T180	D1557		\$ 182.00
Unit Weight & Voids in Aggregate *	T19	C29		\$ 65.52
Organic Impurities *	T21	C40		\$ 78.00



Percentage of Fractured Particles			CP-45	\$ 81.12
Specific Gravity of Fine Aggregate	T84	C128		\$ 91.52
Specific Gravity of Coarse Aggregate	T85	C127		\$ 88.40
Sand Equivalent Test	T176	D2419	CP-37	\$ 98.80
Moisture Content of Aggregates	T255	C566	CP-33	\$ 19.76
Uncompacted Void Content of Fine Aggregate *	T304	C1252		\$ 101.92
LA Abrasion *	T96	C131		\$ 176.80
Micro Deval *	T327	D6928 & 7428		\$ 239.20
Title Description	Test Method			
	AASHTO	ASTM	CDOT	
STANDARD PROCEDURES FOR CONCRETE TESTS				
Compressive Strength of Concrete Specimens	T22	C39		\$ 27.04
Capping Concrete Specimens		C617		\$ 52.00
Compressive Strength of Cement Mortar (2" Cube Specimens)	T106	C109		\$ 49.92
Sampling Freshly Mixed Concrete	R60	C172	CP-61	\$78/hour
Slump of Cement Concrete	T119	C143		\$78/hour
Unit Weight, Yield & Air Content (Gravimetric)	T121	C138		\$78/hour
Making and Curing Concrete Test Specimens in the Field	T23	C31		\$78/hour
Air Content (Pressure Method)	T152	C231		\$78/hour
Temperature of Freshly Mixed Concrete		C1064		\$78/hour
Flexural Strength of Concrete (Beams)	T97	C78		\$ 59.28
Compressive Strength of Grouts for Preplaced-Aggregate Concrete		C942		\$ 27.04
Measuring Thickness (Drilled Concrete Cores)	T148	C174		\$ 36.40
Title Description	Test Method			
	AASHTO	ASTM	CDOT	
STANDARD PROCEDURES FOR ASPHALT TESTS				
Sampling Hot Mix Asphalt (HMA)			CP-41	\$78/hour
Reducing Samples of HMA to Testing Size			CP-55	
Mechanical Analysis of Extracted Aggregate	T30	D5444		\$ 88.40
Bulk Specific Gravity of Compacted Asphalt Mixtures (3 Specimens)	T166	D2726	CP-44	\$ 40.56
Maximum Specific Gravity (Rice Test)	T209	D2041	CP-51	\$ 102.96
Preparation of Specimens Using Marshall Apparatus (3 Specimens)	T245	D6926		
Stability and Flow By Marshall Method (3 Specimens)	T245	D6926 & D6927		\$ 202.80
Resistance to Deformation Hveem (3 Specimens)		D1560	CP-L 5106	\$ 301.60
Percent Air Voids	T269	D3203		\$ 395.20
Effect of Moisture on Asphalt Paving Mixtures (Lottman) (Plant Mix)	T283	D4867	CP-L 5109	\$ 457.60
Asphalt Content by Nuclear Method	T287	D4125	CP-85	\$ 98.80
Correction Factor for Asphalt Content by Nuclear Method	T287	D4125	CP-85	\$ 395.20
Asphalt Binder Content of HMA by the Ignition Method	T308	D6307	CP-L 5120	\$ 102.96
Correction Factor for Asphalt Content of HMA by Ignition Method	T308	D6307	CP-L 5120	\$ 400.40
In-Place Density by Nuclear Method	T355		CP-80	\$78/hour
SuperPave Gyrotory Compactor	T312	D6925	CP-L 5115	
Moisture Content of HMA			CP-43	

\* = via third party vendor



## ATTACHMENT B

**Respondent is required to submit**

### **Financial and Exception Statement**

All questions must be answered and the data given must be clear and comprehensive. This statement must be notarized. If necessary, questions may be answered on separate attached sheets. You may submit any additional information you desire, but the total number of pages for this attachment should not exceed ten (10) pages.

1. **Name of Respondent:**  
RockSol Consulting Group, Inc.
2. **Permanent main office address, email and phone number:**  
566 West Crete Circle, Unit 2, Grand Junction, CO 81505  
eller@rocksol.com | 970.822.4350
3. **When Organized:**  
1996
4. **If a corporation, where incorporated:**  
New Mexico
5. **How many years have you been engaged in the business under your present firm or trade name?**  
24
6. **Give bank references:**  
Mario Gonzalez, Chase Business Banking, 303.244.5453
7. **What type of liability insurance, and what coverage limits do you currently carry for your organization, and give the name of the insurance carrier:**  
USI Insurance Services  
Commercial General Liability, \$1,000,000 each occurrence  
Automobile Liability, \$1,000,000 combined single limit  
Professional Liability, \$3,000,000 per claim
8. **Will you, upon request, fill out a detailed financial statement and furnish any other information that may be required by the County?**  
Yes

The undersigned Offeror acknowledges the right of the County to reject any and all proposals submitted and to waive informalities therein. All participating Offerors, by their signature hereunder, shall agree to comply with all conditions, requirements, and instructions of this RFP as stated or implied herein. **Print the words "No Exceptions" here No Exceptions if there are no exceptions taken to any of the terms, conditions, or specifications of these quotation documents. If there are exceptions taken to any of these terms, conditions or specifications of these quotation documents, they must be clearly stated on a separate sheet of paper, attached to this quotation sheet and returned with your quotation. Should Mesa County omit anything from this RFP package, which is necessary to a clear understanding of the requirements, or should it appear that various instructions are in conflict, then the Contractor shall secure instruction from Connie Hahn, telephone number (970)244-1812, prior to the date and time of the deadline for questions shown in the RFP.**

Offeror agrees to perform all work described in the Contract Documents for unit prices or lump sum as shown on the Attachment "A" Schedule of Payment. The Offeror further agrees that no proposal may either be changed or withdrawn, without the consent of the County for a period of sixty (60) days after the scheduled time for opening the proposals.

The Offeror shall certify (a) that his/her proposal is genuine and is not made in the interest of, or on behalf of, any undisclosed person, firm, or corporation; (b) that he/she has not directly or indirectly induced or solicited any other Offeror to put in a false or sham bid; (c) that he/she has not solicited or induced any other person, firm, or corporation from proposing; and (d) that he/she has not sought by collusion to obtain for himself/herself any advantage over any other Offerors or over Mesa County.

The undersigned hereby authorizes and requests any person, firm or corporation to furnish any information requested by the County in verification of the recitals comprising this Statement of Respondent's Qualifications:

Dated at:

This 25th day of January, 2023.

RockSol Consulting Group, Inc.  
(Name Of Consultant)

By: Dave Eller, PE

Title: Contract Manager

State of Colorado

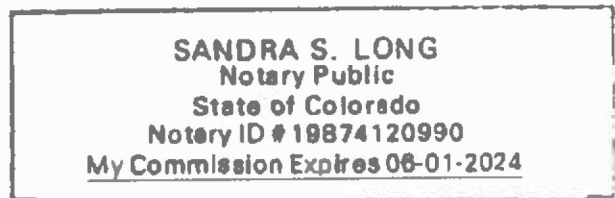
County of Adams

Being duly sworn deposes and says that he/she is the Contract Manager of

RockSol Consulting Group, Inc. and that the answers to the foregoing questions and all statements therein contained are true and correct.

Subscribed and sworn to before me this 25th day of January, 2023.

Sandra Long  
(Notary Public)



12076 Grant St, Thornton, CO 80241  
(Address)

My Commission Expires June 1, 2024.





## DESCRIPTIONS (Continued from Page 1)

The General Liability, Automobile Liability, Umbrella/Excess insurance applies on a primary and non contributory basis. A Blanket Waiver of Subrogation applies for General Liability, Automobile Liability, Umbrella/Excess Liability and Workers Compensation. The Umbrella / Excess Liability policy provides excess coverage over the General Liability, Automobile Liability and Employers Liability.

Please note that Additional Insured status does not apply to Professional Liability or Workers' Compensation.

RE: Project: 2023 On-Call QA.

Additional Insureds include: Mesa County, its officers, officials, employees and volunteers.



## ATTACHMENT C INSURANCE CLARIFICATION

1. Contractor agrees to procure and maintain, at its own cost, a policy or policies of insurance/bonds sufficient to insure against all obligations assumed by Contractor pursuant to this agreement and shall not start work under this agreement until such insurance coverage has been obtained and approved in writing by the Board's Contract Administrator.
2. Contractor shall require all subcontractors and sub-subcontractors to maintain during the term of this agreement, Commercial General Liability insurance, Comprehensive Automobile Liability insurance, and Workers' Compensation and Employers' Liability insurance, in the same manner as specified for Contractor. Contractor shall furnish subcontractors' certificates of insurance to the Board, with a copy to the Board's Contract Administrator, immediately upon request.
3. All insurance policies required hereunder shall include a written thirty (30) day notification of cancellation. In that notice the Board and the Board's Contract Administrator will be notified of any material changes in the insurance policy(s) such as; cancellation, non-renewal, or reduction in coverage or alteration of coverage.
4. Nothing herein shall be deemed or construed as a waiver of any of the protections to which the Board or Mesa County shall be entitled pursuant to the Colorado Government Immunity Act, sections 24-10-101, C.R.S., as amended.
5. All required insurance coverages must be acquired from insurers authorized to conduct business in the State of Colorado and acceptable to the Board and Mesa County. The insurers must also have policyholders' rating of "A-" or better, and financial class size of "Class VII" or better in the latest edition of Best's Insurance Reports, unless the Board grants specific approval for an exception.
6. Contractor shall procure and continuously maintain the minimum insurance coverage listed below, and additional coverage as may apply, with forms and insurers acceptable to the Board. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage.
  - a. Workers' Compensation and Employer's Liability Including Occupations Disease Coverage in accordance with scope and limits as required by the State of Colorado of \$100,000 each accident; \$100,000 disease each employee; \$500,000 disease policy limit..
  - b. Commercial General Liability, "occurrence form," with minimum limits of ONE MILLION (\$1,000,000) combined single limit, per occurrence for bodily injury, personal injury and property damage. In addition Contractor must either:
    - 1) Agree to provide certificates of insurance evidencing the above coverage for a period of two years after the final payment for the contract
    - OR
    - 2) Purchase an extended (minimum two years) reporting period endorsement for the policy or policies in force during the term of this contract and evidence the purchase of this extended reporting period endorsement by means of a certificate of insurance or a copy of the endorsement itself.
  - c. Comprehensive Automobile Liability insurance with minimum limits for bodily injury and property damage of not less than ONE MILLION (\$1,000,000) combined single limit per accident.

- d. PROFESSIONAL LIABILITY INSURANCE with an endorsement for work under this Agreement, and coverage of no less than ONE MILLION (\$1,000,000) per claim, and ONE MILLION (\$1,000,000) aggregate for all Design/Build, Professional Service and Design Contracts.
  - e. EXCESS LIABILITY/UMBRELLA INSURANCE with a limit no less than ONE MILLION (\$1,000,000) per occurrence/ONE MILLION (\$1,000,000) aggregate, and coverage at least as broad as the primary Commercial General Liability policy.
7. The policies required by paragraphs (B) and (C) above shall be endorsed to specify; "Mesa County, their officers, officials, employees and volunteers as ADDITIONAL INSUREDS, as respects liability, on behalf of Contractor, arising out of this Contract." All certificates of insurance are to be submitted on standard "ACORD 25(20140-05)" form.
  8. Depending on the nature and scope of the services to be provided under this Contract, additional insurance requirements may be specified by the Board. Items listed below, which have been marked with an "X" are required of Contractor by the Board as a condition of this Contract. Contractor initial, placed by the corresponding "X", shall acknowledge the Contractor compliance in meeting the specific insurance requirement(s).

Your  
Initial X

- BUILDERS RISK INSURANCE must be in an amount equal to the aggregate total of the initial contract prices in the contracts, as well as any subsequent modifications. The policy must be in Completed Value Form, insuring the entire project for, at least Broad Form coverage including theft. Such Insurance shall remain in effect until 12:00 noon on the day following the date of final acceptance of the entire project, whether or not the building or some part thereof is occupied in any manner prior to final acceptance of the project.
- BID BONDS AND/OR PERFORMANCE BONDS. Bid bond coverage to be determined as a percentage of the total bid. Performance Bond in the amount of 100% of the project contract.
- Other insurance as required. If other insurance is required it will be included and referred to as "EXHIBIT E."

**2023 On-Call Quality Assurance Testing Services  
Request For Qualifications  
RFQ-23-03037-QA**

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# SECTION I GENERAL INFORMATION

Section I provides general information to potential Offerors on subjects such as where to submit, number of copies, addenda, proprietary information designation, and other similar administrative elements.

## 1.1 PRE-SUBMITTAL CONFERENCE

There is no pre-submittal conference.

## 1.2 SUBMISSION OF QUALIFICATIONS

All packets must be submitted in a sealed envelope clearly marked with the **firm name, 2023 On-Call Quality Assurance Testing Services – RFQ-23-03037-QA** and must be received by Mesa County Public Works department prior to the submission deadline.

Sealed offers are to be submitted to:

Connie Hahn  
Operations Manager  
Mesa County Public Works  
200 S. Spruce  
P.O. Box 20,000  
Grand Junction, CO 81502-5013

**\*\*\*\*\*NO LATE OFFERS WILL BE ACCEPTED\*\*\*\*\*  
FACSIMILE OR TELEGRAPHIC SUBMITTALS WILL NOT BE ACCEPTED**

**Submission Deadline: January 25, 2023**

The opening will not be public. Offerors will be notified if their Submittal is not accepted. The Submittal shall remain the property of Mesa County Public Works.

## 1.3 NUMBER OF COPIES

Consultant shall submit one (1) copy of requested documents. The submittal shall remain the property of Mesa County Public Works. The following materials shall be part of the requested documents:

1. Financial and Exception Statement (Attachment A)
2. Hourly Rate Schedule (Attachment B)
3. Letter of Intent
4. Items required by Section III
5. One electronic copy of all submitted documents on Compact Disc (CD) or Digital Versatile Disc (DVD) and in Portable Document Format (pdf). Electronic copies

must include signatures where applicable.

#### **1.4 INFORMATION**

All questions regarding the submittal preparation, the selection process, or specifications and interpretations of the terms and conditions of the RFQ, shall be submitted in writing no later than seven (7) calendar days prior to the deadline for submission of offers. Send all questions to Laura Page or Connie Hahn (See 1.16 below).

Following the award of a contract, responses to this solicitation may be subject to release as public information unless the response or specific parts of the response can be shown to be exempt from public information. Offerors are advised to consult with their legal counsel regarding disclosure issues and take the appropriate precautions to safeguard trade secrets or any other proprietary information. Mesa County Public Works assumes no obligation or responsibility for asserting legal arguments on behalf of potential Offerors.

This is not a public bid opening, therefore, Mesa County will not release any information pertaining to the number of offers received, names of Offerors, or pricing until an award is made. Mesa County will confirm receipt of your submittal if requested.

#### **1.5 OFFEROR DUE DILIGENCE**

Each Offeror shall judge for themselves as to all conditions and circumstances having relationships to the submittal, and become informed about the unique challenges posed by this project. Failure on the part of any Offeror to make such examination and become informed shall not constitute ground for declaration of not understanding the conditions with respect to making its Submittal.

Be aware, if the Offeror has obtained this RFQ from any source other than directly from Mesa County, they will not be listed as a plan holder and will not be notified of any Addenda which could result in submitting a non-responsive Statement of Qualifications. Mesa County shall not be responsible for errors in the submittal resulting from failure of the Offeror to register as a plan holder with the County.

#### **1.6 CONFIDENTIAL OR PROPRIETARY INFORMATION**

If an Offeror believes that parts of a submittal are confidential, then the Offeror must so specify. The Offeror must stamp in bold letters the term CONFIDENTIAL on that part of the offer which the Offeror believes to be confidential. The Offeror must submit in writing specific detailed reasons, including any relevant legal authority, stating why the Offeror believes the material to be confidential. Vague and general claims as to confidentiality will not be accepted. Mesa County will be the sole judge as to whether a claim is general and/or vague in nature. All submittals and parts of submittals which are not marked as confidential will be automatically considered public information after the contract is awarded. Other submittals or parts of submittals may be considered public information pursuant to Colorado Law.

## **1.7 AMENDMENT**

In the event that it becomes necessary to revise any part of this RFQ, or if additional information is necessary to enable the Offeror to make an adequate interpretation of this RFQ, an addendum to the RFQ will be provided to each potential Offeror who has obtained an RFQ. Addenda to this RFQ may be issued at any time prior to the time set for receipt of the Statement of Qualifications. The Offerors are required to acknowledge receipt of any addenda by submitting a signed copy of each addendum issued. Signed copies must be submitted as part of the signed Statement of Qualifications submittal.

## **1.8 WITHDRAWAL OR MODIFICATION OF OFFERS**

Any Offeror may modify or withdraw an offer in writing at any time prior to the deadline for submission of an offer (see 1.2 above) unless otherwise required in the RFQ. Any request for withdrawal of an offer must be signed by the individual who signed the initial submittal.

## **1.9 ACCEPTANCE**

Any offer received shall be considered an offer, which may be accepted by Mesa County based on initial submission without discussions or negotiations.

By submitting a Statement of Qualifications in response to this solicitation the Offeror agrees that any submittal it submits may be accepted by Mesa County at anytime within 90 days from the closing (see 1.2 above).

Mesa County reserves the right to reject any portion or the entire submittal and to waive informalities and minor irregularities in submittals received, and/or to accept any portion of the submittal if deemed in the best interest of Mesa County. Failure of the Offeror to provide in its offer any information requested in the RFQ may result in rejection for non-responsiveness.

## **1.10 PREPARATION COST**

The cost of preparation is not a reimbursable cost. Statement of Qualifications preparation costs and presentation costs shall be at the Offeror's expense and are the Offeror's sole responsibility.

## **1.11 AWARD**

It is the intent of Mesa County to select the firm best qualified and technically able to provide the required services within the project's proposed schedule. Selection of a firm will be made as set forth in Section IV. Owner and Contractor may, upon mutual agreement, be eligible for three consecutive annual renewals, pending Board of County

Commissioners approval based upon existing budget funding available during the out years, for the continuation of the yearly on-call contract

### **1.12 CONTRACT ADMINISTRATION**

Mesa County Public Works shall be responsible for administration of the contract for compliance and performance with the interpretation of terms and obligations, scope, schedule, and budget.

### **1.13 SUBSTANTIATIVE SUBMITTALS**

The Offeror shall certify (a) that his/her submittal is genuine and is not made in the interest of, or on behalf of, any undisclosed person, firm, or corporation; (b) that he/she has not directly or indirectly induced or solicited any other Offeror to put in a false or sham bid; (c) that he/she has not solicited or induced any other person, firm, or corporation from submitting a Statement of Qualifications; and (d) that he/she has not sought by collusion to obtain for himself/herself any advantage over any other Offerors or over Mesa County.

### **1.14 GOVERNING LAW**

The laws of the State of Colorado shall govern any contract executed between the successful consultant and Mesa County. Further, the place of performance and transaction of business shall be deemed to be in the County of Mesa, State of Colorado, and in the event of litigation, the exclusive venue and place of jurisdiction shall be the District Court of the Twenty-First Judicial District, Mesa County, Colorado.

### **1.15 SCHEDULE OF EVENTS**

The schedules of events are as follows:

Advertise Request for Qualifications	1-8 & 11-23
Document Available	1-9-23
Pre-Submittal Conference	N/A
Written Questions Due Date	1-17-23
Submittal Due Date	1-25-23
Scope and Fee Negotiations with Selected Consultant (estimate)	1-30-23
Contract Presented to the BoCC (estimate)	2-6-23
Kick-Off Meeting (estimate)	2-7-23

### **1.16 INQUIRIES**

Technical questions about the scope of services, budget and finance, or other project specific question regarding this RFQ shall be in writing and directed to David Gray. All procurement questions concerning the RFQ process or any contractual questions shall be



directed to Connie Hahn. A written response to any inquiry will be provided in the form of an Addendum to the solicitation to each Offeror. All questions shall be submitted in writing no later than seven (7) calendar days prior to the deadline for submission of offers. Questions shall not be permitted after this time, including that time between Statement of Qualification submission, presentations and final selection of a Consultant. Verbal inquiries will not be accepted.

David Gray  
Construction Group Manager  
200 S. Spruce  
P.O. Box 20,000  
Grand Junction, CO 81502-5013  
970.255.5031  
[david.gray@mesacounty.us](mailto:david.gray@mesacounty.us)

Connie Hahn  
Operations Manager  
200 S. Spruce  
P.O. Box 20,000  
Grand Junction, CO 81502-5013  
970.244.1812  
[connie.hahn@mesacounty.us](mailto:connie.hahn@mesacounty.us)

**WRITTEN QUESTIONS RELATED TO THIS RFQ SHOULD ONLY BE DIRECTED TO THE MESA COUNTY PUBLIC WORKS DEPARTMENT. ANY CONTACT WITH OTHER MESA COUNTY DEPARTMENTS BY YOUR FIRM WILL BE CONSIDERED GROUNDS TO DISQUALIFY YOUR FIRM'S RESPONSE TO THIS RFQ.**

## **SECTION II MINIMUM SPECIFICATIONS**

### **2.0 Summary of Intent**

Mesa County Public Works is requesting a Statement of Qualifications from Consultants interested in performing on-call quality assurance (QA) testing, as outlined below, for CIP road and bridge improvement projects under construction or yet to be bid. The submittals will be evaluated by Mesa County. It is the County's goal to select a Consultant who will provide the highest quality of customer service and technical expertise. The award of the contract will be based on the evaluation of criteria outlined in Section IV of this RFQ. Be advised that this will be a contract not to exceed \$100,000.00 for work during a 12 month period.

### **2.1 Scope of Work**

The Consultant is to provide on-call QA inspection, testing, and documentation in accordance with Mesa County Standard Special Provision 106 testing frequencies and CDOT Field Materials Manual testing procedures. Projects selected for QA testing will be determined by Mesa County.

All testing must be performed under the direct supervision of a Colorado Licensed Professional Engineer. The testing agency shall have an AASHTO accredited or CDOT approved testing laboratory.

Personnel performing sampling and testing of hot mix asphalt shall possess the appropriate CAPA (LabCat) certification or combination of certifications for all sampling and testing performed. CAPA certifications include: A – laydown, B – Asphalt Plant Materials Control, C- Mixture Volumetrics and Stability, and E- Aggregates. Technicians performing testing of soils or aggregates for road base or embankment construction shall be NICET Level II, or WAQTC certified. Personnel conducting field testing of concrete must be ACI certified as a Concrete Field Testing Technician – Grade 1. Personnel conducting compressive strength tests must be ACI Laboratory Testing Technician – Grade 1 or ACI Concrete Strength Testing Technician. Equivalent NICET certification for all technicians is acceptable.

### **2.2 Labor, Materials, Vehicles & Equipment**

The Consultant shall furnish all personnel, materials, equipment and transportation required to perform the work included in the contract. Consultant personnel shall have appropriate vehicles (equipped with flashing amber beacon), PPE and any other safety equipment required by Mesa County Specifications.

Personnel provided by the testing agency who do not meet the specified requirements, or who fail to perform their work in an acceptable manner, shall be removed from the project when determined and directed by the Construction Manager.

### **2.3 Materials Testing**

All tests performed shall comply with ASTM/AASHTO standards, as applicable, and be in accordance with the Mesa County Standard Specifications and CDOT Field Materials Manual testing procedures. All materials designated in the CDOT Specifications and CDOT Field Materials Manual to be tested by CDOT Laboratory will be tested instead under this contract by the testing agency.

The Consultant shall sample, test, inspect and document all materials generated and utilized in the construction of projects as directed by Mesa County. Consultant shall provide copies of testing results and inspection reports to the individual project's Construction Manager within 24 hours of completion of the test results at the latest.

In the event that the results of a given test indicate that a material is out of spec, the failing sample(s) shall be preserved and the Construction Manager shall be immediately notified of the results. The failing sample shall be kept separate from other samples and stored securely until directed by the Construction Manager to dispose of it.

### **2.4 Work Duration**

The time period of the work will be from the award of the QA Services contract until one year after award. Actual work requirements will vary depending on the individual construction contract needs, contractor's schedule and weather conditions. Consultant will be required to provide field testing and sampling within 12 hours of request of service in most cases with occasional requests on shorter notice.

## **SECTION III SUBMITTAL CONTENT**

### **3.0 SUMMARY**

Mesa County will be using the evaluation criteria set forth in Section IV of this RFQ to make the award of this contract. All submittals to Mesa County Public Works shall be in a sealed envelope marked: 2023 On-Call Quality Assurance Testing Services – RFQ-23-03037-QA

### **3.1 SUBMITTAL FORMAT**

The Statement of Qualifications and Letter of Intent shall include the information in the format outlined in this RFQ and be limited to no more than twenty five (25) pages. The submittal may be printed on double sided pages; however, each printed side shall be counted as one page toward the limit of twenty five (25). The following pages are exempt from this requirement: cover page, Financial and Exception, Certification of Immigration Compliance Agreement Statement in Section V, signed addenda if issued, table of contents, resumes and references. The text and all supporting information must be provided using 10 point font or larger. Aside from the required pdf copies of the submittal items (as required in Section 1.3), the Statement of Qualifications shall not include electronic media.

We recommend that you include concise, but complete information about your firm, emphasizing why you believe your firm to be uniquely qualified for this project. Short listed firms will be required to make a formal, in person presentation to the Selection Committee. Mesa County may make a selection of the successful Offeror based on ranking of the presentations without consideration of rankings from the original submittals.

### **3.2 SUBMITTAL REQUIREMENTS**

Submittals shall contain the experience and technical qualifications of the Offeror in relationship to the Scope of Work. Along with a Letter of Intent, the submittal shall contain the following:

- Company Background and Overview
- Team Personnel and Technical Expertise
- Ability to Meet Project Schedule
- Previous Projects Similar in Scope
- Familiarity with the Project and Project Area
- Project Approach and Proposed Schedule
- Quality Assurance Methods
- References
- Attachment A - Financial and Exceptions Statement
- Attachment B – Hourly Rate Schedule
- Signed Addenda, if applicable

### **3.3 COMPANY BACKGROUND AND OVERVIEW**

Submit a general description of the company's background and experience. Discuss your firm's knowledge and experience in providing the services required by the scope of this RFQ. Include any other information that you feel is appropriate to assist the Selection Committee in selecting your firm for the project.

### **3.4 TEAM PERSONNEL AND TECHNICAL EXPERTISE**

The Statement of Qualifications should contain information that supports your firm's capacity to accomplish the services in the required time frame. Quality personnel are a key component to the successful completion of the project and will be an important factor in the decision for awarding this contract. Information provided shall include but is not limited to:

- Organizational chart of company and/or project team
- Identification of key personnel and home office location(s)
- Professional qualifications, resumes and functions of personnel who will be assigned to the project
- Specific related project experience of personnel
- Personnel availability and time commitment proposed to meet the project schedule

The Statement of Qualifications should also include a description of the personnel's technical expertise as demonstrated by:

- The professional qualifications and experience necessary for the satisfactory performance of the services, to include any necessary licenses and registrations.
- The company's/team's past performance on other contracts in terms of size, scope and quality of services and compliance with schedules. The Selection Committee may solicit from previous clients including other government agencies or any available sources any relevant information concerning the consultant's and key personnel's records of past performance.

Mesa County reserves the right to re-negotiate or terminate the contract if either of the following occurs:

- There is a significant (50%) change in the consultant's key personnel.
- The engineer of record is changed during the performance of the contract.

In the event the consultant desires to change any key personnel during the contract period the consultant must submit for approval a written request demonstrating extraordinary circumstances prior to such change. In addition, Mesa County may remove any key personnel from the consultant's design team if that person is deemed unsuitable or a hindrance to the cooperative completion of the Project.

### **3.5 ABILITY TO MEET PROJECT SCHEDULE**

Submit a description of the staffing availability and the measures your firm proposes to implement in order to meet the project schedule described in this RFQ.

### **3.6 PREVIOUS PROJECTS SIMILAR IN SCOPE**

Submit a list of three similar projects conducted by your firm and the personnel that will be assigned to this project. Include project name, project type, personnel assigned from your team, your firm's role in the project, location, estimated construction cost and contact information for the client.

### **3.7 FAMILIARITY WITH PROJECT AND PROJECT AREA**

Discuss the project team's knowledge and experience as it relates to this project or the project location. This discussion should highlight your team's knowledge as it relates to this project specifically, rather than describing relevant knowledge gained from similar projects. Include any experience with previous designs, reports, involved agencies and locations associated directly with this project and the project scope.

### **3.8 PROJECT APPROACH AND PROPOSED SCHEDULE**

In order to evaluate the depth of your technical expertise, please provide detailed information regarding each of the following areas:

- The team's understanding of the general project scope
- Overall philosophy - How does your firm approach projects of this type?
- Goals and methodology
- Challenges and problems anticipated
- Creative solutions and/or lessons learned
- Provide a proposed schedule and sample work plan that provides a clear description of the scope of work that will be accomplished within the project timeframe.

The Statement of Qualifications should not reiterate the project scope provided in this RFQ, but should instead illustrate the team's understanding of the tasks that would be required to meet the scope of the project and present the team's proposed approach to complete these tasks.

### **3.9 QUALITY ASSURANCE METHODS**

Quality of the work product at the time delivered is essential in reducing the time delays caused by extensive and unnecessary County review. It is the duty of the Project Team to ensure that deliverables have been thoroughly reviewed and any errors are corrected prior to delivery. It shall not be the duty of the County Project Manager to perform quality assurance during the County review period.

The Offeror should include a detailed description of the methods proposed for quality assurance of project deliverables. This discussion should include a description of how your firm successfully handled quality assurance on a previous similar project.

The County Project Manager reserves the right to require certification in writing from the consultant at the time of product delivery that the quality assurance methods fulfilled according to the methods described in the Statement of Qualifications.

### **3.10 REFERENCES**

Provide a list of clients and references, including name, address and telephone number.

### **3.11 EXCEPTIONS**

See Attachment A – Financial and Exception Statement in Section V and indicate that there are no exceptions taken to any of the terms, conditions or specifications of these RFQ documents. Exceptions taken to these documents or contracts must be clearly stated on a separate sheet of paper and returned with your submittal.

Note: All potential Offerors are advised that the exceptions taken may be considered during the evaluation phase which may affect the final scoring of submittals. Offerors stipulating that the County must use their contract or agreement may be determined non-responsive and their submittal determined unacceptable.

### **3.12 INSURANCE CLARIFICATION**

The selected Consultant shall require all subcontractors and sub-subcontractors to maintain during the term of this agreement; Commercial General Liability insurance, Comprehensive Automobile Liability insurance, and Workers' Compensation and Employers' Liability insurance in the same manner as specified for Consultant. The Consultant shall furnish subcontractors' certificates of insurance to the County, with a copy to the County's Contract Administrator, immediately upon request. Please refer to Attachment C.

## **SECTION IV EVALUATION CRITERIA**

### **4.0 EVALUATION CRITERIA**

The following criteria will be used in the evaluation of the Statement of Qualifications

- Technical Expertise & Certification of Project Team
- Technical Expertise & Certification of Laboratory
- Previous QA Testing Experience on Mesa County Projects
- Proximity of Testers & Laboratory to Mesa County

Submittals will be evaluated on the criteria listed above. The Offerors with the highest scores will then proceed for further evaluation.

The County reserves the right to reject any and all Statement of Qualifications and to waive any formality in Statement of Qualifications received, to accept or reject any or all of the items in the Statement of Qualifications, and award the job in whole or in part, if it is in the best interest of the County.

### **4.1 SELECTION COMMITTEE**

A Selection Committee will screen all submittals. Submittals will be evaluated based on completeness and the evaluation criteria as outlined above. The Selection Committee will determine which submittals are acceptable or unacceptable. The County, in writing will notify participating firms whose submittals are deemed unacceptable. Those firms offering submittals deemed to be acceptable by the selection committee will be evaluated on the criteria outlined in 4.0.

### **4.2 AWARD OF CONTRACT**

Once a Consultant is selected, Mesa County will enter into price negotiations with the Consultant to obtain a fair and reasonable price for the anticipated work. It is anticipated that a pre-negotiation audit will be prepared for price negotiation of this contract. In the event the selected Consultant and Mesa County can't agree on a contract price, Mesa County will begin price negotiations with the second highest scoring qualified Consultant. This process will continue until a contract price is successfully negotiated pursuant to C.R.S.A. § 24-30-1404.



# Mesa County

## 2023 On-Call Quality Assurance Testing Services Materials Testing

RFQ-23-03037-QA

January 25, 2023



January 25, 2022

Ms. Connie Hahn  
Operations Manager  
Mesa County Public Works  
200 S. Spruce  
P.O. Box 20,000  
Grand Junction, CO 81502-5013

**Subject: 2023 On-Call Quality Assurance Testing  
Services RFQ-23-03037-QA I Mesa County**

Dear Ms. Hahn and Selection Committee:

RockSol is excited to present Mesa County an exceptional, local team to act as an extension of the Mesa County staff for on-call materials testing services under the subject contract. RockSol has performed work on many projects in Western Colorado and understands Mesa County's expectations for a consultant team. We are able to work efficiently as an integrated team as soon as a project is identified and work begins. We offer the County:

- ◆ **Highly qualified materials testing and inspection staff**  
Our Consultant Project Manager, Dave Eller, is a former CDOT manager with decades of experience in all forms of materials testing, construction management, as well as contract administration. Our materials testers are all certified in field and lab testing procedures for concrete, asphalt, and soils, maintaining certifications to stay up to date with current industry standards.
- ◆ **Conveniently located laboratory**  
RockSol offers a new and modern AASHTO-certified materials testing laboratory in Grand Junction which can handle almost every testing need anticipated by this contract. RockSol also offers full-service labs in Thornton, Loveland, and Monument that are certified by the ARML, CCRL, and US Army Corps of Engineers to support our Grand Junction operations. RockSol is a leader in providing specialized materials testing for government agencies, including mix design verification and HMA voids testing.
- ◆ **Commitment to client satisfaction**  
We are committed to providing superior performance and high quality materials testing and inspection services to Mesa County. We understand the significance of quality materials in transportation projects. Our team is fully committed to this contract, as we have demonstrated on previous contracts with Mesa County. Our team has developed a system of schedules and documentation to assist the County that have streamlined the testing process and provide exceptional support to the County's projects. Our Quality Management System is ISO 9001:2015 certified, undergoing an audit process focused on client satisfaction.

We appreciate the opportunity to provide this proposal. **The information contained in this proposal, including all attachments, is true and complete to the best of our knowledge. Please contact Dave at 970.210.8098, via e-mail at [eller@rocksol.com](mailto:eller@rocksol.com), or via fax at 303.962.9350, if we can be of any assistance.** We look forward to continuing our relationship with Mesa County staff.

Sincerely,



Dave Eller, PE  
Project Manager

# Company Background



## COMPANY BACKGROUND AND OVERVIEW

With a full service lab and office in Grand Junction, Colorado, RockSol Consulting Group, Inc. provides construction management, inspection, and materials testing to government clients along with the analysis, design, and construction of roadways, bridges, structures, pavements, foundations, and other transportation related features. Our full capabilities include geotechnical, structural, environmental, traffic, and civil engineering; roadway design; and construction management, inspection, and materials testing. For over 20 years, **RockSol has built its reputation on providing top quality services to all of our clients. In addition to our familiarity with Mesa County, we have worked closely with many other local governments—including the City of Grand Junction, the Town of Vail, the City of Steamboat Springs, the City and County of Denver, Montrose County, Adams County, and Douglas County—to provide engineering and construction services on transportation projects.** From past assignments with Mesa County, CDOT, FHWA, and other municipal agencies, RockSol has proven its ability to provide project deliverables in a format consistent with any project requirements.

**“RockSol’s work ethic and internal quality control checking was invaluable. The materials books during the interim and final review were flawless... I sincerely appreciate having the materials books submitted and approved in a timely manner.”**

Martha Miller, Former CDOT Region 3  
Resident Engineer

RockSol has provided construction management, inspection, and materials testing on a wide variety of architectural and engineering projects to varied agencies: we have completed over 700 quality projects with a range of complexity and environmental sensitivity, such as interstate highway construction, major arterials, rural roadways, city streets, forest roads, structures, bridges, light rail, buildings, retaining walls, underground excavations, and other earthen structures. Our construction services department employs over 160 professionals experienced in lab and field materials testing, inspection, and project management. Our seasoned staff members are capable of providing construction expertise and insight during the design and bidding phase of a project, and then moving to the field to complete the construction. We provide a full-range of construction-related services including pre-construction

reviews, construction management, scheduling, cost estimating, constructability reviews, inspection, and field and laboratory materials testing.

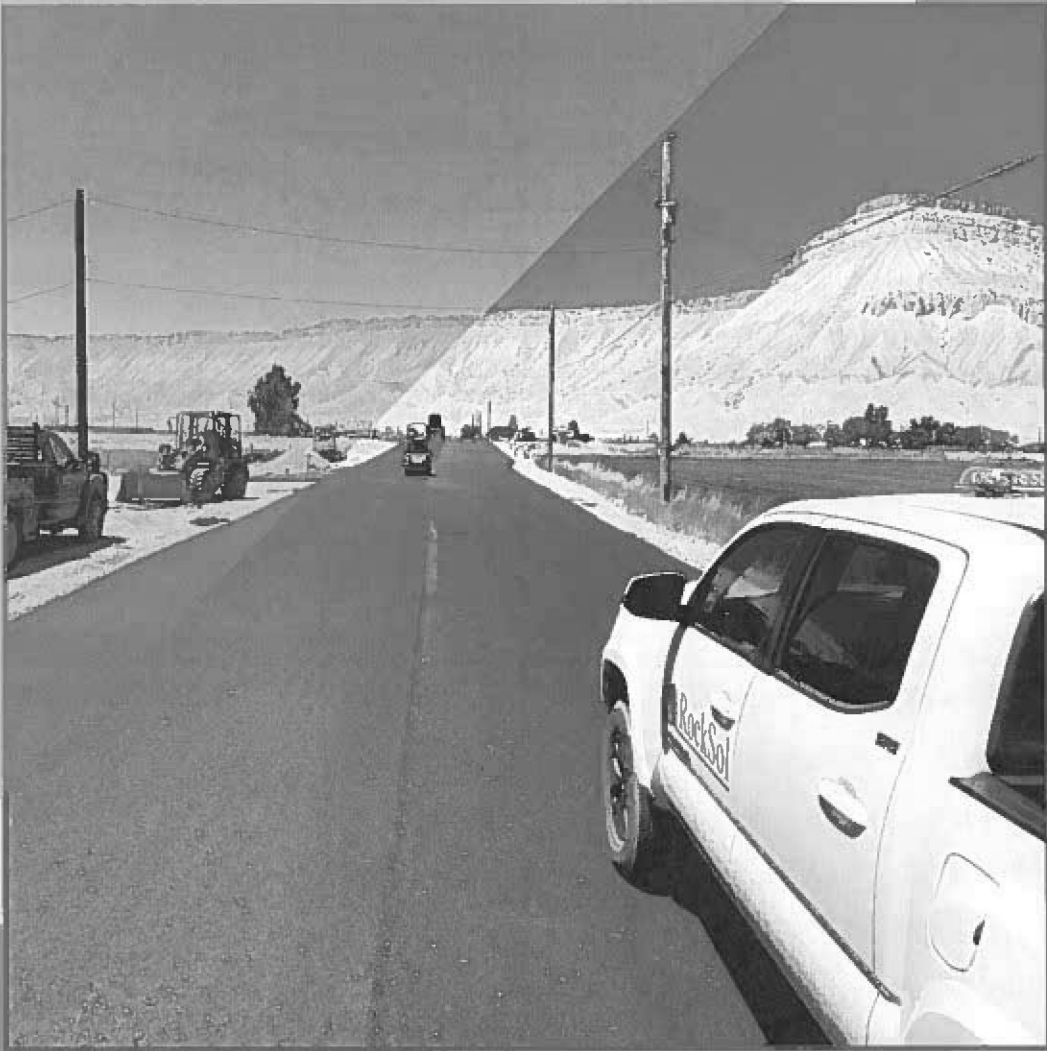
The RockSol construction materials testing capabilities include soil and aggregate tests to the most complex tests needed for the job. Materials testing services are performed to ensure that the materials and workmanship conform to the plans and specifications. **RockSol’s materials testing technicians are cross-trained in field and laboratory materials testing and have successfully completed assignments on numerous municipal agency and CDOT construction projects of all levels of complexity.**

Our technicians understand the importance of adhering to Quality Assurance/Quality Control programs and the accurate, timely documentation of all test results and related activity. All technicians assigned to projects are certified for soils, concrete, and asphalt testing (WAQTC, ACI, and LabCAT respectively). We also have staff with IBC and ICC certifications for special inspections. For more information about the certifications of our materials testing technicians, please refer to the employee resumes starting after page 5.

Our Grand Junction laboratory is accredited and can be supported by our primary materials lab located in the City of Thornton. Our laboratories are certified by AMRL and CCRL (ASTM and AASHTO) and US Army Corps of Engineers and are capable of performing soils, aggregate, concrete, and asphalt testing. Laboratory testing is performed in accordance with required industry and regulatory standards and procedures, including ASTM, AASHTO, and ACI. **If required, RockSol can provide full service construction management services and inspection in addition to materials testing.**



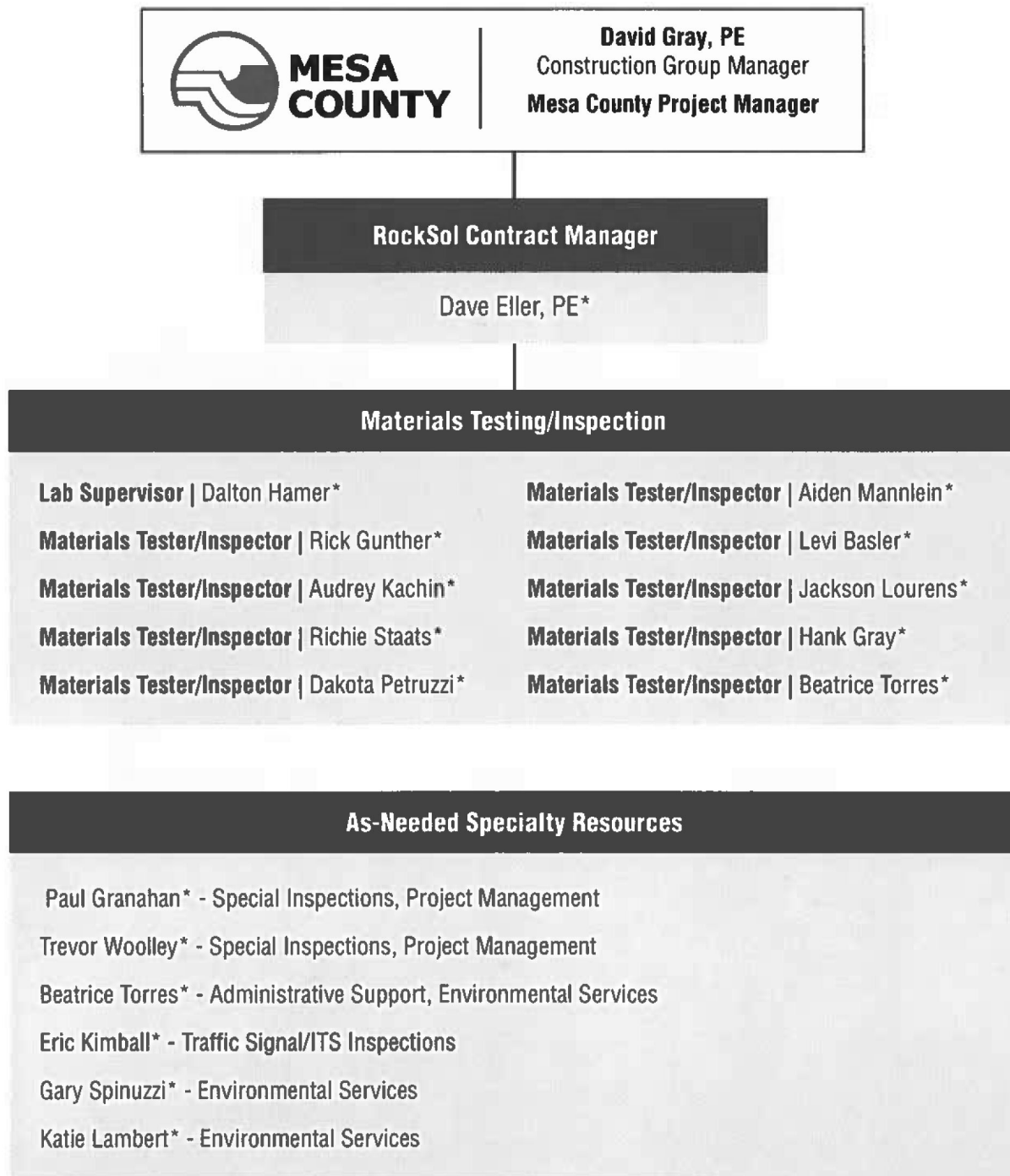
# Team Personnel and Technical Expertise



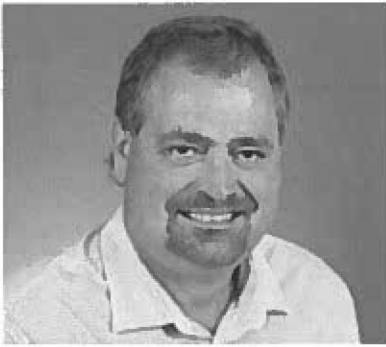
### ORGANIZATIONAL CHART

RockSol has hand-selected a small, experienced team to provide on call quality assurance construction materials testing and inspection services to Mesa County. Our project manager is Dave Eller, who manages the RockSol Grand Junction office and laboratory. Dave has served in the transportation industry in Mesa County for over 30 years, 28 of those during his tenure with CDOT Region 3.

All of our testers and inspectors will be based out of our Grand Junction office and can be supplemented by our primary Thornton laboratory if necessary.



\* Denotes Mesa County Area Resident



**DAVE ELLER, PE**  
Contract Manager & Lab  
Manager

**Up to 20% Contract  
Commitment As Needed**

Years of Experience  
Total: 32  
With RockSol: 4

Education:  
BS, Civil Engineering,  
Colorado State University

Registrations:  
Professional Engineer:  
Colorado

Dave is a registered professional engineer with 32 years of experience in civil engineering. He has managed project planning, design, materials testing, and construction while working in various positions for Colorado Department of Transportation Region 3. This experience includes working with local planning partners in 15 counties in northwest Colorado. As a regional director and program manager at CDOT, he has developed numerous partnerships with local governments to deliver transportation projects ranging in scope from new trails to new interchanges. He has extensive knowledge of state and federal policies, such as NEPA and the Uniform Relocations and Real Property Policy Act of 1970 (Uniform Act), as well as state and federal requirements for contracting documents, civil rights programs, fair labor standards, emergency contracting, and FHWA/CDOT Stewardship Agreements for Quality Assurance and Independent Assurance Testing Programs. Dave has excellent interpersonal and communication skills, honed throughout years of supervising and managing project teams.

### **I-70B and F.5 Road Intersection | Mesa County**

This project consisted of intersection improvements at the I-70B and F.5 Road intersection, including installation of a traffic signal system and various other associated road connection modifications as dictated by CDOT access permits. Items included various removals, earthwork, erosion control, base course, asphalt pavement, drainage structures, guardrail, concrete curb/gutter/sidewalk, pavement markings and signing, and temporary traffic control. **RockSol provided testing services for Mesa County on this project, following Mesa County Standard Specification Procedures (MCSSP) standards for testing. RockSol also supported the county to ensure testing fulfilled all CDOT requirements per the access permit and CDOT project oversight.**

### **22 Road - J.9 Road Bridge Replacement | Mesa County**

Rocksol provided inspection and testing services for Mesa County on this bridge replacement over the Highline Canal at 22 Road and J.9 Road. Work included roadway reconstruction and widening, utility relocates, retaining walls, and replacing the existing structure with a concrete box culvert.

### **US 6, Loma to Mack | CDOT Region 3**

This project consisted of full width 2-inch HMA overlay, milling, leveling, shouldering, pothole repair, guardrail, ADA ramps, and striping from Milepost 11 to Milepost 20 in Mesa County. RockSol provided construction inspection and materials testing services for this project, including additional support to help troubleshoot the HMA mix problems on the project.

### **Rocky Mountain Elementary Sidewalk and Ramps | Mesa County**

*This project involved the construction of approximately 2,300 feet of new sidewalk and installing 7 ADA ramps in the area near the Rocky Mountain Elementary School in Mesa County. RockSol provided project management, contract administration, schedule reviews, responses to RFIs and other submittals, construction inspection, and quality assurance materials testing.*

Dalton lives in Grand Junction and is a mechanical engineer graduate, with background work in building construction and heavy civil construction. Since joining RockSol, Dalton quickly progressed from a field technician to the Lab Manager for RockSol Grand Junction lab. In addition to managing the lab for proper accreditations, Dalton oversees other technicians and provides quality reviews for testing work. Dalton maintains all testing certifications and serves as an on-call tester when needed. Dalton has experience in numerous computer-based programs including CAD, Bluebeam, CDOT SiteManager/LIMS, and the Microsoft Office Suite.

## 2022 Overlay Program I Mesa County

### Materials Tester

This program involved HMA overlay in various locations throughout Mesa County. RockSol provided on-call materials testing services for this program. Testing services included HMA mix verification, HMA voids acceptance testing, and HMA field density testing.

## SH 340 Colonial Drive I Mesa County

### Materials Tester

*This project involved widening SH 340 for auxiliary lanes. Project work included soil nails, shotcrete, earthwork, base course, concrete gutter, and HMA paving. Widening will vary from 4 feet to 8 feet with 12 feet of mill and fill of existing lanes. RockSol provided inspection and materials testing services for this project.*

## 22-J.9 Bridge Replacement I Mesa County

### Materials Tester

This project involved reconstructing approximately 1,300 feet of 22 Road in Mesa County at intersection of 22 Road and K Road. Project work included roadway widening with 4 feet paved shoulders, vertical sight distance improvements, canal bridge replacement with CBC, utility coordination, and other drainage and irrigation improvements. RockSol provided construction management, construction inspection, and materials testing services for this project.

## Riverfront at Dos Rios Bike Park I City of Grand Junction

### Materials Tester

This City of Grand Junction project consisted of approximately 111,093 cubic yards of embankment (47,753 import), approximately 20,000 square yards of ABC, and 25,000 square yards of soil reconditioning. Other project work included sewer, storm sewer, waterline, concrete pavement, concrete sidewalk, concrete curb and gutter, and approximately 5,200 tons of grading SX-75 (64-22) asphalt. On-call testing was full-time in nature due to amount of earthwork and utility trenching required. RockSol provided on-call materials testing and inspection for this project.

## 18.5 and K.99 Road I Mesa County

### Materials Tester

This project involved a bridge replacement on Little Salt Wash. The scope of work included replacement of the existing bridge with a 3-cell precast box culvert, headwalls and wingwalls, grouted riprap, MSE retaining walls, and HMA pavement reconstruction. RockSol provided on-call testing services for this project.



## DALTON HAMER

Lab Supervisor

Up to 80% Contract  
Commitment As Needed

Years of Experience

Total: 5

With RockSol: 4

### Certifications:

CDOT Basic Highway Math,  
Plan Reading, and Survey

CDOT Soils Inspector

CDOT Materials Technician

Traffic Control Supervisor

CAPA LabCat: A, B, C, E

CAPA Asphalt Paving  
Materials Inspector

ACI Concrete Field Testing  
Technician I

ACI Concrete Strength Testing  
Technician I

ACI Masonry Field Testing  
Technician I

WAQTC Technician

OSHA 10-Hour

Nuclear Gauge Safety

HAZMAT





**RICK GUNTHER**  
Materials Tester/Inspector  
Up to 50% Contract  
Commitment As Needed

Years of Experience  
Total: 18  
With RockSol: 1

**Certifications:**

CDOT Basic Highway Math,  
Plan Reading, and Survey

CDOT Materials Technician

CDOT Soils Inspector

CAPA LabCat: A, B, C, I

ACI Concrete Field Testing  
Technician I

ACI Concrete Strength Testing  
Technician I

ACI Masonry Field Testing  
Technician I

Nuclear Gauge Safety

WAQTC

LIMS/SiteManager for Testers

OSHA 10-Hour

Rick is a highly experienced transportation construction professional with nearly 20 years of experience. Rick's experience includes construction inspection, quality assurance materials testing, especially on projects requiring FEMA funding. He is also experienced with reviewing Stormwater Management Plans and MS4 reporting. Rick spent 12 years with the City of Grand Junction performing various construction inspection and materials testing roles and has excellent knowledge of the Mesa County area.

**2022 Overlay Program I Mesa County**  
Materials Tester

This program involved HMA overlay in various locations throughout Mesa County. RockSol provided on-call materials testing services for this program. Testing services included HMA mix verification, HMA voids acceptance testing, and HMA field density testing.

**58-M.6 Road Bridge Replacement**  
Materials Tester

This project is located on 58 Road over Big Creek approximately 2 miles south of Collbran, CO. The project consists of removal of existing bridge and replace with 30 ft. x 34 ft. steel girder bridge with drilled caisson abutments. Reconstruct approximately 1200 ft. of roadway. Work includes clearing and grubbing, asphalt planing, removal of bridge, structural backfill, unclassified excavation, embankment, reinforcing steel, structural steel, drilled caisson (36 in. dia.), base course, asphalt pavement, concrete retaining wall, riprap, erosion control, signing, fencing, guardrail, and other related work. RockSol is providing testing services and inspection support on this project

**South Broadway Shoulder Widening Project I Mesa County**  
Materials Tester

This project is in the Redlands portion of Mesa County near Tiara Rado Golf Course. This project consists of a 6-foot to 10-foot-wide paved shoulder on the north side of South Broadway, construction of an 8-foot-wide concrete sidewalk from Spoon Court through Rado Drive, and replacing an irrigation culvert under South Broadway. Various intersecting access and roadways are impacted by the improvements and will be adjusted. RockSol is providing materials testing services for this project.

**Fire Station #8 I City of Grand Junction**  
Materials Tester

This project is for the City of Grand Junction Fire Station #8. Project work includes earthwork, helical piers, foundations, concrete paving, reinforcement inspection, utility trenching and backfill, HMA, masonry, wood, and structural steel inspections. RockSol is providing geotechnical, inspection, and material testing services for this project.

Audrey is a promising young materials technician with a degree in exercise science from Colorado Mesa University. Since joining RockSol, Audrey quickly acquired her testing certifications and has been providing quality assurance materials testing on various projects throughout Grand Junction and Mesa County. Her focus and attention to detail have made her a valuable asset to RockSol's Grand Junction laboratory.

### **2022 Overlay Program | Mesa County**

#### **Materials Tester**

This program involved HMA overlay in various locations throughout Mesa County. RockSol provided on-call materials testing services for this program. Testing services included HMA mix verification, HMA voids acceptance testing, and HMA field density testing.

### **2022 Asphalt Overlay | City of Grand Junction**

#### **Materials Tester**

This project involved asphalt overlay at various locations including Redlands Parkway, 21.5 Road, 25.5 Road, and Fernwood Court. Project work consisted mostly of 2-inch HMA overlay. Work also included a minor widening at Redlands Parkway and minor reconstruction sections and intersection improvements at the Redlands Parkway & South Rim and Redlands Parkway & Greenbelt Drive intersections. RockSol provided materials testing and inspection services for this project.

### **South Camp Road Widening Improvements | Mesa County**

#### **Materials Tester**

This project is in the Redlands portion of Mesa County near Monument Road. This project consists of adding 5-foot shoulders on both sides of South Camp Road between Monument Road and Rimrock Rock Road including the extension of two existing CMP culverts, replacing an existing 10-foot-wide concrete path to match new intersection geometry, and refining the apron entrance to an existing unimproved dirt social parking lot. Project work includes clearing and grubbing, removal of asphalt mat, embankment, erosion control management, Class 6 ABC, HMA paving, concrete paving, rip rap, inlet Type C, pre-cast headwalls, and 48-inch CSP extensions, and other related work. RockSol is providing materials testing services for this project.

### **Persigo Wastewater Treatment Plant Expansion | City of Grand Junction**

#### **Materials Tester**

This project includes geotechnical investigations for foundation and pavement design recommendations for the proposed expansion at the Persigo Wastewater Treatment Facility. Proposed project improvements consist of several facility additions including a dewatering building, a blower building extension to the existing activated sludge basins, and a canopy structure over the existing UV basins. RockSol is providing geotechnical investigation services for this project.



### **AUDREY KACHIN**

**Materials Tester/Inspector**

**Up to 50% Contract  
Commitment As Needed**

**Years of Experience**

**Total: 1**

**With RockSol: 1**

**Certifications:**

CDOT Soils Inspector

CAPA LabCat: A, B, C

ACI Concrete Field Testing  
Technician I

ACI Concrete Strength Testing  
Technician I

WAQTC

LIMS/SiteManager for Tester

OSHA 10-Hour

Nuclear Gauge Safety



**RICHIE STAATS**

Materials Tester/Inspector

Up to 20% Contract  
Commitment As Needed

Years of Experience  
Total: 1  
With RockSol: 1

**Certifications:**

CDOT Materials Technician

CAPA LabCat: A, B, C

ACI Concrete Field Testing  
Technician

WAQTC

LIMS/SiteManager for Testers

OSHA 10-Hour

Nuclear Gauge Safety

Richie is a materials technician with experience in asphalt and concrete quality assurance materials testing in both field and laboratory settings. He is a Grand Junction local who has been a dependable addition to RockSol's Grand Junction laboratory and his knowledge of the area make him a valuable asset to Mesa County.

**2022 Overlay Program | Mesa County**

Materials Tester

This program involved HMA overlay in various locations throughout Mesa County. RockSol provided on-call materials testing services for this program. Testing services included HMA mix verification, HMA voids acceptance testing, and HMA field density testing.

**Vail Pass Safety and Operations | CDOT Region 3**

Materials Tester

This I-70 Vail Pass Safety & Operations project is located along I-70 in Eagle and Summit Counties, from approximately Milepost (MP) 180-191.5. The purpose of the project is to improve safety and operations on Eastbound and Westbound I-70 on West Vail Pass. RockSol is providing construction management, inspection, and materials testing services for this project.

**2022 Waterline Replacement | City of Grand Junction**

Materials Tester

This project is for the City of Grand Junction to complete construction of approximately 7,500 linear feet of 6-inch C900 PVC water main with ¾-inch copper service line connections, valves, bends, couplings, tees, crosses, and the fire hydrant laterals. Project work also includes abandonment and capping of the existing water system at the connection locations as well as placement of 6-inch water main, fire hydrants, service connections, pipe bedding, embankment backfill, Class 6 ABC, HMA patching, concrete drain pan, concrete curb and gutter, and concrete sidewalk. RockSol is providing materials testing and inspection services for this project.

**Partial Reconstruction of South Rim and Kansas Avenue | City of Grand Junction**

Materials Tester

This project partially reconstructed sections of South Rim Drive, Kansas Avenue, and 5 associated cul-de-sacs with failing pavement conditions. This project removed the existing pavement, reconditioned base course, and paved a new HMA pavement surface. Drainage patterns were maintained but a slight crown was added to the roadway to enhance water shedding. The project included approximately 14,398 square yards of asphalt mat removal, 14,348 square yards of existing base course reconditioning, 42 square yards of concrete gutter, 2,802 tons of asphalt pavement, utility adjustments, and reset of landscaping. RockSol provided materials testing and inspection services for this project.

Dakota came to RockSol from the contractor side of the industry where he performed aggregate and asphalt sampling and laboratory testing for a construction company. He has experience in sieve analysis, asphalt binder content, bulk specific gravity, maximum theoretical specific gravity, sand equivalency tests, stabilities and lottmans tests, density tests via nuclear gauge, and more. Since joining RockSol, Dakota has performed quality assurance materials testing on projects for Mesa County, the City of Grand Junction, and CDOT.

### **2022 Overlay Program | Mesa County**

#### **Materials Tester**

This program involved HMA overlay in various locations throughout Mesa County. RockSol provided on-call materials testing services for this program. Testing services included HMA mix verification, HMA voids acceptance testing, and HMA field density testing.

### **2022 Transportation Corridor Improvements | City of Grand Junction**

#### **Materials Tester**

This project involves geotechnical investigations for pavement design for proposed transportation capacity improvements on four corridors in Grand Junction, Colorado. Improvements include roadway widening, drainage improvements, intersection improvements, pedestrian improvements, and potential CBC extension at Grand Valley Canal. Project locations include B ½ Road between 29 Road extending just east of 29 ¾ Road, D ½ Road between D ½ Court extending east to 30 Road, F ½ Road between 30 Road extending east to Lewis Gulch, and 26 ½ Road between Horizon Drive north to G Road. RockSol is providing geotechnical investigations for this project.

### **Persigo Wastewater Treatment Plant Expansion | City of Grand Junction**

#### **Materials Tester**

This project includes geotechnical investigations for foundation and pavement design recommendations for the proposed expansion at the Persigo Wastewater Treatment Facility. Proposed project improvements consist of several facility additions including a dewatering building, a blower building extension to the existing activated sludge basins, and a canopy structure over the existing UV basins. RockSol is providing geotechnical investigation services for this project.

### **2022 Overlay Program | City of Grand Junction**

#### **Materials Tester**

This project completed street maintenance projects at various locations in the City of Grand Junction. Work included asphalt milling, sub-base reconditioning, ABC Class 6, concrete curb ramps, concrete sidewalks, concrete curb and gutter, concrete crosswalk, concrete median cover, inlet structures, and RCP storm drains. RockSol provided on-call testing and inspection support for this project.



### **DAKOTA PETRUZZI**

**Materials Tester/Inspector**

**Up to 40% Contract  
Commitment As Needed**

Years of Experience

Total: 1

With RockSol: <1

#### **Certifications:**

CDOT Soils Inspector

CAPA LabCat: A, B, C

ACI Concrete Field Testing  
Technician I

WAQTC

OSHA 10-Hour

Nuclear Gauge Safety



**AIDEN MANNLEIN**  
Materials Tester/Inspector  
Up to 60% Contract  
Commitment As Needed

Years of Experience  
Total: 2  
With RockSol: 1

**Certifications:**

CDOT Materials Technician

CAPA LabCat: A, B, C, I

ACI Concrete Field Testing  
Technician I

LIMS/SiteManager for Testers

OSHA 10-Hour

Nuclear Gauge Safety

Aiden is a materials testing technician who also has experience in construction. He is certified in and has experience with asphalt and concrete quality assurance materials testing in both field and laboratory settings. Aiden is also a Grand Junction local with extensive knowledge of Mesa County and the surrounding areas. Since joining RockSol he has worked on a variety of projects for Mesa County, City of Grand Junction, and CDOT.

**2022 Overlay Program | Mesa County**  
Materials Tester

This program involved HMA overlay in various locations throughout Mesa County. RockSol provided on-call materials testing services for this program. Testing services included HMA mix verification, HMA voids acceptance testing, and HMA field density testing.

**SH 139 Douglas Pass North & South Rural Resurfacing | CDOT Region 3**  
Materials Tester

This is a surface treatment project within Garfield and Rio Blanco Counties along SH 139 with projects on either side of Douglas Pass, separated by a no-work zone. Project work includes placement of an HMA leveling course and a 1.5-inch HMA overlay, guardrail replacement, pavement marking, rumble strips, and traffic control. RockSol is providing construction management, construction inspection, and materials testing services for this project.

**US 50 Settlement Repair | CDOT Region 3**  
Materials Tester

This project consists of a 2-inch HMA overlay and installing guardrail that will meet the new safety standard requirements. The HMA will add approximately 10 years of life to the highway, a smoother road surface, and will eliminate ruts and road damage. The new guardrail will be 31-inches high instead of 27-inches high to help vehicles remain on the road more effectively, making the highway safer for the traveling public. Additional project work includes shoulder work, full depth reclamation, milling, and striping. RockSol is providing materials testing services for this project.

**Persigo Wastewater Treatment Plant Expansion | City of Grand Junction**  
Materials Tester

This project includes geotechnical investigations for foundation and pavement design recommendations for the proposed expansion at the Persigo Wastewater Treatment Facility. Proposed project improvements consist of several facility additions including a dewatering building, a blower building extension to the existing activated sludge basins, and a canopy structure over the existing UV basins. RockSol is providing geotechnical investigation services for this project.

Levi is a materials tester who is knowledgeable in quality assurance materials testing with experience testing asphalt, concrete, and soils within CDOT, city, and county specifications. Levi has excellent interpersonal skills which he incorporates into his daily activities as a materials tester. He understands materials properties and specifications and is able to follow appropriate safety guidelines.

### **2022 Overlay Program I Mesa County**

#### **Materials Tester**

This program involved HMA overlay in various locations throughout Mesa County. RockSol provided on-call materials testing services for this program. Testing services included HMA mix verification, HMA voids acceptance testing, and HMA field density testing.

### **US 50 & US 550 Montrose Resurfacing I CDOT Region 3**

#### **Materials Tester**

*This project is located in the City of Montrose, Colorado on US 50 and US 550. Project work consists of 2.5-inch HMA mill and fill, 1-inch leveling with 1.5-inch HMA overlay, and culverts at US 50 mile marker 86 to mile marker 91.9 and US 550 mile marker 126.4 to mile marker 130.2. RockSol is providing construction management, construction inspection, and materials testing services for this project.*

### **2022 Transportation Corridor Improvements I City of Grand Junction**

#### **Materials Tester**

This project involves geotechnical investigations for pavement design for proposed transportation capacity improvements on four corridors in Grand Junction, Colorado. Improvements include roadway widening, drainage improvements, intersection improvements, pedestrian improvements, and potential CBC extension at Grand Valley Canal. Project locations include B ½ Road between 29 Road extending just east of 29 ¾ Road, D ½ Road between D ½ Court extending east to 30 Road, F ½ Road between 30 Road extending east to Lewis Gulch, and 26 ½ Road between Horizon Drive north to G Road. RockSol is providing geotechnical investigations for this project.

### **2021 Overlay Program I City of Grand Junction**

#### **Materials Tester**

The City of Grand Junction overlay program consisted of approximately 11,000 tons of HMA leveling and 2-inch overlay, 55,127 square yards of asphalt milling, approximately 1,062 linear feet of curb and gutter, 1,469 square yards of concrete driveway, 230 square yards of monolithic curb, gutter, and sidewalk, and 441 square yards of concrete ADA ramps. Additionally, there was approximately 2,100 square yards of minor widening for bike lane improvements on H Road including excavation, aggregate base course, and 3-inch HMA surfacing. This project included on-call testing and inspection services on High Country Court, Bogart Lane, Hoover Drive, and Crossroads Area.



#### **LEVI BASLER**

**Materials Tester/Inspector**

**Up to 40% Contract  
Commitment As Needed**

**Years of Experience**

**Total: 2**

**With RockSol: 2**

#### **Certifications:**

CDOT Basic Highway Math,  
Reading, and Surveying

CDOT Soils Inspector

CDOT Materials Technician

Traffic Control Supervisor

CAPA LabCat: A, B, C

ACI Concrete Field Testing  
Technician I

WAQTC

LIMS/SiteManager for Testers

OSHA 10-Hour

Nuclear Gauge Safety



**JACKSON LOURENS**  
Materials Tester/Inspector

Up to 40% Project  
Commitment As Needed

Years of Experience  
Total: 5  
With RockSol: 2

Certifications:

**IBC General Inspection**

CDOT Soils Inspector

CDOT Materials Technician

CAPA LabCat: A, B, C

ACI Concrete Field Testing  
Technician I

WAQTC

LIMS/SiteManager for  
Testers

OSHA 10-Hour

Nuclear Gauge Safety

Jackson is currently earning his degree in Construction Management at Colorado Mesa University. He has 5 years of experience in the construction industry, including 3 years working on an overlay crew where he performed asphalt and concrete overlay on bridge and road projects. With RockSol, Jackson has performed quality assurance materials testing on various projects for Mesa County, City of Grand Junction, and CDOT.

**18.5 and K.99 Road | Mesa County**

Materials Tester

This project involved a bridge replacement on Little Salt Wash. The scope of work included replacement of the existing bridge with a 3-cell precast box culvert, headwalls and wingwalls, grouted riprap, MSE retaining walls, and HMA pavement reconstruction. RockSol provided on-call testing services for this project.

**Lincoln Park Stadium Improvements | City of Grand Junction**

Materials Tester

This project consisted of stadium improvements at Suplizio Field and Stocker Stadium in Grand Junction. Project work included earthwork, concrete, foundations, HMA and concrete paving, masonry, and structural steel inspections. RockSol provided on-call materials testing and inspection services for this project.

**G Road Bridge Replacement | City of Grand Junction**

Materials Tester

This project consisted of replacing the G Road Bridge over North Leach Creek, the realignment of North Leach Creek, and the installation of new underground utilities to accommodate the new bridge structure. Approximate quantities were as follows: 842 cubic yards of structural concrete, 4,832 linear feet of steel H-piling, 135,613 pounds of steel reinforcement, 1,905 linear feet of domestic waterline, 370 linear feet of sewer line, 573 linear feet of storm drain, 4,779 square feet of prestressed concrete slab, pedestrian lighting and electrical, precast concrete block retaining wall, landscaping, wetland mitigation, irrigation, and utility relocations. RockSol provided construction inspection and materials testing services for this project.

**Partial Reconstruction of South Rim and Kansas Avenue | City of Grand Junction**

Materials Tester

This project partially reconstructed sections of South Rim Drive, Kansas Avenue, and 5 associated cul-de-sacs with failing pavement conditions. This project removed the existing pavement, reconditioned base course, and paved a new HMA pavement surface. Drainage patterns were maintained but a slight crown was added to the roadway to enhance water shedding. The project included approximately 14,398 square yards of asphalt mat removal, 14,348 square yards of existing base course reconditioning, 42 square yards of concrete gutter, 2,802 tons of asphalt pavement, utility adjustments, and reset of landscaping. RockSol provided materials testing and inspection services for this project.

Hank is a detail-oriented construction management professional who delivers high-quality work. His strong work ethic, common sense, and ability to prioritize projects are an asset on any project. Hank is an enthusiastic worker who is always willing to learn new skills and take on more responsibility. He is also skilled at building and maintaining professional relationships.

### **US 550 Chipeta Road Signalization | Montrose County**

#### **Materials Tester/Inspector**

This project consists of the construction of a traffic signal located on the intersections of Chipeta Road and Highway 550. Project work includes roadway widening, traffic signals, curb and gutter, paving, and striping. This project is being constructed under a CDOT access permit, and all project documentation will meet CDOT requirements. RockSol is performing construction management, inspection, and testing services for this project. Hank is serving as the lead inspector and tester.

### **Rocky Mountain Elementary Sidewalk and Ramps | Mesa County**

#### **Materials Tester**

*This project involved the construction of approximately 2,300 feet of new sidewalk and installing 7 ADA ramps in the area near the Rocky Mountain Elementary School in Mesa County. RockSol provided project management, contract administration, schedule reviews, responses to RFIs and other submittals, construction inspection, and quality assurance materials testing.*

### **34-F.9 Bridge Replacement | Mesa County**

#### **Materials Tester**

This project consisted of the demolition and reconstruction of the 34 Road bridge. This bridge is located about 400 feet south of the intersection of 34 Road and G Road and crosses over the Government Highline Canal. Multiple utilities were located on this bridge and had to be transplanted into the new structure. Road closures were required for the entire project. RockSol provided materials testing and special inspection services for this project. All documentation was completed per the CDOT Local Agency manual and submitted to Mesa County and CDOT for final acceptance.

### **Fire Station #8 | City of Grand Junction**

#### **Materials Tester**

This project is for the City of Grand Junction Fire Station #8. Project work includes earthwork, helical piers, foundations, concrete paving, reinforcement inspection, utility trenching and backfill, HMA, masonry, wood, and structural steel inspections. RockSol is providing geotechnical, inspection, and material testing services for this project.

### **US 50 & US 550 Montrose Resurfacing | CDOT Region 3**

#### **Materials Tester**

*This project is located in the City of Montrose, Colorado on US 50 and US 550. Project work consists of 2.5-inch HMA mill and fill, 1-inch leveling with 1.5-inch HMA overlay, and culverts at US 50 mile marker 86 to mile marker 91.9 and US 550 mile marker 126.4 to mile marker 130.2. RockSol is providing construction management, construction inspection, and materials testing services for this project.*



#### **HANK GRAY**

#### **Materials Tester/Specialty Inspections**

**Up to 60% Project Commitment As Needed**

**Years of Experience**

**Total: 5**

**With RockSol: 2**

#### **Certifications:**

**IBC General Inspection**

**IBC Masonry Inspection**

**CDOT Basic Highway Math, Reading, and Surveying**

**CDOT Materials Technician**

**CDOT Soils Inspector**

**CAPA LabCat: A, B, C, E, I**

**ACI Concrete Field Testing Technician I**

**ACI Concrete Strength Technician I**

**WAGTC**

**Traffic Control Supervisor**

**TECS**

**LIMS/SiteManager for Testers**

**OSHA 10-Hour**

**Nuclear Gauge Safety**





**TREVOR WOOLLEY**

Inspections/Project Management

Up to 20% Project Commitment As Needed

Years of Experience  
Total: 28  
With RockSol: <1

**Certifications:**

CDOT Basic Plan Reading

CAPA LabCat: A, B, C

Traffic Control Supervisor

TECS

ATSSA Flagger

LIMS/SiteManager for Testers

LIMS/SiteManager for PEs

OSHA 10-Hour

Nuclear Gauge Safety

Trevor is a highly experienced construction manager and inspector with nearly 30 years in the industry. Trevor spent 28 years with CDOT performing geotechnical sampling, construction materials testing and inspection, and construction and project management. He has been performing construction management, inspection, and testing services in the Mesa County area since 2000.

**32.5 Road and Clifton Campus Improvements | Mesa County**  
Construction Manager/Geotech

This project is a Geotechnical Investigation and pavement design for the Clifton Campus Roadway Improvements Project in Mesa County, Colorado. The development of the Clifton Campus will impact traffic on Mesa County roadways. Mesa County anticipates improvements to D 3/4 Road, 32 1/2 Road, and evaluation of the Grand Valley Canal Structure for replacement or widening. This project will provide for professional services associated with the design, bidding, and construction phases of those improvements. This work is being completed in conformance with all applicable CDOT and/or Mesa County standards and policies. RockSol is performing geotechnical investigations and pavement design services for this project.

**Ute Water Pre-Sedimentation Pond | Ute Water Conservancy District**  
Construction Manager/Testing Manager

This project is located at the Ute Water pump station from the Colorado River, just East of Palisade near Rapid Creek. The project consists of the construction of one earthen pre-sedimentation pond with concrete lining, 24-inch piping, concrete outlet structures, associated process and electrical equipment including connection to existing 24-inch discharge pipeline. Work included Unclassified Excavation/ Embankment, Concrete Testing and Structural Backfill. RockSol is performing owner acceptance testing on this project. Owner Acceptance testing follows AASHTO and Mesa County Standards and Testing Frequency on this project.

**2022 Transportation Corridor Improvements | City of Grand Junction**  
Construction Manager

This project involves geotechnical investigations for pavement design for proposed transportation capacity improvements on four corridors in Grand Junction, Colorado. Improvements include roadway widening, drainage improvements, intersection improvements, pedestrian improvements, and potential CBC extension at Grand Valley Canal. Project locations include B 1/2 Road between 29 Road extending just east of 29 3/4 Road, D 1/2 Road between D 1/2 Court extending east to 30 Road, F 1/2 Road between 30 Road extending east to Lewis Gulch, and 26 1/2 Road between Horizon Drive north to G Road. RockSol is providing geotechnical investigations for this project.

**24 and G Road Improvements | City of Grand Junction**  
Construction Manager/Testing Manager

This City of Grand Junction project consists of widening 24 Road by constructing southbound lanes west of the existing roadway and connecting the existing roadway with a landscaped concrete median, as well as the construction of a roundabout at the existing 24 Road and G Road intersection. RockSol is providing on-call testing and inspection support for this project.

Paul has 22 years of experience in highway and bridge construction management and testing. He spent 15 years with the Colorado Department of Transportation (CDOT) in the Denver metropolitan area and Region 3, including 8 years as a construction project manager. His experience includes all aspects of highway and bridge testing and construction inspection and project management. Paul's background also includes stormwater management; asphalt and concrete pavements; bridge deck rehab; polyester concrete overlay; scour mitigation; rock drilling, blasting and scaling; trench-less culvert replacement; retaining walls including mechanically stabilized earth, cast-in-place, and soil nail walls; geotextile reinforcements and lime treatment and cement treatment for pavement sub-grades; cold-in-place recycling and full depth reclamation for pavement sub-grades; lighting, signals, and traffic control; public relations; landscaping; utility installation, relocation, and coordination; Intelligent Traffic System (ITS) elements; and drainage improvements. He is quite knowledgeable in CDOT project documentation, submittal reviews, utility coordination, payroll checking, scheduling, public relations and railroad coordination, and is well versed in SiteManager. His design review experience includes construction phasing, traffic control plans, scheduling, erosion control plans, final plan and specification review, and value engineering study team. His design review experience combined with his diverse project management experience makes him an asset to projects from inception to completion.

### **SH 139 Douglas Pass North & South Rural Resurfacing | CDOT Region 3**

#### **Construction Manager**

This is a surface treatment project within Garfield and Rio Blanco Counties along SH 139 with projects on either side of Douglas Pass, separated by a no-work zone. Project work includes placement of an HMA leveling course and a 1.5-inch HMA overlay, guardrail replacement, pavement marking, rumble strips, and traffic control. RockSol is providing construction management, construction inspection, and materials testing services for this project.

### **Lincoln Park Stadium Improvements | City of Grand Junction**

#### **Special Inspections**

This project consisted of stadium improvements at Suplizio Field and Stocker Stadium in Grand Junction. Project work included earthwork, concrete, foundations, HMA and concrete paving, masonry, and structural steel inspections. RockSol provided on-call materials testing and inspection services for this project.

### **US 550 Durango, 8th Street to 14th Street Corridor | CDOT Region 5**

#### **Construction Manager**

*This project was located in Region 5 on US 550 in La Plata County. Project work included replacement of signals at US 550 and 9th Street and US 550 and 12th Street, new curb ramps, and the installation of concrete medians on US 550 between 8th Street and 14th Street. RockSol provided construction management, inspection, and materials testing services for this project.*



### **PAUL GRANAHAN**

#### **Specialty Inspections/ Project Management**

#### **Up to 20% Project Commitment As Needed**

Years of Experience  
Total: 23  
With RockSol: 1

#### **Certifications:**

**NHI Bridge Construction  
Inspection**

**IBC General Inspection**

**IBC Masonry Inspection**

**Pavement Preservation for  
Chip Seal**

**Pavement Preservation for  
Slurry Systems**

CDOT Basic Highway Math,  
Reading, and Surveying

Concrete Pavement Inspector

ACI Concrete Field Testing  
Technician I

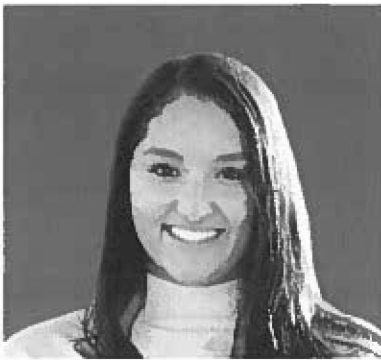
Traffic Control Supervisor

TECS

LIMS/SiteManager for Testers

LIMS/SiteManager for PEs

OSHA 10-Hour



**BEATRICE TORRES**  
Environmental Services/  
Materials Tester/  
Administrative Support

Up to 20% Project  
Commitment As Needed

Years of Experience  
Total: 2  
With RockSol: 2

Certifications:  
CAPA LabCat: A, B, C  
ACI Concrete Field Testing  
Technician I  
ACI Concrete Strength  
Technician I  
TECS  
LIMS/SiteManager for  
Testers  
Nuclear Gauge Safety  
HAZMAT

Bea graduated from Colorado Mesa University with a degree in Biology. After completing her internship with RockSol Bea joined to support environmental services and storm water compliance. In addition, Bea has gained testing certifications and provides primary support for laboratory testing with local on-call projects. This includes concrete lab testing and HMA volumetrics testing. Bea also assists with RockSol internal quality control, invoicing, and serves as the office manager for the RockSol Grand Junction office.

### **2022 Overlay Program I Mesa County** Materials Tester

This program involved HMA overlay in various locations throughout Mesa County. RockSol provided on-call materials testing services for this program. Testing services included HMA mix verification, HMA voids acceptance testing, and HMA field density testing.

### **Riverfront at Dos Rios Bike Park I City of Grand Junction** Materials Tester

This City of Grand Junction project consisted of approximately 111,093 cubic yards of embankment (47,753import), approximately 20,000 square yards of ABC, and 25,000 square yards of soil reconditioning. Other project work included sewer, storm sewer, waterline, concrete pavement, concrete sidewalk, concrete curb and gutter, and approximately 5,200 tons of grading SX-75 (64-22) asphalt. On-call testing was full-time in nature due to amount of earthwork and utility trenching required. RockSol provided on-call materials testing and inspection for this project.

### **Fire Station #8 I City of Grand Junction** Materials Tester

This project is for the City of Grand Junction Fire Station #8. Project work includes earthwork, helical piers, foundations, concrete paving, reinforcement inspection, utility trenching and backfill, HMA, masonry, wood, and structural steel inspections. RockSol is providing geotechnical, inspection, and material testing services for this project.

### **Persigo Wastewater Treatment Plant Expansion I City of Grand Junction** Materials Tester

This project includes geotechnical investigations for foundation and pavement design recommendations for the proposed expansion at the Persigo Wastewater Treatment Facility. Proposed project improvements consist of several facility additions including a dewatering building, a blower building extension to the existing activated sludge basins, and a canopy structure over the existing UV basins. RockSol is providing geotechnical investigation services for this project.

### **Lincoln Park Stadium Improvements I City of Grand Junction** Materials Tester

This project consisted of stadium improvements at Suplezio Field and Stocker Stadium in Grand Junction. Project work included earthwork, concrete, foundations, HMA and concrete paving, masonry, and structural steel inspections. RockSol provided on-call materials testing and inspection services for this project.

Eric has over 40 years of experience as an electrician, including 27 years as an Electrical Supervisor and ITS Maintenance Supervisor. His expertise includes construction inspection and the design, installation, and maintenance of ITS systems, and traffic signals.

### **2023 Traffic Signal Communications Support | CDOT Region 3** Construction Inspector

This project involves preparing or updating all or part of a Signal Infrastructure Strategic and Architecture to plan, completing a final Traffic Signal Communications Plan, and prioritizing, developing, and implementing various signal infrastructure projects throughout Region 3. This work will be performed as an extension of the Region 3 Traffic Operations Unit including the Traffic Signals Unit.

### **US 550 Durango, 8th Street to 14th Street Corridor | CDOT Region 5** Construction Inspector

*This project was located in Region 5 on US 550 in La Plata County. Project work included replacement of signals at US 550 and 9th Street and US 550 and 12th Street, new curb ramps, and the installation of concrete medians on US 550 between 8th Street and 14th Street. RockSol provided construction management, inspection, and materials testing services for this project.*

### **US 50 Delta Signal Upgrades** Construction Inspector

*This project was located in Region 3 in Delta County. This project was a phased funded project as outlined in the Commencement and Completion of the Project Special Provisions. Project work included installation of new conduit, vehicle detection, replacing traffic signal head back plates, replacing wiring, replacing controller cabinets, and installing pedestrian push buttons on US 50 MM 71.0 to MM 71.5 at 3rd, 4th, 5th, and 6th Streets. RockSol provided construction management, inspection, and materials testing services for this project.*

### **US 550 Chipeta Road Signalization | Montrose County** Construction Inspector

This project consists of the construction of a traffic signal located on the intersections of Chipeta Road and Highway 550. Project work includes roadway widening, traffic signals, curb and gutter, paving, and striping. This project is being constructed under a CDOT access permit, and all project documentation will meet CDOT requirements. RockSol is performing construction management, inspection, and testing services for this project.



**ERIC KIMBALL**  
Specialty Inspections for  
Signal/ITS

**Up to 25% Project  
Commitment As Needed**

Years of Experience  
Total: 27  
With RockSol: 1

Certifications:  
**Master Electrician: CO**  
**Traffic Control Supervisor**  
OSHA 10-Hour



**GARY SPINUZZI**  
Environmental Services

Up to 10% Project  
Commitment As Needed

Years of Experience  
Total: 38  
With RockSol: 4

Certifications:  
LIMS/SiteManager for PEs  
TECS

Gary is a seasoned biologist with over 35 years of experience working with the CDOT's Environmental services. He comes to RockSol having served last as the Water Pollution Control Manager for CDOT Region 3, where he was responsible for overseeing the Stormwater Management Program to ensure compliance with stormwater requirements related to the Colorado Discharge Permit System (CDPS). Gary brings a wealth of experience with CDOT and Federal Highway Administration processes, and his work has covered all areas including Property Management. He has been responsible for completing many Categorical Exclusions (CE) for a variety of projects while ensuring clearances were delivered in a timely manner and, has reviewed Environmental Assessments (EA) and Environmental Impact Statements (EIS) for large civil engineering projects involving water quality impacts. Gary brings a wealth of experience with CDOT and FHWA environmental processes, and his work covered all areas including Property Management.

**22-J.9 Bridge Replacement I Mesa County**  
Environmental Specialist

This project involved reconstructing approximately 1,300 feet of 22 Road in Mesa County at intersection of 22 Road and K Road. Project work included roadway widening with 4 feet paved shoulders, vertical sight distance improvements, canal bridge replacement with CBC, utility coordination, and other drainage and irrigation improvements. RockSol provided construction management, construction inspection, and materials testing services for this project.

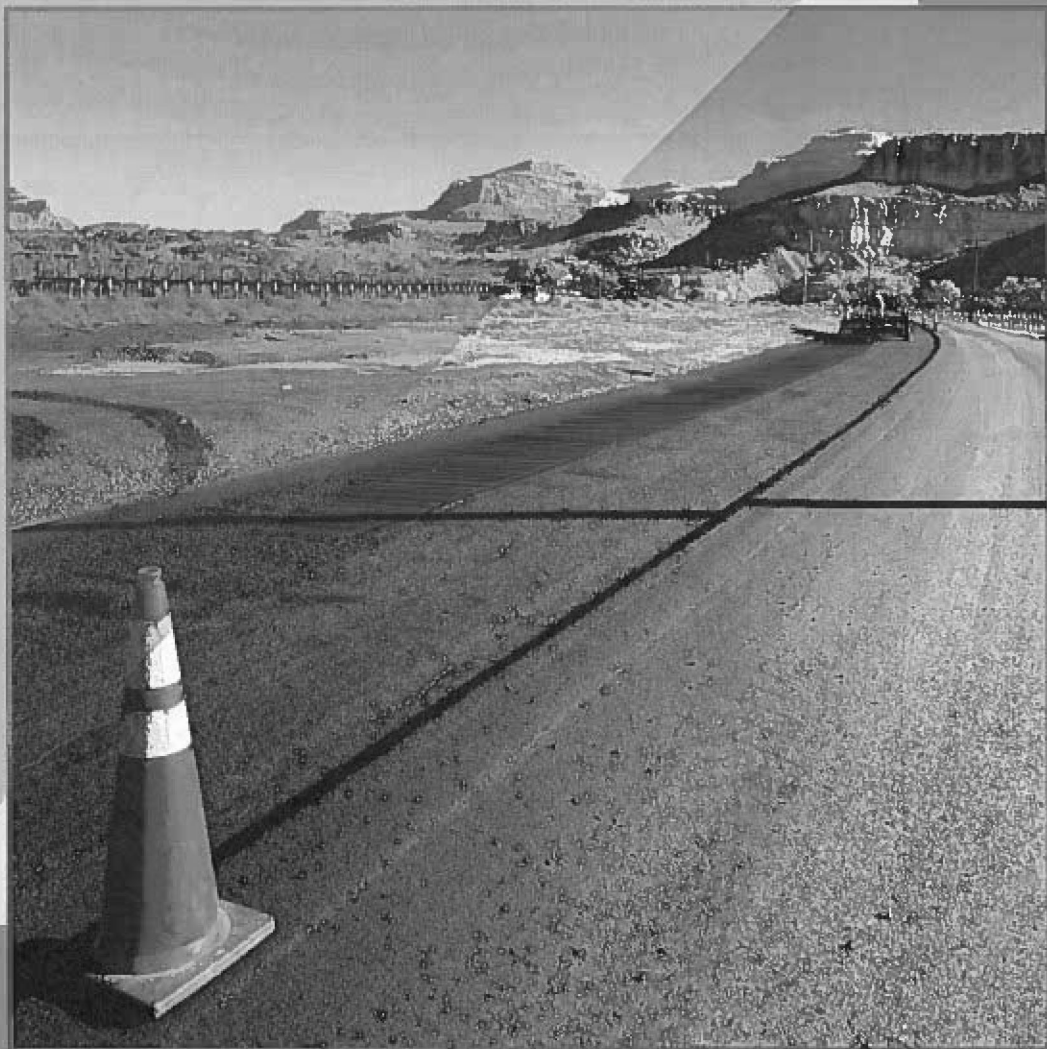
**Juniata Slope Review I City of Grand Junction**  
Environmental Specialist

Based on information provided by the City of Grand Junction (City), a break in the Kannah Creek Flow Line to Juniata Reservoir occurred in 2019. The broken section of pipeline occurred near the top of a slope located between Kannah Creek Road and Purdy Mesa Road, southeast of Juniata Reservoir, and north of the 9220 Kannah Creek Road property. Following the break to the Flow Line, the City made repairs to the section along the slope. As part of the Flow Line repairs, slope cut operations were performed for construction equipment access. RockSol evaluated the existing conditions of the subject slope for a general evaluation of stability of the surficial materials.

**I-70 EB Auxiliary Lanes, Frisco to Silverthorne I CDOT Region 3**  
Environmental Specialist

This project consists of auxiliary lane addition, widening of two significant bridges, and Exit 205 ramp improvements for Interstate 70 located in Summit County. The project length is approximately 3.5 miles. Project work includes earthwork, aggregate base course, major structure widening (F-12-Y and F-12-S), resurfacing, guardrail, drainage structures, culvert lining, overhead sign structures, game fence, scenic overlook improvement, epoxy pavement marking, and traffic control. RockSol is providing construction management, inspection, and materials testing services for this project.

# Ability to Meet Project Schedule



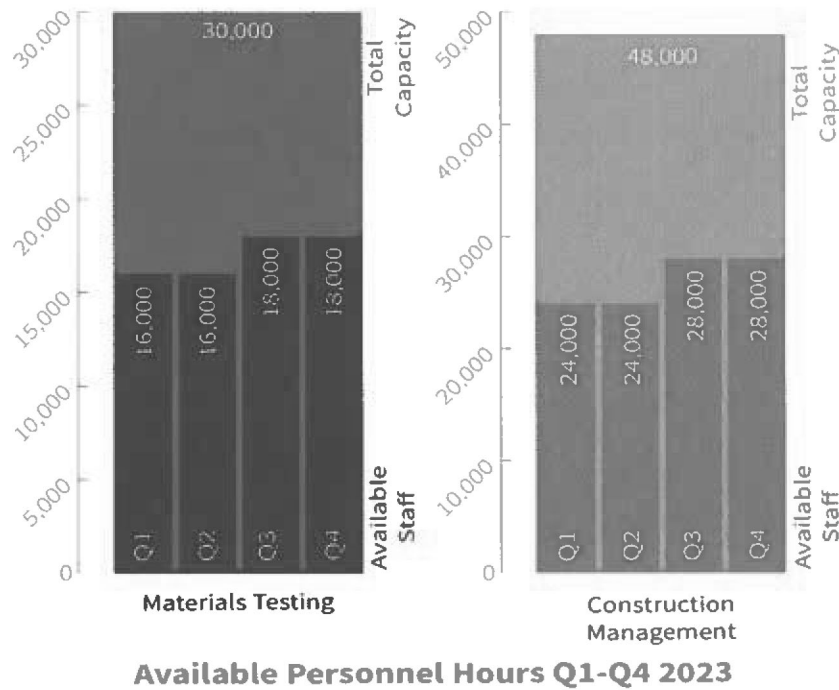
### ABILITY TO MEET PROJECT SCHEDULE

Our construction inspectors and testers will be 100% dedicated to each project for its duration. We firmly believe in maintaining the same key staff for the entirety of a project to ensure cohesion and uniformity. If and when needed, RockSol can draw from its Thornton office construction services staff of over 160 to meet emerging needs to support our staff in Grand Junction. Our depth of resources ensures we have sufficient capacity to meet the needs of this project concurrently with our other workload commitments. We have the experience to support our Grand Junction staff and capacity to leverage quality staff to meet urgent or fast-track schedules.

This capacity may be useful if the selected Contractor opts to construct on numerous segments simultaneously, requiring more than a single tester on site.

In addition to having the flexibility to increase and decrease staff numbers, **our personnel are ready and willing to work days or nights** to meet project needs. RockSol has a history of maintaining the same key personnel throughout the duration of the project, bringing in additional personnel during peak construction periods. The graph below shows our complete team's capacity over the next year, with increasing availability as the construction season progresses for both construction management and testing.

We have hand-selected local staff, as outlined in the Team Personnel section, with sufficient availability to respond quickly and efficiently to any requests under this contract. Individual staff commitment levels for the coming year are shown on their resumes.



# Previous Similar Projects





## MESA COUNTY ON-CALL QA TESTING SERVICES

David Gray, Construction Group Manager  
 970.255.5057 | david.gray@mesacounty.us

RockSol currently holds an on-call quality assurance materials testing contact with Mesa County. Under this contract, RockSol has been providing asphalt and paving testing at various locations throughout Mesa County. Some of these projects include:

- 2022 Overlay Program
- 22 Road, I to J Road Bridge Replacement
- G.8-39.1 Bridge Rehab
- SH 141 Springfield Intersection
- Cameo Roadway Improvements



## CITY OF GRAND JUNCTION ON-CALL GEOTECHNICAL SERVICES

Ken Haley, PE, Engineering Manager | 303.538.7643 | kennethh@gjcity.org

RockSol is providing on-call geotechnical investigation and materials testing services for the City of Grand Junction. Some of the projects that RockSol has worked on under this contract include:

- Fire Station #8
- 2022 Curb, Gutter, & Sidewalk Replacement
- Juniata Structural Water Tank Foundation
- 24 Road Multi-Modal Path
- 2022 Waterline Replacement
- 24 Road and G Road Improvements



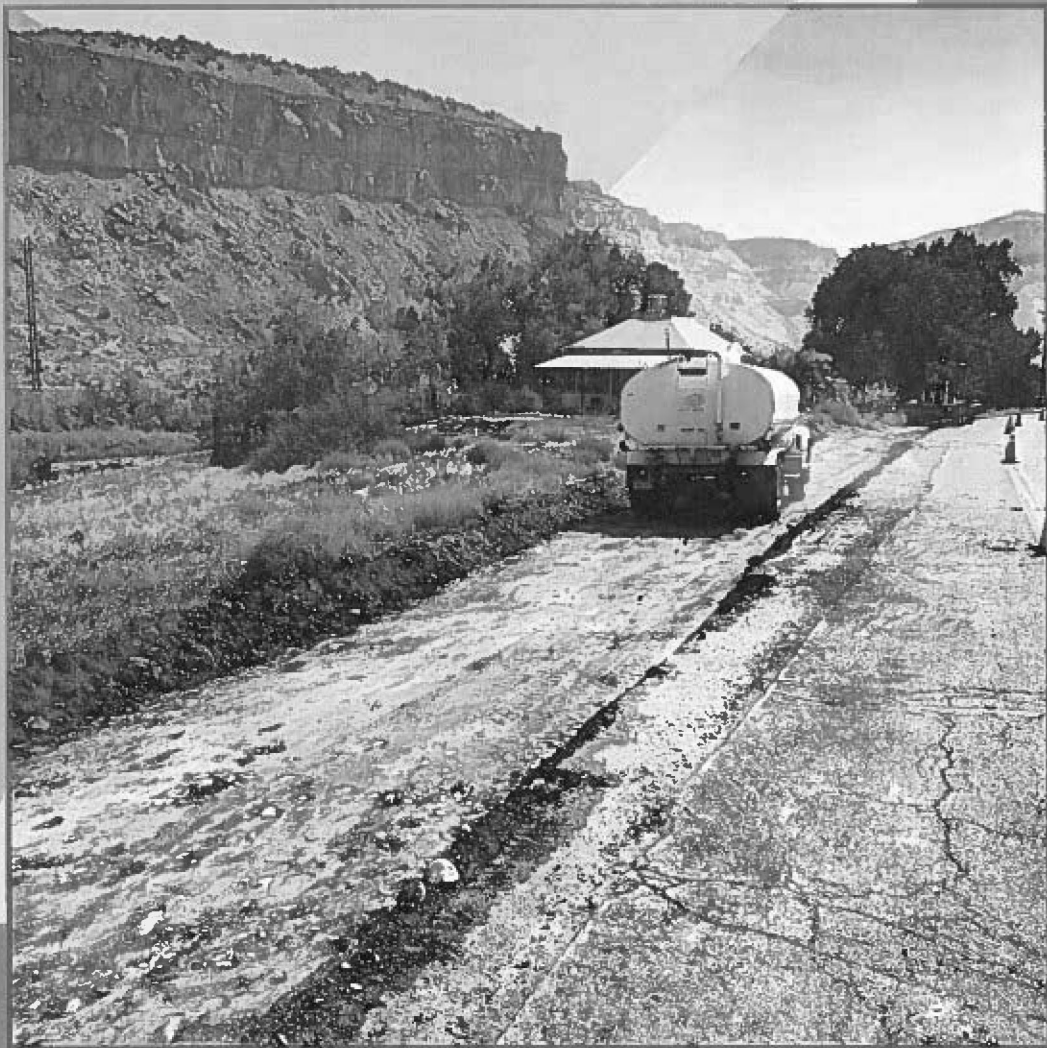
## MESA COUNTY 34-F.9A BRIDGE REPLACEMENT

David Gray, Construction Group Manager  
 970.255.5057 | david.gray@mesacounty.us

This project consists of the demolition and reconstruction of the 34 Road bridge. This bridge (StructureMESA-34-F.9A) is located about 400 feet south of the intersection of 34 Road and G Road and crosses over the Government Highline Canal. Multiple utilities are located in this bridge and will have to be transplanted into the new structure. Road closures will be required for the entire project. RockSol is providing materials testing and special inspection services for this project as a subconsultant to SGM.



# Familiarity with Project and Project Area



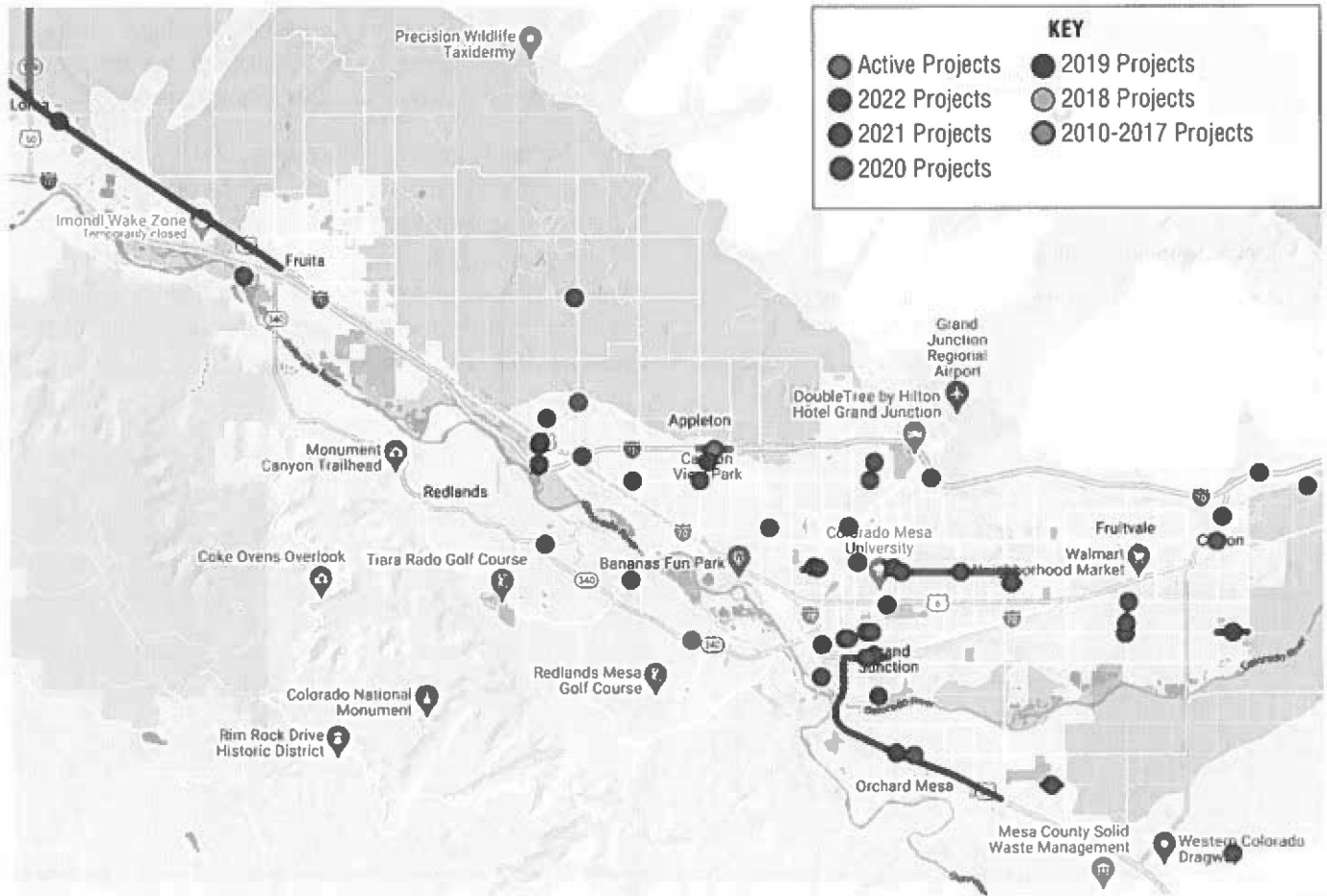
## FAMILIARITY WITH MESA COUNTY

RockSol's Project Manager, Dave Eller, was a regional director and program manager with CDOT in Region 3. He currently manages RockSol's on-call contracts with Mesa County and the City of Grand Junction among many other projects.

Furthermore, RockSol has completed numerous quality assurance material testing on-call and project specific

contracts throughout Colorado, including in Mesa County and the surrounding area, demonstrating our understanding of the project area, including local construction standards, specifications, and management practices. RockSol understands the requirements of an on-call contract, and are fully capable to provide Mesa County with superior responsiveness, quality, and capacity.

The map below indicates a sampling of those projects completed over the years.



## FAMILIARITY WITH POTENTIAL PROJECTS

RockSol continuously tracks Mesa County Capital Improvement Projects to assure we have a good understanding of projects planned for future construction. We monitor the Capital Improvement Plan, excerpt shown below, as well as the online Mesa County Bid Schedule to see what Construction Projects are being advertised. The Capital Improvement Plan is a good reference for planning, however we recognize that project delivery can accelerate or delay and for this reason we also regularly check in with the Mesa County Construction Project Manager to understand what is on the horizon for Mesa County Transportation Projects to best plan for upcoming workload and testing staffing needs. For example, we currently see two construction projects announced for bid in January, 2023:

- Mesa County Landfill Access Road
- 19.88 – G.26 Structure Replacement Project.

Our PM Dave Eller has already downloaded the Engineering Plans, Specifications and associated documents in anticipation that these projects may need QA testing support services. This proactive planning for upcoming projects helps ensure we always have availability for QA testing so that we can respond to Mesa County on a moment's notice.

RockSol takes pride in understanding the differences in how projects may be funded and what unique standards, specifications, and testing frequencies may apply depending on the situation. Our testers and inspectors understand the nuances between Mesa County, the City of Grand Junction, CDOT, and federally funded projects.

We understand the complexity of the Local Agency oversight and documentation that may be required if any of these projects receive other federal or state funding. We also recognize that when these projects are funded wholly with local funds the documentation follows Mesa County standards. RockSol can provide the required quality assurance that is appropriate for situation.

### Project Expense Detail

		2021 Adopted Budget	2021 Budget Adjustments	Total 2021 Budget	2022 Projected Expenditures	2023 Projected Expenditures	2024 Projected Expenditures	2025 Projected Expenditures	2026 Projected Expenditures	2027 Projected Expenditures
<b>Transportation - System Improvements</b>										
Subtotal: Salaries & benefits		1,589,470.00		1,589,470.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00	1,500,000.00
Project C#	Project Name									
1	0 Colbran Bridge (DOLA)									
2	3036 Joint Municipal Projects	75,000.00		75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00
3	3037 Rural Road Safety	500,000.00	295,742.40	795,742.40	750,000.00	750,000.00	1,000,000.00	925,000.00	925,000.00	925,000.00
4	3039 Intersection Improvements	700,000.00	135,888.67	835,888.67	400,000.00	500,000.00	500,000.00	550,000.00	550,000.00	600,000.00
5	3040 Traffic Safety	200,000.00	215.68	200,215.68	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00	200,000.00
6	3041 Bike & Pedestrian Improvements	500,000.00	102,853.91	602,853.91	600,000.00	750,000.00	750,000.00	800,000.00	800,000.00	850,000.00
7	3043 Overlay Program	2,333,000.00		2,333,000.00	2,300,000.00	2,363,000.00	2,363,000.00	2,163,000.00	2,363,000.00	2,363,000.00
8	3044 Concrete Repair & Maintenance	100,000.00		100,000.00	100,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00
9	3045 29 Road Interchange	1,500,000.00	82,929.54	1,582,929.54	1,400,000.00		3,000,000.00	5,000,000.00		
10	3047 Clifton Community Plan Implementation Allocation to	750,000.00		750,000.00	500,000.00	750,000.00	1,500,000.00	2,000,000.00	750,000.00	750,000.00
11	3048 Whitewater Community Plan Allocation to implement gc	200,000.00	47,362.32	247,362.32	200,000.00	750,000.00	750,000.00	750,000.00	750,000.00	750,000.00
12	3054 Minor Structures Bridges Repair or maintenance of str	550,000.00		550,000.00	550,000.00	550,000.00	550,000.00	600,000.00	600,000.00	600,000.00
13	3056 Storm Water Capital Plan Mesa County has recently bec	1,000,000.00	531,001.45	1,531,001.45	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
14	3063 Contract Bridge Services This is a program to refurbish	150,000.00		150,000.00	100,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00
15	3076 E Road		4,695,259.59	4,695,259.59	1,000,000.00	2,200,000.00				
16	3077 Loma/Mack Community Plan Study on the Mack sewer l	500,000.00		500,000.00	1,000,000.00	2,000,000.00				
17	3084 GPS	135,000.00		135,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00
18	3096 Gateway Community Plan Allocation to implement goal	25,000.00	6,739.74	31,739.74	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
19	3107 22 Road - I to J (DOLA)	1,800,000.00	16,564.23	1,836,564.23						
20	3123 Colbran Landslide									
21	3125 64.6 Vega Road (DOLA)									
22	3129 18 Road FLAP	500,000.00		500,000.00	500,000.00	500,000.00				
23	3130 North River Road - & Hwy 6 Intersection	1,600,000.00	37,286.18	1,637,286.18						
24	3131 MESA 34-F.9A (Federal Grant)	2,200,000.00	16,611.50	2,216,611.50						
25	3134 MESA 22 J.9									
26	Future DOLA Projects	250,000.00		250,000.00	250,000.00	250,000.00	250,000.00	250,000.00	250,000.00	250,000.00
27	3139 Buzzard Creek (DOLA)									
28	3140 58.6 Road (Kimball) DOLA									
29	3141 MESA 16 Q.5									
30	3142 Orchard Ave	500,000.00		500,000.00	2,000,000.00					
31	3143 18.5 K99A Bridge		1,313,196.35	1,313,196.35						
32	3144 MESA G.8-39.1	1,500,000.00	103,272.35	1,603,272.35						
33	MESA G.34.1									
34	3145 F.5-170B		326,473.99	326,473.99						
35	3146 Palisade Plunge	1,000,000.00	7,686.65	1,007,686.65						
36	3147 Cameo Roadway Improvements	1,500,000.00	102,344.76	1,602,344.76						
37	Future Bridge							500,000.00	1,000,000.00	
38	3148 MESA 58-M.6 (DOLA?)	2,300,000.00	355,524.74	2,655,524.74		500,000.00	1,000,000.00			
39	MESA 25-J.00				250,000.00	1,000,000.00				
40	MESA 35-F.01				250,000.00	1,000,000.00				
41	MESA J-23.1A						500,000.00	1,000,000.00		
42	MESA G.5-25.6						500,000.00	1,000,000.00		

# Project Approach



## QUALITY ASSURANCE MATERIALS TESTING

Our approach to construction inspection and quality assurance materials testing is designed to ensure Mesa County's needs are always met. Assigned staff members are always fully committed to their project assignment. RockSol follows a basic 3-step path to guarantee success for all of our construction management projects.

### 1. Reviewing Plans and Specifications

The RockSol team understands the importance of reviewing plans prior to beginning various operations to garner a thorough knowledge of the upcoming work. This review also helps to identify where key challenges may occur, preventing critical issues from developing into major problems.

### 2. Coordinating with County Staff and Stakeholders

After the initial review, our team will meet with the Mesa County project manager to coordinate and schedule the required work. Our ultimate goal is to serve as an extension of the County, and, if requested, we can facilitate coordination with other County staff members, including the traffic, engineering, and environmental disciplines. This potential facilitation includes meeting with County staff to resolve any problems or questions resulting from the review of the project plans and establishing expectations to ensure all County department voices are heard. We also have extensive experience meeting with stakeholders, including other affected municipalities, utilities, adjacent businesses, and residents, to ensure project communication is disseminated in the most effective way possible.

**“Every RockSol employee was respectful, courteous, knowledgeable and professional in their work. They take pride in working on behalf of the owner and it shows. Their staff takes personal responsibility for the project and goes above and beyond to make it a success, while enjoying the work. RockSol saved significant costs and time for the project by identifying plan errors along with possible corrective actions early enough to make minor adjustments instead of after mistakes were constructed.”**

Justin Pipe, CDOT Region 4 Project Engineer

**“The entire RockSol team went above and beyond to provide information and document the work in a timely and skilled manner and helped the whole team with a contractor that pushed production to an extremely fast pace. The project was completed ahead of schedule and under budget.”**

Grant Anderson, CDOT Region 3 Resident Engineer

### 3. Participating in Preconstruction Activities and Attend Progress Meetings

Our assigned testing staff members will attend the preconstruction, pre-paving, and all other pre-work meetings along with progress meetings and any other key meetings. We understand that Mesa County businesses and residents require a high level of transparency regarding transportation and utilities projects and are prepared to provide superb public outreach, as we have done on past projects.

Most importantly, RockSol is committed to maintaining continuity on each project by keeping the same personnel and the same testing equipment on the job from start to final acceptance. Utilizing the same equipment throughout the entire job ensures consistency in test results from start to finish. Maintaining consistency in staff develops long-term relationships with the Mesa County staff and contractors, allowing enhanced project coordination and continuity.

All of our materials testers have extensive experience with a wide range of transportation projects. Our personnel are highly familiar with a variety of agency processes, procedures, and requirements, and will work to ensure conformity with plans and specifications for all construction elements. Our testing personnel have served on numerous projects and their materials books have been audited by CDOT and FHWA, earning commendations for their accuracy and thoroughness.

Our Lab Supervisor, Dalton Hamer, will conduct final reviews of materials books on projects to ensure that all work meets Mesa County standards. He will not be assigned to any out of town projects and will always be available to fill in at a moments notice if needed.

**Below are the typical steps taken for development of an On-Call Workplan for testing. This is a process that RockSol has used successfully on past projects, but we understand that Mesa County's policies and procedures take precedence, and we will follow whatever process is used by the County.**

- Mesa County contacts RockSol with a request for services on an upcoming project
- The PM will review the Plans, Specifications, and Summary of Approximate Quantities to familiarize himself with the scope of work needed
- **Dave will develop a testing and inspection schedule and frequency based on the project quantities.** This will typically follow the MCSSP or the CDOT Field Materials Manual if necessary for random sampling.
- The PM will complete the testing schedule in a format similar to CDOT Form 250 or equivalent as directed. All testing will be in accordance with CDOT, ASTM and AASHTO standards.
- The PM will develop a Scope of Work and a draft cost work sheet with expected time commitments to meet the testing frequency and provide that to Mesa County for review and acceptance.
- A Lead Tester will be assigned to the project to complete the tasks assigned. Our tester will attend all requested meetings such as project pre-construction meetings, daily or weekly project briefings, safety meetings, etc.
- The assigned Lead Tester will provide all forms, summary sheets, source documentation, project diaries and test results daily, as well as all hourly timesheets weekly to the project engineer.
- Project personnel will report any materials found to be out of compliance with the specifications in person immediately and will follow up with a test report by email distribution the Project Engineer and Contractor within 12 hours of the failing test.
- If the project is CDOT or FHWA funded, with associated oversight, the tester will schedule and document all required Independent Assurance Tests for projects in accordance with Form 379.
- If the project is CDOT or FHWA funded, all required certificates of compliance (COCs), certified test reports (CTRs), approved products listings (APLs), and pre-inspection items will be documented in the project materials books before the item is paid on the monthly estimates.
- All testing documentation will be summarized and provided in accordance with AASHTO, or if applicable, Mesa County standards and procedures. Typically, testing and inspection reports are provided daily for acceptance purposes, but all final project documentation will be categorized and provided in a summary format when requested and kept up to date and available for review at any time during the project.
- Our Lab Supervisor, Dalton Hamer, will check in with field testers on a weekly basis to ensure that the testing schedule is being met and documentation is correct. He will check in with the Mesa County PM on a regular basis to keep up to date on project status and schedule.
- Project documentation is completed and electronically submitted to the County PM, Inspector, and Contractor on a daily basis. If a project has CDOT oversight, documentation will be completed in accordance with their standards and will include a final stamp and seal from Dave Eller, PE.

## PROJECT CONTROLS

RockSol believes that project success begins with having excellent controls in place to manage schedules, costs, and quality. Over the years, our team has developed tools and methods to ensure seamless delivery of our projects.

### Schedule Management

**Project Schedule** | Meeting and exceeding project schedules is paramount to delivering a successful project. Dave will put together a testing schedule based on MCSSP and CDOT standards, ensuring milestones are met and tasks are delivered on time. For small projects and short

notice requests we will fall back on our general fee schedule. We will work to deliver tasks ahead of schedule whenever possible. Dave will assign the appropriate people to each task - there will be a lead tester assigned to each project who will check in regularly with the County PM and project inspector

**Personnel Resources** | The combined resources of the RockSol team allow us to assign sufficient staff to meet the project schedule. Dave will work closely with Mesa County to accommodate changing project developments. Our staff is flexible and able to adapt to shifting schedules, especially in order to meet accelerated design time frames.

### Cost Control Management

**Budget Management** | RockSol is committed to providing clients with superior quality projects—under budget and on schedule—through the use of effective communication of costs spent to date. We work closely with our clients early in the scoping process to develop a budget that reflects a clear understanding of the project.

**Controlling Consultant Costs** | Dave is adept at tracking and controlling costs on transportation projects, and he is dedicated to ensuring all RockSol costs are justified. Our Project Management System is designed to track individual task orders. Each month, invoices and progress reports will be provided to the County's project manager. RockSol has extensive experience with CDOT and federally funded projects and the documentation they require. If requested, we can also provide a Cost Projection Worksheet, as we have on other projects. A sample of this is shown below, taken from the 22-J.9 Road project.

In the case of on-call type contracts, there may be several projects being simultaneously managed. At times, these projects will carry over into the next fiscal year prior to final completion. RockSol understands the importance to the County to be able track both the project budget and the total yearly contract expenditures. For these on-call contract invoices, RockSol provides a summary of project expenditures beginning with contract start through completion of the contract. Shown on the next page is a copy of this part of our invoice for our current Mesa County on-call contract.

### Quality Controls

**Quality Management System (QMS)** | RockSol utilizes a comprehensive QMS to ensure that our services meet or exceed client expectations and that our work is completed correctly the first time. To ensure work is performed in a cost-effective, documented, and controlled manner, the QMS incorporates our Quality Assurance/Quality Control (QA/QC) program with a focused look at customer satisfaction, planning, and integration into our work processes.

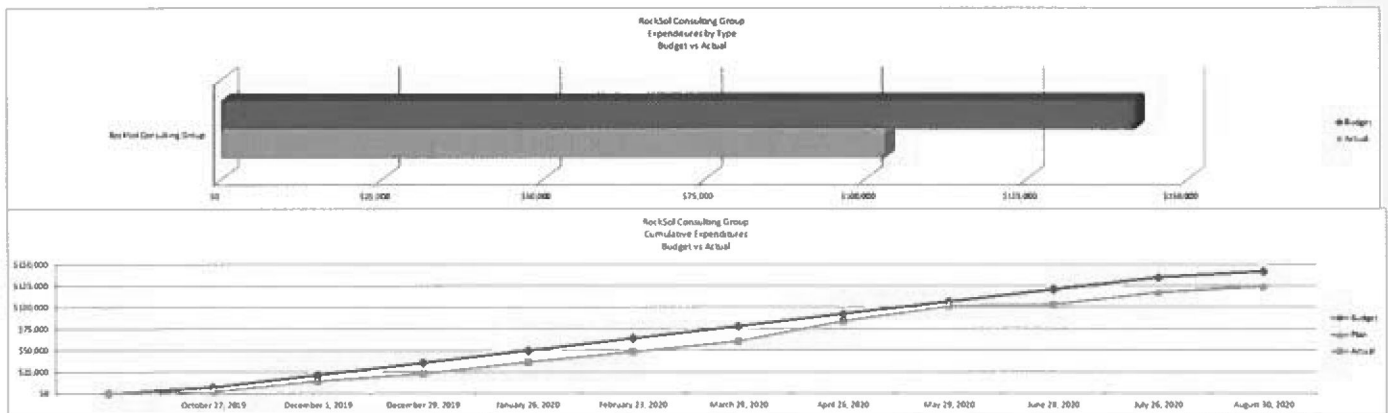
We provide a detailed synopsis of our Quality Management System as it pertains to our Materials Testing services in the Quality Assurance section of our proposal.

### LESSONS LEARNED FROM PREVIOUS ON-CALL CONTRACTS

Regular communication with the County Inspector and Contractor regarding work schedule and anticipated testing is critical. It is our experience that the Mesa County Inspector is often assigned to multiple projects. For this reason it is critical that our Lead Tester is proactive in understanding what stage of construction the project is in, and maintaining regular communication with the Inspector to determine testing needs. RockSol testers are part of the County Team, and as such understand that they do not always wait to be called, but rather keep in regular contact with the project team.

RockSol Consulting Group - Construction Management, Construction Inspection, and Materials Testing Services  
22-J.9 Bridge Replacement Project  
Updated as of 8/31/2020

Name	Budget	2019										2020					Total to Date thru 6/26/20	Variance %	% Complete
		October 27	December 1	December 29	January 26	February 23	March 29	April 26	May 29	June 28	July 26	August 30							
RockSol Consulting Group	\$ 141,739	Original Budget	\$ 7,087	\$ 14,174	\$ 14,174	\$ 14,174	\$ 14,174	\$ 14,174	\$ 14,174	\$ 14,174	\$ 14,174	\$ 14,174	\$ 14,174	\$ 14,174	\$ 14,174	\$ 7,087	\$ 120,478	14.49%	72.68%
	Actual Charges	\$ 7,506	\$ 11,720	\$ 8,217	\$ 13,092	\$ 13,291	\$ 12,460	\$ 23,291	\$ 17,215	\$ 1,993	\$ 14,174	\$ 1,987	\$ 103,016						



### Cost Projection Worksheet - 22-J.9 Road



## 2023 On-Call Quality Assurance Testing Services

Project Names	Previously Billed	Current Invoice	Total Billed
SH 340 Auxiliary Left Turn Lane at Colossal Drive	\$ 10,823.46	\$ -	10,823.46
Mesa County Overlay Program	2,933.00	-	2,933.00
Mesa County I-70 B and F 5 Intersection	42,818.60	-	42,818.60
Mesa County Orchard Avenue Utility Repairs	1,760.25	-	1,760.25
Mesa County Buzzard Creek	496.83	-	496.83
Mesa County E Road Phase 2A	31,330.66	-	31,330.66
Mesa County Shady Lane Road Improvements	1,175.73	-	1,175.73
Mesa County Gateway W/WTF Improvements	7,405.00	-	7,405.00
Mesa County 18 S-K 99 Bridge Replacement	11,252.99	-	11,252.99
Mesa County 2021 Overlay Program District B	17,273.31	-	17,273.31
Mesa County North River Road Shoulder Improvements	10,876.53	-	10,876.53
Mesa County 22 Road, I to J Roadway Project	15,676.65	-	15,676.65
Mesa County SH 141 Springfield Intersection Project	12,720.55	-	12,720.55
Mesa County Long Park Improvements	9,925.07	-	9,925.07
Mesa County G 8-39 I Bridge Rehabilitation Project	4,896.52	-	4,896.52
Mesa County Cameo Roadway Improvement Project	12,987.68	-	12,987.68
Mesa County 38 Road Repairs	3,921.24	-	3,921.24
Mesa County 58-ML6 Bridge Replacement Project	32,955.87	324.25	33,279.82
Mesa County South Broadway Shoulder Widening Project	2,556.38	-	2,556.38
Mesa County South Camp Widening Improvements Project	8,817.51	-	8,817.51
Mesa County 2022 Overlay Program	15,241.50	-	15,241.50
Bosley Wash Concrete Pavement Cleanout Pad	1,706.75	-	1,706.75
	<b>Billed To Date</b>	\$	<b>259,876.03</b>
	<b>Total Contract Amount</b>	\$	<b>300,000.00</b>
	<b>Less Billed to Date</b>		<b>(259,876.03)</b>
	<b>Remaining Balance</b>	\$	<b>40,123.97</b>

**“The RockSol office staff provided accurate billing information the first time every time. Open communication and coordination with the CDOT project management throughout the contract was also impeccable and greatly appreciated.”**

Roger Lau, CDOT Region 1 Project Engineer

## Project Expenditure Summary - Mesa County On-Call

### AVAILABLE TESTING EQUIPMENT

RockSol has displayed a proven ability to provide project deliverables in a format consistent with any client's requirements. Our team is thoroughly familiar with a range of standards and practices.

Our personnel are always supplied with the equipment necessary to perform their project duties. Our materials testing technicians will be furnished with full sets of

concrete, asphalt, and soils field equipment, including moisture density and asphalt content gauges. In addition, RockSol maintains a stock of supplies dedicated to testing projects (e.g., forms, manuals, cylinder molds, sample containers and emergency replacement equipment) for testing and inspection functions. Below is a select list of relevant equipment.

#### Complete Soils & Aggregate Testing Equipment

- Proctor Molds and Hammers
- Soil Classification (Atterberg & Gradation)
- Miscellaneous Scoops, Spatulas, Brushes, etc.
- Nuclear Moisture Density Gauge
- Aggregate Sampling & Splitting Equipment
- Chemical Testing

#### Complete Concrete Testing Equipment

- Air Meter
- Slump Cone
- Thermometer
- Cylinder Molds
- Hydraulic Concrete Compression Break Machine
- Miscellaneous Scoops, Spatulas, Brushes, etc.
- Concrete Sampling & Splitting Equipment

#### Complete Asphalt Testing Equipment

- RICE Equipment
- Asphalt Content (Ignition Furnace)
- Temperature (Probe Thermometer & I.R. Gun)
- Asphalt Moisture Content (Forced Draft Oven)
- Asphalt Sampling & Splitting Equipment
- Bulk Specific Gravity Equipment for Core Testing
- Nuclear Moisture Density Gauge
- HMA Volumetric Testing

#### Software & Forms

- Rocksol Forms (As needed per AASHTO)
- CDOT Forms (To be utilized whenever relevant)
- Microsoft Office Suite (Word, Excel, Project)

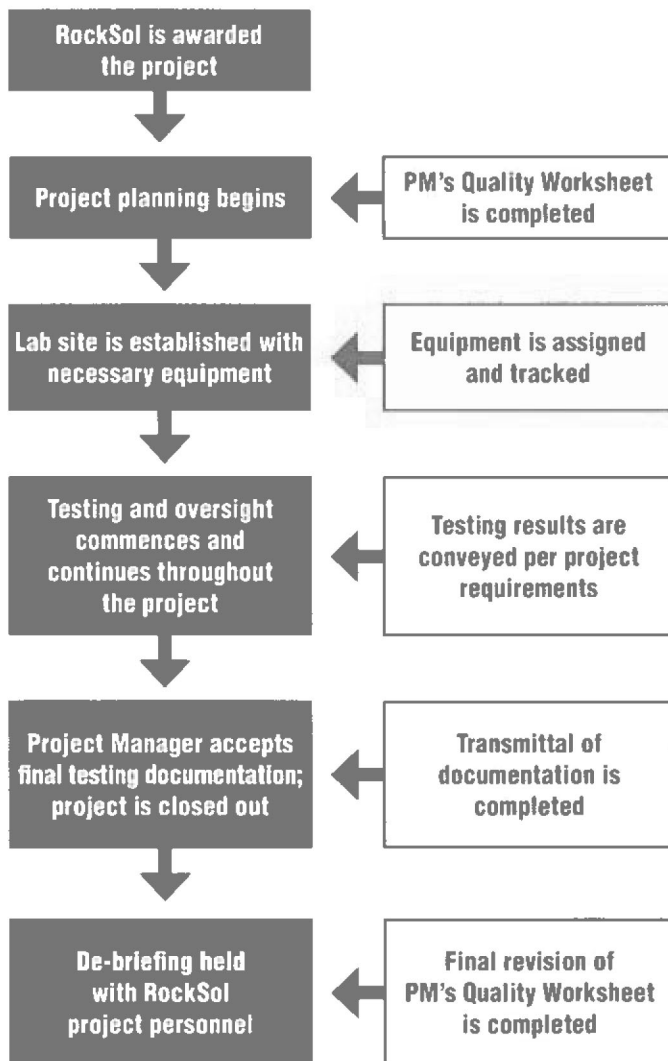
# Quality Assurance Methods



## QUALITY ASSURANCE METHODS

As a quality-conscious organization, RockSol strives to provide the highest quality service to all clients. We are committed to excellence with an emphasis in quality assurance for all services offered to Mesa County. Our reputation is built on our dedication to exceeding our client's expectations.

- We strive to understand each individual project goal, and clearly define the budget, scope, and schedule.
- We staff qualified, experienced individuals who are thoroughly familiar with the specific design elements of the project and the client processes.
- We provide effective project management, including tracking progress against schedule and budget, and responding rapidly to client needs.
- We endeavor to communicate regularly and effectively with clients and staff to control consultant costs.
- We use our Quality Management System to ensure high-quality services that conform to contract specifications



We have earned ISO 9001:2015 certification, demonstrating our commitment to quality.

### Materials Testing Quality Plan Overview

RockSol's Materials Testing Quality Plan (MTQP) describes the processes that RockSol utilizes to ensure quality and client satisfaction on performing Materials Testing services. In addition to these processes, we maintain a Materials Laboratory QMS Manual or "Lab Manual", a separate document incorporated into RockSol's QMS which contains more procedures that apply directly to laboratory operations. We are happy to provide Mesa County with a copy of this document if requested.

### MTQP Process

The Quality Management System Manual, the MTQP and the Lab Manual cover the quality management processes implemented to plan and control the outputs that are prepared by RockSol and meets RockSol's policies for Quality Management as documented in the Quality Management System (QMS) Manual. These documents provide a structure to communicate to the designated staff, management personnel and other interested parties the methodologies, results to be produced, and appropriate resources to be allocated so Materials Testing services can be implemented to provide RockSol clients the assurance that the final delivered results and documents meet contractual requirements and applicable standards for the project.

Our MTQP and the Lab Manual are intended to ensure that Materials Testing services are performed in a specific, systematic manner so consistency of results and a successful project delivery can be achieved.

The MTQP and Lab Manual shall be revised when necessary, to reflect best practices and changes to the pertinent standards.

Project-specific documents and records are filed and controlled as described in the Project Records Management Procedure (QMF14). Records maintained will provide evidence of effective management implementation and assist in improvement efforts. Records shall remain legible, readily identifiable and retrievable. These records may include transmittal records of laboratory test results, training certificates, project plans and specifications, lab result review comments, electronic data, and supporting documentation.

### Staff Responsibilities

Our general Materials Testing organizational structure and responsibilities are outlined on the following page.

The **Project Manager** (Dave Eller) shall be the prime point of contact with the project client and have the responsibility for identifying and communicating project goals and day-to-day technical, financial, scheduling, and quality matters. He shall establish budgets and schedules, control project performance, and prepare or approve resulting invoices.

The **Lab Manager** (Dave Eller) oversees the Laboratory Supervisors and subordinate group of technicians who perform advanced technical work involving the testing of metals, aggregates, cements, soils, petroleum products, and other materials. The Senior Materials Testing Engineer may also be involved in the writing of materials specifications and the devising of new tests and testing apparatus.

The **Laboratory Supervisor** (Dalton Hamer) assists the laboratory manager in leading a group of technicians and performs advanced technical work involving the testing of metals, aggregates, cements, soils, petroleum products, and other materials, and individually performs tests of a highly advanced nature. The Lab Supervisor assigns work to be done and outlines procedures especially where new materials or tests are to be used and for equipment calibration. The Laboratory Supervisor will also be responsible for reviewing the laboratory test results prior to issuing the results to Mesa County.

The **Laboratory / Field Technician** is an employee of the laboratory who is assigned to perform the actual testing operations conducted in the laboratory and/or the field.

### Project Planning

Dave will prepare a Project Manager's Quality Worksheet at the onset of each project. The requirements of the contract, applicable standards, communication methods identified for the project, and any special project requirements should be identified in the Project Manager's Quality Worksheet prior to starting work on the project. This includes submittal frequencies and submittals required to be made to the client. The Project Manager's Quality Worksheet will be reviewed with all team members and the Client prior to starting work on the project, and also with new team members that may be added after the project start. The Project Manager will document this review process.

### Materials Testing Services

Services provided under Materials Testing are laboratory and field testing services on behalf of the Client. Client requirements for project personnel and reporting will be identified in the Scope of Work and shall be followed by RockSol. Performance of actual testing shall be as

prescribed by industry standards and as documented in the Lab Manual. Standards to be used should be clarified prior to the start of the project and verified by the Laboratory Supervisor. In the absence of such Client-specified standards, CDOT's most recent standards shall be used.

### Stages of Construction

There are three primary stages of construction projects in which RockSol may be involved for Materials Testing: 1) Pre-Construction, 2) Construction, and 3) Post-Construction. For projects where RockSol is scoped for laboratory testing services only, the Materials Testing Processes outlined in the MTQP shall be followed. (Note: See the Lab Manual for additional information and specific testing processes.)

#### Pre-Construction

The Pre-Construction stage includes those activities from when RockSol is contracted to the Contractor's Notice to Proceed. Activities that may be performed during Pre-Construction may include, but are not limited to:

- Preparing a scope of work (SOW)/proposal based on the services requested in the Request for Proposal (RFP) or other similar document; (If applicable, discuss project goals with client to gain a better understanding of the project and help with the development of the SOW.)
- Verifying required owner submittals by meeting with Project Manager and relevant County staff
- Reviewing project documents such as plans, specifications, special provisions, reports, and permits
- Identifying all applicable specifications and standards
- Attending any Pre-Construction meeting or conference

#### Construction

The Construction Stage is the time during the construction activities of the project. This is typically the time period from the Contractor's Notice to Proceed through Project

*Note: The Materials Technician on the project site shall keep files/test reports up to date with the project requirements. These documents will be provided to the Laboratory Supervisor and Field Supervisor. The Laboratory Supervisor will review the reports and provide them to the PM for their review.*

Acceptance. Some activities that may be performed during Construction are as follows:

- Reviewing project documents such as plans, specifications, special provisions, reports, and permits
- Preparing daily reports (or daily construction diaries) and documenting the work observed on the project site each day
- Measuring and documenting quantities relating to pay items, in accordance with Client criteria
- Communicating and managing correspondence between RockSol, the Contractor, and the Client
- Completing Materials Testing documents and reports

### **Post Construction**

All project documentation and files will be submitted to the client upon completion of the project. A log of the files transmitted, documented on the RockSol Transmittal Form shall accompany the submittal and a copy of the Transmittal will become a project record.

### **Document Checking and Evaluations**

The Laboratory Supervisor has overall responsibility for the technical operations of the laboratory and reviewing laboratory test results. In addition to reviewing and checking the laboratory test results and equipment calibration documents, the Laboratory Supervisor is responsible for reviewing training records and performing a competency evaluation program on the Field/ Laboratory Technicians.

Field reports, testing documentation, and training certifications of Field Technicians will also be reviewed by the Laboratory Supervisor and then provided to the project PM for their review.

**“... RockSol has always met expectations for testing services on my projects. Dave and The RockSol team have always been responsive, and they are quick to get a tester out to the construction site, even when we give them less than 24 hours notice.”**

Eric Mocho, PE, City of Grand Junction Project Engineer

## **Records**

Many of the records kept in the Materials Testing Labs are those that are described in the Lab Manual that meets accreditation standards for other entities. Pertinent records for materials testing equipment are listed in the QMS Records Matrix.

Project-specific testing records shall be kept following the record control procedure outlined in QMS Procedure Project Records Management.

Materials Testing records shall include the transmittal of test results to be documented on the Transmittal Form.

Other records may include, but should not be limited to:

- Project Contracts
- Scope of Work (SOW)
- Project Cost Worksheet (PCW)/Fee Schedule
- Project coordination documents with client/owner or design team
- Initial and Updated Project Schedule
- Existing Plans and/or reports provided by the client
- Project Data (including laboratory testing and field reports/logs)
- Reports and Report Checks
- Laboratory Calculations and Checks
- Project Final Notebooks
- Nonconformance Reports

*Note: It is standard industry practice to convey test results to the Client directly and not be retained by the testing entity for a prolonged period of time, if any. Many test results are immediately entered into a Client's software with no printed copies. Therefore, a RockSol Record of Transmittal shall be retained for all project testing and filed appropriately.*

# References



## REFERENCES

**Kirsten Armbruster, PE**

**City of Grand Junction, Project Engineer**

**kirstena@gjcity.org**

**970.244.1421**

**Lee Cooper, PE**

**City of Grand Junction, Persigo Wastewater Project Manager**

**leec@gjcity.org**

**970.256.4155**

**Eric Rink, PE**

**City of Grand Junction, Project Engineer**

**ericr@gjcity.org**

**970.244.1585**

**Rob Beck, PE**

**CDOT R3 West Program Engineer**

**rob.beck@state.co.us**

**970.683.6208**

**Kaity Clark, PE**

**CDOT R3, Grand Junction Resident Engineer**

**kaitlyn.clark@state.co.us**

**970.683.6351**

# Forms

