

AGREEMENT FOR
PROFESSIONAL SERVICES
BETWEEN
KLJ ENGINEERING LLC
AND
MESA COUNTY

MM-O-16.1 STRUCTURE REPLACEMENT

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MM-O-16.1 STRUCTURE REPLACEMENT RFP-24-03159-0-16.1

KLJ'S QUALIFICATIONS

AGREEMENT FOR PROFESSIONAL SERVICES

This Agreement for Professional Services ("Agreement") is made by and between **KLJ ENGINEERING, 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 RFP-24-03159-0-16.1. Upon notification to proceed, the Consultant shall promptly commence and diligently continue the work to completion in compliance with RFP-24-03159-0-16.1. The Consultant's services shall be performed by experienced personnel in accordance with customarily accepted 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 in its services 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 negligent 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 **Attachment A ("Schedule of Payment")** and shall submit charges as shown in **Attachment C ("Schedule of Fees")**. 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 RFP-24-03159-0-16.1. 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 below the specified limits. Additionally it shall specifically state on the Commercial General Liability and Auto Liability policies the following: "Mesa County, its officers, officials, employees and volunteers as ADDITIONAL 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 additional 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 to cure 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 RFP-24-03159-0-16.1, related bid documents or proposals and industry or professional standards.

10.6 Neither party shall be considered in default of its obligations if its performance is prevented or delayed by an existing or future force majeure event 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 customarily accepted 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 3rd 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 event 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, 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 Kevin King, 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
Bobbie Daniel, Chair
P.O. Box 20,000
Grand Junction, CO 81502
970-244-1604**

with a copy to:

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

CONSULTANT:

**KLJ Engineering LLC
Marc Kenney, Client Manager
1601 Riverfront Drive, Suite 204
Grand Junction, CO 81501
970-450-7476**

With a copy to:

KLJ Engineering LLC Legal Dept

400 East Broadway Ave., Ste 600

Bismarck, ND 58501

ARTICLE 12 - INCORPORATION OF ATTACHMENT

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

RFP-24-03159-0-16.1

- A - Schedule of Payment
- B - Hourly Rate Schedule
- C - Schedule of Fees
- D - Financial and Exception Statement
- E - Insurance Clarification
- F - Change Order for Professional Services

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

MESA COUNTY

Bobbie Daniel, Chair
Mesa County Board of County Commissioners

Date: _____

Attest:

<name>, Mesa County Clerk and Recorder

CONSULTANT

Signature _____


Name & Title Luke LaLiberty, Associate VP, Municipal

Date April 17, 2024

Attest:

 _____ April 17, 2024

ATTACHMENT A: SCHEDULE OF PAYMENT



The County shall pay the Contractor for services rendered under **RFP-24-03159-0-16.1**, and any Additional Services agreed to in writing according to the following:

- » Labor shall be paid for on an hourly rate basis in accordance with Attachment “B,” Hourly Rate Schedule (dated April 2, 2024) for each hour spent in performing such services.
- » Other Direct Costs (reproduction, travel, miscellaneous, etc.) shall be paid for at 100% of actual costs incurred so long as the costs and rational for the costs are reasonable. The Contractor shall provide copies of all invoices that support these expenditures. Mesa County reserves the right to review the reasonableness of costs submitted for reimbursement at anytime.
- » Outside services (services provided by independent professional associates and consultants of the Contractor) shall be paid for at a maximum of a 105% of actual costs incurred.

The total cost for services (Attachment “C,” Schedule of Fees) required to fully complete the work as described in **RFP-24-03159-0-16.1**, shall not exceed **\$108,477.90** unless mutually agreed to in writing by both parties.

Submitted By:

KLJ Engineering LLC

1601 Riverfront Drive, Suite 204

Grand Junction, CO 81501-3829

ATTACHMENT B: HOURLY RATE SCHEDULES



Name of Firm: KLJ Engineering LLC

Address: 1601 Riverfront Drive, Suite 204, Grand Junction, CO 81501-3829

Phone: 970-450-7476

| KLJ STAFF TYPE | 2024 Hourly Rates |
|---------------------------|-------------------|
| Archaeologist Technician | \$89 |
| Archaeologist II | \$108 |
| Archaeologist III | \$127 |
| Archaeologist IV | \$166 |
| Environmental Technician | \$97 |
| Environmental Planner I | \$97 |
| Environmental Planner II | \$104 |
| Environmental Planner III | \$149 |
| Environmental Planner IV | \$197 |
| Paleontologist | \$133 |
| Paleontologist Technician | \$89 |
| Engineer in Training I | \$114 |
| Engineer in Training II | \$130 |
| Associate Engineer | \$140 |
| Engineer | \$179 |
| Senior Engineer | \$238 |
| Principal Engineer | \$287 |
| Associate Planner | \$101 |
| Planner | \$146 |
| Senior Planner | \$178 |
| Principal Planner | \$205 |

| KLJ STAFF TYPE | 2024 Hourly Rates |
|------------------------------------|-------------------|
| Associate Designer | \$114 |
| Designer | \$133 |
| Senior Designer | \$186 |
| Associate Project Manager | \$193 |
| Project Manager | \$234 |
| Senior Project Manager | \$288 |
| Government Relations Specialist I | \$130 |
| Government Relations Specialist II | \$134 |
| Contract Administrator | \$116 |
| CAD Technician I | \$93 |
| CAD Technician II | \$104 |
| CAD Technician III | \$127 |
| GIS Technician | \$78 |
| GIS Analyst I | \$101 |
| GIS Analyst II | \$114 |
| GIS Analyst III | \$133 |
| GIS Analyst IV | \$166 |
| Engineering Technician I | \$82 |
| Engineering Technician II | \$101 |
| Engineering Technician III | \$130 |
| Engineering Technician IV | \$167 |

| KLJ STAFF TYPE | 2024 Hourly Rates |
|---------------------------------------|-------------------|
| Associate ROW | \$96 |
| ROW Agent | \$137 |
| ROW Professional | \$149 |
| Senior ROW Professional | \$178 |
| Survey Technician | \$89 |
| Crew Chief | \$108 |
| Senior Crew Chief | \$130 |
| Land Surveyor in Training | \$85 |
| Professional Land Surveyor | \$159 |
| Principal Land Surveyor | \$215 |
| 1 Person Survey Crew | \$193 |
| 2 Person Survey Crew | \$293 |
| Project Controls Specialist I | \$104 |
| Project Controls Specialist II | \$197 |
| Project Assistant I | \$74 |
| Project Assistant II | \$101 |
| Sr Public Engagement Strategist | \$150 |
| Public Engagement/Gov't Relations Mgr | \$212 |

Time and Half for Overtime Included in Hourly Rate

Rates to be Renegotiated after January 1 of Each Calendar Year

| REIMBURSABLE EXPENSES (IF APPLICABLE) | | | |
|---------------------------------------|-------------------------|----------------------------------|-----------------------|
| ATV, UTV, Snowmobile | Included in Hourly Rate | Special Equipment/Software | Per Project Basis |
| Survey Equipment | Included in Hourly Rate | Subsistence (Per Diem) – Lodging | Actual Cost |
| CAD and GIS Work Station | Included in Hourly Rate | Subsistence (Per Diem) – Meals | \$45/Day Per Employee |
| Postage and Routing Printing Cost | Included in Hourly Rate | Misc. Project Related Expenses | Cost plus 15% |
| Mileage | Included in Hourly Rate | Subcontracts | Cost plus 15% |

*Confidential
Proprietary
Information*

Submitted By: KLJ Engineering LLC; 1601 Riverfront Drive, Suite 204, Grand Junction, CO 81501-3829

| TASK | Senior Project Manage | Project Manager | Engineer | Engineer in Training I | Engineer | Engineer | CAD Technician II | Project Assistant I | Direct Labor Subtotal | Subconsultant Fee | Task Total |
|---|-----------------------|-----------------|--------------|------------------------|---------------|---------------|-------------------|---------------------|-----------------------------------|--------------------|---------------------|
| | Marc Kenney | Rebecca Atkins | Jon Martinez | Rebekah Schaumann | Wade Thompson | Jordan Gerber | TBD | TBD | | | |
| | \$288.00 | \$234.00 | \$179.00 | \$114.00 | \$179.00 | \$179.00 | \$108.00 | \$74.00 | | | |
| PROJECT MANAGEMENT | | | | | | | | | | | |
| Project Management and Coordination | 2 | 10 | 10 | | | 2 | | 10 | \$5,804.00 | | \$5,804.00 |
| Schedule Tracking | | 3 | | | | | | | \$702.00 | | \$702.00 |
| Subtotal | 2 | 13 | 10 | | | 2 | | 10 | \$6,506.00 | | \$6,506.00 |
| DATA COLLECTION | | | | | | | | | | | |
| Pre-survey Conference | | 2 | 2 | | | | | | \$826.00 | | \$826.00 |
| Right of Entry | | 1 | | | | | | 3 | \$456.00 | | \$456.00 |
| Field Visit | | | 2 | 2 | | | | | \$586.00 | | \$586.00 |
| Field Tasks Coordination | | 8 | | | | | | | \$1,872.00 | | \$1,872.00 |
| Base Map | | | 4 | 8 | | | | | \$1,628.00 | | \$1,628.00 |
| Subtotal | | 11 | 8 | 10 | | | | 3 | \$5,368.00 | | \$5,368.00 |
| DESIGN AND MEETINGS | | | | | | | | | | | |
| Horizontal Elements (road + box + removals) | | | 8 | 16 | | | | | \$3,256.00 | | \$3,256.00 |
| Vertical/Grading | | | 24 | 40 | | | | | \$8,856.00 | | \$8,856.00 |
| Structural (Box and Walls) | | 2 | | | | 40 | | | \$7,628.00 | | \$7,628.00 |
| ROW and Easement Figures + Acquisition Support (only required for three properties) | 2 | | 3 | 9 | | | 24 | | \$4,731.00 | | \$4,731.00 |
| Utility Conflict Resolution/Relocation | | 2 | 8 | 24 | | | | | \$4,636.00 | | \$4,636.00 |
| Deliverables and Construction Package (Plans, Specials, Quantities) | | 8 | 40 | 80 | | | | | \$18,152.00 | | \$18,152.00 |
| 90% Review Meeting | 1 | 3 | 1 | | | | | | \$1,169.00 | | \$1,169.00 |
| Quality Assurance | 8 | 8 | 8 | | 4 | | | | \$6,324.00 | | \$6,324.00 |
| Property Owner Coordination/Meetings | | | 12 | | | | | | \$2,808.00 | | \$2,808.00 |
| Project Meetings (agendas, meetings, minutes) | | | 40 | | | | | | \$9,360.00 | | \$9,360.00 |
| Utility Coordination and Meetings | | | 12 | | | | | | \$2,808.00 | | \$2,808.00 |
| Subtotal | 11 | 87 | 92 | 169 | 4 | 40 | 24 | | \$69,728.00 | | \$69,728.00 |
| CONSTRUCTION PHASE SUPPORT | | | | | | | | | | | |
| Construction Meetings (five meetings) | | 5 | | | | | | | \$1,170.00 | | \$1,170.00 |
| Construction Observation | | | 8 | 20 | | | | | \$3,712.00 | | \$3,712.00 |
| Shop Drawing Review/Approval (since MC is self performing, assume five submittals) | | 1 | 2 | 10 | | | | | \$1,732.00 | | \$1,732.00 |
| Technical Assistance | | 4 | 4 | 10 | | | | | \$2,792.00 | | \$2,792.00 |
| Subtotal | | 10 | 14 | 40 | | | | | \$9,406.00 | | \$9,406.00 |
| SUBCONSULTANTS | | | | | | | | | | | |
| Geotechnical (HBET) | | | | | | | | | | \$4,725.00 | \$4,725.00 |
| Survey (Wasatch) | | | | | | | | | | \$9,765.00 | \$9,765.00 |
| Utilities (RECONN) | | | | | | | | | | \$2,979.90 | \$2,979.90 |
| Subtotal | | | | | | | | | | \$17,469.90 | \$17,469.90 |
| TOTAL | 13 | 121 | 124 | 219 | 4 | 42 | 24 | 13 | 560 Hours; \$91,008.00 | \$17,469.90 | \$108,477.90 |



2024
FEE SCHEDULE
SPECIAL INSPECTIONS AND/OR CONSTRUCTION MATERIALS TESTING

The fees listed are based upon Certified ICC Special Inspectors as well as Soils, Asphalt and Concrete Certified Technicians. HBET pride themselves in providing certified, qualified and experienced Inspectors, Technicians and Engineers at a reasonable fee. HBET provides additional services upon request. A 24 to 48 hour advance notice for scheduling is requested, more advanced notice may guarantee the requested time. Non-Standard hours are applied to any and all work performed during night work (6:00 p.m. to 6:00 a.m.), weekends, workday exceeding 8 hours including drive time, and holidays. Non-Standard hours will be billed at time and a half, with the exception of holiday time being billed at double time.

| | | |
|-------------------------------------|--|-------------------|
| Technician I | (soils, non-structural concrete, & sample preparation) | \$ 80.00 |
| Technician II | (asphalt, coring & sample preparation) | \$ 90.00 |
| Inspector I | (structural soils & concrete, reinforcing, masonry, deep foundations) | \$120.00 |
| Inspector II | (structural steel, wood framing & fire proofing) | \$ 130.00 |
| Plotting/Drafting Technician | | \$ 100.00 |
| Laboratory Supervisor | | \$ 150.00 |
| Staff Engineer | | \$ 140.00 |
| Project Manager | | \$ 160.00 |
| Senior Manager/Engineer | | \$ 210.00 |
| Overtime | (Over 8 Hours per day, Nights, & Weekends) | 1.5 x Rate |
| Overtime | (Holidays) | 2 x Rate |
| Trip Charge | (Grand Valley) | \$ 25.00 |
| Trip Charge | (Outside Grand Valley @ per mile) | \$ 0.88 |

LABORATORY TESTING

SOILS

| | |
|--|-----------|
| Atterberg limits | \$ 105.00 |
| Sieve Analysis | \$ 105.00 |
| *Split Analysis with Oversized Particles | \$ 210.00 |
| Hydrometer | \$ 225.00 |
| Swell/Consolidation | \$ 90.00 |
| Soluble Sulfates | \$ 50.00 |
| Standard Proctor (ASTM D698 or AASHTO T99) | \$ 175.00 |
| Modified Proctor (ASTM D1557 or AASHTO T180) | \$ 195.00 |
| California Bearing Ratio (CBR) | \$ 300.00 |

ASPHALT

| | |
|--------------------------------------|-----------|
| Maximum Theoretical Specific Gravity | \$ 210.00 |
| Bulk Density (Set of 3) | \$ 105.00 |
| Ignition AC | \$ 225.00 |
| Gradation of Extracted Aggregate | \$ 160.00 |
| Gyratory Compaction | \$ 390.00 |
| ***Drilled Cores per core | \$ 65.00 |

COMPRESSIVE STRENGTH

| | |
|--------------------------------|-----------|
| f'c, Cylinders | \$ 35.00 |
| ***f'c, Drilled Cores per Core | \$ 80.00 |
| f'c, Grout | \$ 85.00 |
| f'c, Mortar | \$ 35.00 |
| f'c, CMU (grouted) | \$ 175.00 |
| Flexural Strength of Beams | \$ 100.00 |
| Shotcrete | \$ 90.00 |

FIREPROOFING

| | |
|-----------|----------|
| Density | \$ 95.00 |
| Bond Test | \$ 95.00 |

Additional testing services available upon request.

| | |
|--|-----------|
| Sub-consultant Services/Special Testing | Cost +20% |
| Out of town living expenses, commercial travel costs, equipment rental, freight, etc | Cost +20% |

REMARKS

Staff rates include nuclear gauge field equipment and are charged portal to portal. Minimum 2 hour trip charge per day for field engineer, inspector or technician may be applied.

Proposals for specific projects available upon request.

*Subject to lab sample preparation

**Includes coring equipment and materials for capping – Set of 4

***Coring Equipment Fee – Half Day (0 to 4 hours) - \$250.00, Full Day (4 to 8 hours) - \$500.00, 8+ hours Full day plus \$100.00 each hour

Project Estimate and Work Unit Tracking Report



| | | |
|--------------------|--|------------------------------|
| Project Address | Rate Sheet | Date Estimated |
| City/State | | County |
| Project Lead Name | Marc Kenny | PE Stamp Require Yes |
| Email | marc.kenney@kjieng.com | PH# 970-783-0560 |
| Contractor | RECONN | |
| Lead Name | Ben Perez | PH# 970-420-8819 |
| Project length Ft. | Ft | Estimate Completion Date TBD |

Itemized bid cost estimate vs actual billing

| | Estimate | | As invoiced by RECONN | | |
|---|-----------------|----------|-------------------------|----------|-------|
| | Estimating Tool | | Actual invoiced billing | | |
| | Units | Est | Current | Previous | Total |
| Map and Data (Per Area) | 1 | \$ 250 | | | |
| Project Coordination | 1 | \$ 875 | | | |
| Traffic Control (Designating) - Daily | 1 | \$ 1,800 | | | |
| Traffic Control (Vac Ex) - Daily | 1 | \$ 1,800 | | | |
| Permits (pass through actual cost) | 1 | \$ 100 | | | |
| Supplemental Data (Per Testhole) | 1 | \$ 100 | | | |
| Plan Page (700' per page) | | \$ - | | | |
| Designating (1 man crew Daily) | 1 | \$ 950 | | | |
| Designating Vac Support (1 man crew Daily) | 1 | \$ 950 | | | |
| Concrete Cutting & Coring - Per hole | 1 | \$ 175 | | | |
| Sewer Main Scope (per 1000 ft) QLB | 1 | \$ 2,100 | | | |
| Sewer Scope Traffic Control | 1 | \$ 1,800 | | | |
| SUE Survey | | \$ - | | | |
| PE Review and SUE Plan set | | | | | |
| Vacuum Ex (Daily) | 1 | \$ 1,995 | | | |
| Large Hydro Excavator (Daily) | 1 | \$ 2,250 | | | |
| VacEx - Spoils Disposal (Per Dump) | 1 | \$ 205 | | | |
| Water & backfill - Daily | 1 | \$ 185 | | | |
| Mobilization/Per Diem - QLB (Per Day) | 1 | \$ 600 | | | |
| Mobilization/Per Diem - Vac (Per Day) | 1 | \$ 600 | | | |
| Permanent Restoration Day Rate (Asphalt or Concrete Hole Only Repair (No full panel or cut outs) | 1 | \$ 5,250 | | | |
| Totals | | | \$ - | \$ - | \$ - |

Utilities

- Gas
- Phone
- Electric
- Fiber
- Water
- Sewer QLC
- Storm QLC

Does not include sewer/storm unless requested and included as separate line item above - All Sewer/storm will be quality level C

RECONN will locate the private facilities to the best of our ability using electronic equipment by connecting to a conductor that surfaces. RECONN will attempt to locate those facilities as directed by the contractor and/or property owner. Due to the limited information and absence of as built maps, RECONN will not be responsible for the accuracy of said information. Client shall save and hold harmless RECONN its officers, agents, and employees against all liability including damages, fines, penalties, damage to property or injury or death of any person or persons arising out of or in any way connected with, or resulting from the Work to be performed hereunder, including but not limited to such liability arising out of, or in any way connected with, or resulting from the acts, non-acts, negligence or alleged negligence of RECONN its officers, agents, and employees in connection with the Work, hereunder provided, however that liability arising out of the sole and exclusive acts of negligence of RECONN its officers, agents, and employees shall be the responsibility of RECONN, said indemnification shall be inclusive of all costs and attorneys' fees and/or any judgment or settlement, resulting from either claim or litigation pursued against RECONN arising out of this agreement. LIMITATION OF LIABILITY In no event will RECONN be responsible for loss of anticipated profits or incidental or consequential damages.

Wasatch Surveying Associates L.L.C.

TED T. TAGGART

FRED W. COLES

STANTON G. TAGGART

906 MAIN STREET
EVANSTON, WYOMING 82930
(307) 789-4545

P.O. Box 564
FRUITA, COLORADO 81521
(970) 639-9270

CONTRACT HOURLY RATES

Effective 1/1/2023

Survey Crews

| | |
|---|----------------|
| One person survey crew (conventional) | \$107.00 / hr |
| Two person survey crew (conventional) | \$150.00 / hr |
| Three person survey crew (conventional) | \$194.00 / hr |
| One person GPS crew | \$153.00 / hr |
| Two person GPS crew | \$200.00 / hr |
| Three person GPS crew | \$242.00 / hr |
| ATVs / Snowmobiles (per machine) | \$107.00 / day |

Survey crew price includes primary crew vehicle, mileage and equipment. Time billed begins with departure from Evanston office and terminates upon return.

Office Personnel

| | |
|---|--------------|
| Senior Licensed Land Surveyor (Surveyor II) | \$94.00 / hr |
| Licensed Land Surveyor (Surveyor I) | \$86.00 / hr |
| Senior CAD operator (CAD II) | \$79.00 / hr |
| CAD operator (CAD I) | \$67.00 / hr |
| Senior Technician (Tech II) | \$72.00 / hr |
| Technician (Tech I) | \$63.00 / hr |

Materials reimbursed at cost

Mileage for non-survey crew travel to be current I.R.S. rate.

Direct expenses incurred during the course of a project, such as document recording fees and outsourced copies, will be invoiced at cost.

When overnight stay is necessary, a per diem charge of \$53.00 per day per crew member plus lodging shall be added. Lodging will be invoiced at cost.

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: KLJ Engineering LLC

2. Permanent Main Office Address, Email, and Phone Number: *Branch Office/ Main Contact* – 1601 Riverfront Drive, Suite 204, Grand Junction, CO 81501-3829 | marc.kenney@kljeng.com | 970-450-7476; *Corporate Headquarters* – 400 East Broadway Avenue, Suite 600, Bismarck, ND 58501 | mark.anderson@kljeng.com | 701-355-8400

3. When Organized: 1938

4. If a Corporation, where Incorporated: KLJ is a Limited Liability Company based out of North Dakota.

5. How Many Years Have You Been Engaged in the Business Under Your Present Firm or Trade Name?: 85 years

- » L.W. Veigel, Consulting Engineering – 1938
- » L.W. Veigel and Company, P.C. – 1971
- » Veigel Engineering, P.C. – 1981
- » Kadrmas, Lee & Jackson, P.C. – 1984
- » Kadrmas, Lee & Jackson Inc. – 2001
- » KLJ Engineering LLC – 2020

6. Give Bank References: Ms. Celine Francisco, Cash Management Officer, Choice Bank, 4501 23rd Avenue South, Fargo, ND 58104, 701-356-9744, c.francisco@bankwithchoice.com

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: KLJ maintains general liability coverage with Accord Corporation in the amount of \$1,000,000 per occurrence and \$2,000,000 aggregate, automobile liability in the amount of \$1,000,000, and an umbrella liability policy in the amount of \$10,000,000. We carry professional liability coverage in the amount of \$10,000,000 per claim/\$10,000,000 aggregate.

8. Will You, Upon Request, Fill Out a Detailed Financial Statement and Furnish Any Other Information That May Be Required By the County?: KLJ is willing to provide any information necessary to Mesa County after contract award and a Non-Disclosure Agreement (NDA) is signed between Mesa County and KLJ.

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 27th day of March, 2024.

KLJ Engineering, LLC

(Name Of Consultant)

By: 

Title: SVP

State of North Dakota

County of Burleigh

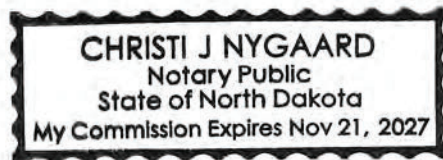
Being duly sworn deposes and says that he/she is the SVP of
KLS Engineering, LLC and that the answers to the foregoing questions and all
statements therein contained are true and correct.

Subscribed and sworn to before me this 27th day of March, 2024.

Christi J. Nygaard
(Notary Public)

4212 Cumberland Loop, Bis NDS8503
(Address)

My Commission Expires November 21, 2027.



ATTACHMENT E: 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 INSUREDS, as respects liability, on behalf of Contractor, arising out of this Contract." All certificates of insurance are to be submitted on standard "ACCORD 25-S" 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

| | | |
|-----------|----------|---|
| <u>MA</u> | <u>X</u> | 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. |
| <u>MA</u> | <u>X</u> | 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. |
| <u>MA</u> | <u>X</u> | Other insurance as required. If other insurance is required it will be included and referred to as "EXHIBIT E." |



CERTIFICATE OF LIABILITY INSURANCE

9/13/2024

DATE (MM/DD/YYYY)

4/17/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS TO THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. IF SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

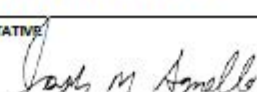
| | | |
|---|--------------------------------------|--------------------------------|
| PRODUCER Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000 kcasu@lockton.com | CONTACT NAME: _____ | |
| | PHONE (A/C No. Ext): _____ | FAX (A/C, No): _____ |
| E-MAIL ADDRESS: _____ | | |
| INSURER(S) AFFORDING COVERAGE | | NAIC # |
| INSURER A: Zurich American Insurance Company | | 16535 |
| INSURER B: The Travelers Indemnity Company | | 25658 |
| INSURER C: Allied World Surplus Lines Insurance Company | | 24319 |
| INSURER D: _____ | | |
| INSURER E: _____ | | |
| INSURER F: _____ | | |

COVERAGES **CERTIFICATE NUMBER:** 20506142 **REVISION NUMBER:** XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

| INSR LTR | TYPE OF INSURANCE | ADDL INSR | SUBR WVD | POLICY NUMBER | POLICY EFF (MM/DD/YYYY) | POLICY EXP (MM/DD/YYYY) | LIMITS | |
|----------|--|-----------|----------|---------------|-------------------------|-------------------------|--|---------------|
| A | <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER: _____ | Y | Y | GLO7025052 | 9/13/2023 | 9/13/2024 | EACH OCCURRENCE | \$ 1,000,000 |
| | | | | | | | DAMAGE TO RENTED PREMISES (Ea occurrence) | \$ 1,000,000 |
| | | | | | | | MED EXP (Any one person) | \$ 5,000 |
| | | | | | | | PERSONAL & ADV INJURY | \$ 1,000,000 |
| | | | | | | | GENERAL AGGREGATE | \$ 2,000,000 |
| | | | | | | | PRODUCTS - COM/PROP AGG | \$ 2,000,000 |
| | | | | | | | | \$ |
| A | <input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY | Y | Y | BAP7025055 | 9/13/2023 | 9/13/2024 | COMBINED SINGLE LIMIT (Ea accident) | \$ 1,000,000 |
| | | | | | | | BODILY INJURY (Per person) | \$ XXXXXXXX |
| | | | | | | | BODILY INJURY (Per accident) | \$ XXXXXXXX |
| | | | | | | | PROPERTY DAMAGE (Per accident) | \$ XXXXXXXX |
| | | | | | | | | \$ XXXXXXXX |
| B | <input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000 | Y | Y | SXS 6695075 | 9/13/2023 | 9/13/2024 | EACH OCCURRENCE | \$ 10,000,000 |
| | | | | | | | AGGREGATE | \$ 10,000,000 |
| | | | | | | | | \$ XXXXXXXX |
| A | WORKERS COMPENSATION AND EMPLOYER'S LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below <input type="checkbox"/> Y <input checked="" type="checkbox"/> N N/A | | Y | WC7025054 | 9/13/2023 | 9/13/2024 | <input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER | |
| | | | | | | | E.L. EACH ACCIDENT | \$ 1,000,000 |
| | | | | | | | E.L. DISEASE - EA EMPLOYEE | \$ 1,000,000 |
| | | | | | | | E.L. DISEASE - POLICY LIMIT | \$ 1,000,000 |
| C | <input checked="" type="checkbox"/> PROFESSIONAL LIABILITY INCL <input checked="" type="checkbox"/> POLLUTION CLAIMS MADE | N | N | 0313-9801 | 9/13/2023 | 9/13/2024 | \$10,000,000 PER CLAIM \$10,000,000 AGGREGATE | |

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 CERTIFICATE HOLDER IS INCLUDED AS ADDITIONAL INSURED FOR GENERAL, AUTO AND UMBRELLA LIABILITY ON A PRIMARY AND NON-CONTRIBUTORY BASIS IF REQUIRED BY WRITTEN CONTRACT. A WAIVER OF SUBROGATION APPLIES TO THE GENERAL, AUTO, UMBRELLA, PROFESSIONAL AND WORK COMP/EMPLOYER'S LIABILITY WHERE ALLOWED BY STATE LAW AND IF REQUIRED BY WRITTEN CONTRACT. BOTH ARE SUBJECT TO THE TERMS AND CONDITIONS OF THE POLICIES. WORK COMP COVERAGE DOES NOT APPLY TO EMPLOYEES HIRED OR RESIDING IN ND, OH, WA AND WY. EMPLOYERS LIABILITY STOP GAP COVERAGE APPLIES IN ND, OH, WA AND WY. UMBRELLA LIABILITY IS EXCESS OF GENERAL, AUTO AND EMPLOYERS LIABILITY. RE: MESA-O-16.1 BOX CULVERT DESIGN EFL # 2403-00449 RIOT, MESA COUNTY, IT'S OFFICERS, OFFICIALS, EMPLOYEES AND VOLUNTEERS ARE ADDITIONAL INSURED'S AS RESPECTS LIABILITY, ON BEHALF OF CONSULTANT, ARISING OUT OF THIS CONTRACT.

| | |
|--|---|
| CERTIFICATE HOLDER 20506142 MESA COUNTY P.O. BOX 20000 GRAND JUNCTION, CO 81502 | CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE:  |
|--|---|

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**MM-O-16.1 Structure Replacement
Request For Proposal
RFP-24-03159-0-16.1**

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- 3.4 Ability to Meet Project Schedule
- 3.5 Previous Projects Similar in Scope
- 3.6 Familiarity with Project and Area
- 3.7 Project Approach
- 3.8 Quality Assurance Methods
- 3.9 Cost Proposal
- 3.10 References
- 3.11 Exceptions
- 3.12 Insurance Clarification

Section IV Evaluation Criteria

- 4.0 Evaluation Criteria
- 4.1 Selection Committee
- 4.2 Evaluation Process
- 4.3 Award of Contract

Section V Contract Terms and Conditions

- Attachment A – Schedule of Payment
- Attachment B – Hourly Rate Schedule
- Attachment C – Schedule of Fees
- Attachment D – Financial and Exception Statement
- Attachment E – Insurance Clarification Agreement

SECTION I

PROPOSAL INFORMATION

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

1.1 PRE-PROPOSAL CONFERENCE

Pre-proposal meeting will be held at March 21, 2024 at 10:00 AM in Multi Purpose Room A in the Mesa County Central Service Building located at 200 South Spruce, Grand Junction, CO 81502. Enter the building by the West Door which is marked: **Elections**. Turn left and go down the hall to the Multi Purpose Room.

1.2 SUBMISSION OF PROPOSAL

All packets must be submitted in a sealed envelope clearly marked with the **firm name**, MM-O-16.1 Structure Replacement and must be received by Mesa County Public Works department prior to the submission deadline. The County will accept electronic submittal via email instead of hard copies. Email should be sent to KC Selleck, kc.selleck@mesacounty.us prior to the submission deadline. Emailed submittals should be sent RETURN RECEIPT requested and verified by the offeror.

Sealed offers are to be submitted to:

KC Selleck
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: 5:00 pm (MST) on April 2, 2024

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

1.3 NUMBER OF COPIES

The following items shall be placed in the proposal envelope:

1. One (1) printed and bound copies of proposal documents, including the following items:
 - a) Proposal including all information as outlined in Section III of this Request for Proposal.
 - b) One copy of Attachment A – Schedule of Payment
 - c) One copy of Attachment B – Hourly Rate Schedule
 - d) One copy of Attachment C – Schedule of Fees
 - e) Attachment D – Financial and Exception Statement
 - f) Signed Addenda, if applicable

1. If submitting in person, one electronic copy of all submitted documents on Compact Disc (CD) or Digital Versatile Disc (DVD), or Flash Drive and in Portable Document Format (pdf). Electronic copies must include signatures where applicable.

1.4 PROPOSAL INFORMATION

All questions regarding the proposal preparation, the selection process, or specifications and interpretations of the terms and conditions of the RFP, shall be submitted in writing no later than five (5) calendar days prior to the deadline for submission of offers. Send all questions to Kevin King or KC Selleck (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 proposal if requested.

1.5 OFFEROR DUE DILIGENCE

Each Offeror shall judge for themselves as to all conditions and circumstances having relationships to the proposal, 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 proposal.

Be aware, if the Offeror has obtained this RFP from any source other than directly from Mesa County, and does not check the web site for any addenda, Mesa County is not responsible for errors in the submittal which may result in submitting a non-responsive proposal.

1.6 CONFIDENTIAL OR PROPRIETARY INFORMATION

If an Offeror believes that parts of an offer 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 offers and parts of offers which are not marked as confidential will be automatically considered public information after the contract is awarded. Other offers or parts of offers may be considered public information pursuant to Colorado Law.

1.7 ADDENDA

In the event that it becomes necessary to revise any part of this RFP, or if additional information is necessary to enable the Offeror to make an adequate interpretation of this RFP, an addendum to the RFP will be provided on the web page (<http://www.mesacounty.us/publicworks/bids/>). Addenda to this RFP may be issued at any time prior to the time set for receipt of proposals, therefore Offerors should check the web site often. 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 proposal 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 RFP. Any request for withdrawal of an offer must be signed by the individual who signed the initial proposal 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 an offer in response to this solicitation the Offeror agrees that any offer 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 offer and to waive informalities and minor irregularities in offers received, and/or to accept any portion of the offer if deemed in the best interest of Mesa County. Failure of the Offeror to provide in its offer any information requested in the RFP may result in rejection for non-responsiveness.

1.10 PROPOSAL PREPARATION COST

The cost of proposal preparation is not a reimbursable cost. Proposal preparation 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 on the proposals received as set forth in Section IV.

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 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.

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 Proposal
Document Available

March 10, 2024
March 11, 2024

| | |
|--|----------------|
| Pre-proposal Conference | March 21, 2024 |
| Written Questions Due Date | March 26, 2024 |
| Proposal Submittal Due Date | April 2, 2024 |
| Award of Contract (estimate) | April 18, 2024 |
| Contract Presented in Public Hearing to the Board of County Commissioners (estimate) | April 16, 2024 |
| Kick-Off Meeting (estimate) | April 17, 2024 |
| Final Construction Plans and Contract Documents Due | July 26, 2024 |

1.16 INQUIRIES

Technical questions about the scope of services, budget and finance, or other project specific question regarding this RFP shall be in writing and directed to Kevin King. All procurement questions concerning the proposal 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 five (5) calendar days prior to the deadline for submission of offers. Verbal inquiries will not be accepted.

Kevin King
Senior Engineer
200 South Spruce Street
P.O. Box 20,000
Grand Junction, CO 81502-5013
970.255.7147
kevin.king@mesacounty.us

KC Selleck
Operations Manager
200 South Spruce Street
P.O. Box 20,000
Grand Junction, CO 81502-5013
970.244.1812
kc.selleck@mesacounty.us

WRITTEN QUESTIONS RELATED TO THIS RFP 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 RFP.

SECTION II MINIMUM SPECIFICATIONS

2.0 SUMMARY OF INTENT

It is the intent of this Request for Proposals (RFP) to award a contract to a consulting firm for design work, as detailed below, associated with the successful completion of the Mesa-O-16.1 Box Culvert Replacement Project. The successful Offeror, hereinafter referred to as Consultant, must be prepared to perform services as outlined in Section II and III. It is the County's goal to obtain professional services from a Consultant who will provide high quality plans and specifications, customer service and project management. The award of the contract will be based on the evaluation criteria outlined in Section IV of this RFP.

2.1 PROJECT DESCRIPTION

Structurally design and provide plans and subsurface utility investigations for replacement (by County forces) of the MM-O-16.1 box culvert with a new 10 ft. by 10 ft. cast in place box culvert with associated headwalls, wingwalls, guardrail, and other miscellaneous accessories. Evaluate right of way needs and provide right of way exhibits for easements and acquisitions as necessary.

2.2 GENERAL INFORMATION

Notice to Proceed

Work will not commence until the written Notice-to-Proceed is issued by Mesa County with certification from the Consultant that the work will be completed within the allotted time. Subject to approval, the time charged may exclude the time lost for:

- Reviews and approvals
- Response and direction

Consultant Responsibility and Duties

The Consultant shall designate a Project Manager, hereinafter referred to as Consultant PM, who shall be responsible for all professional design services required for Final Design Plans, Technical Specifications and Construction Contract Documents. Consultant is responsible for analysis of pertinent project related items and the preparation of plans, technical specifications and estimates for the construction of the project. The Consultant shall appoint a responsible member of the firm to be the contact person for all services after design. That person will be available until the end of construction to provide resources for Mesa County Road and Bridge in order to expedite the construction of the project and to provide timely response to design issues as they arise. Bid specifications will not be required as it is intended that Mesa County Road and Bridge will construct the project. Technical specifications integral to the design of the project will be required.

Project Management Team

The project management team shall consist of the County Project Manager (County PM) and the Consultant Project Manager (Consultant PM).

Project Communication and Billing

The routine working contact will be between the County PM and the Consultant PM. The Consultant PM and County PM will provide each other with the following:

- A written synopsis or copy of their respective contacts (both by telephone and in person) with others regarding the project
- Copies of pertinent written communications

The Consultant will provide the following on a routine basis:

- Coordination of all contract activities by the Consultant PM
- Periodic reports and monthly billings (the billings will include a current project schedule with identified milestones, percent of work complete by project task, percent of budget spent for each project task, and percent of budget remaining for each project task)
- Minutes of all meetings

Approval of Reports and Submittals

In general, all reports and submittals must be approved by the project management team prior to their content being utilized in follow-up work effort.

2.3 REQUIRED COMPLIANCE

The Consultant must comply with applicable Federal, State and/or local laws and regulations, including all other applicable laws, regulations, ordinances, codes and rules of any governmental entities that have jurisdiction. The Consultant agrees to indemnify and hold harmless Mesa County against all losses, expenses, and damages arising from the Consultant's violation of any of the above laws, regulations ordinances, codes, rules and negligence.

2.4 STANDARDS

The design shall utilize the existing Mesa County right of way and existing easements where possible. Additional right of way, easements and temporary construction easements for any encroachments by road realignment, slopes or facilities on property outside the existing right of way limits shall be identified by the Consultant and will be obtained by Mesa County.

The project design shall conform to all Mesa County policies and the "desirable" design standards identified by the Consultant and accepted by Mesa County. These standards shall utilize the Mesa County Design Standard, Mesa County Standard Construction Specifications, Mesa County Stormwater Management Manual, AASHTO Design Manual, Colorado Department of Transportation (CDOT) Standard Specifications for Road and Bridge Construction (latest edition), CDOT M&S Standards (latest edition), CDOT Bridge Design Manual, ASCE 38 Utility Engineering Standards, and other industry standards as reference. Where necessary, the Consultant may use engineering judgment in varying from the "desirable" design standards. In such a case, the Consultant shall document in writing the project specific condition that necessitated variance from the standards along with a

description of the basis behind selection of the new varied standard. In any case, project features shall comply with all Federal and State regulations.

Design and geotechnical engineering work shall be performed by a Professional Engineer (PE) registered in the State of Colorado and said engineer shall be designated as the PE of record for this project. The PE shall be in good standing with the Colorado Department of Regulatory Agencies throughout the project.

Survey work shall be performed by a Professional Land Surveyor (PLS) registered in the State of Colorado and said surveyor shall be designated as the PLS of record for this project. All surveying work shall be based on the Mesa County Local Coordinate System (MCLCS). The PLS shall be in good standing with the Colorado Department of Regulatory Agencies throughout the project.

The consultant shall employ sub consultants as necessary to assist with areas of expertise not within the company's available resources.

2.5 PROJECT INFORMATION

Project Background

The Mesa O-16.1-Box Culvert is reaching the end of its design life and is functionally obsolete. The consultant shall structurally design and provide plans and technical specifications integral to the design for replacement of the Mesa-O-16.1 box culvert with a new 10 ft. by 10 ft. cast in place box culvert with associated headwalls, wingwalls, guardrail, and other miscellaneous accessories. Colorado Department of Transportation standard plates shall be used as much as practical. The culvert length shall be redesigned to accommodate the Mesa County rural collector road section with additional length for fill slopes as needed. Provide subsurface utility engineering and coordination. Evaluate right of way needs and provide right of way exhibits for easements and acquisitions as necessary. This project will be constructed by the Mesa County Road and Bridge Department. Bid services and contract specifications not integral to the design integrity will not be required.

This work shall be in conformance with all applicable Colorado Department of Transportation and/or Mesa County standards and policies, unless otherwise approved by the County PM.

Items to Be Provided by Mesa County

To complete the deliverables, the following items will be furnished to the Consultant by Mesa County:

- Right-of-way acquisition, Exhibit examples, and appraisal services
- Title work as acquired to construct the baseline map which shall cover all landowners and identify which landowners have liens, loans and or mortgages.

Mesa County has available some limited survey and topographical information provided within this RFP. The Offerors need to evaluate and choose if the data is sufficient for design and construction or supplement the data with additional survey and verification of supplied data of which the cost shall be included within your proposal.

Existing Features

Existing facilities, vegetative components, structures, utilities will be identified and evaluated by the Consultant as part of this project.

2.6 PROJECT MANAGEMENT REQUIREMENTS

Project Coordination

The consultant shall be responsible for the following:

- Coordination of all work tasks being accomplished by all parties to ensure work completion stages are on schedule.
- Framework for communication between the County, affected residents and property owners, utility companies, districts and other impacted entities
- Identification of contact information for all utility owners, including irrigation water suppliers and users.
- Identification of potential utility construction/relocation problems and/or conflicts and coordination with utility companies and conflicting utility resolution.
- Identification of affected property owners, their contact information (using the assessor records) and coordination of the design with them
- Meeting minutes

It is anticipated that coordination will be required with the following entities:

- Mesa County
- Affected utility providers (to be determined during survey). Known utility companies include: Spectrum Communications, Grand Junction Drainage District, Grand Valley Rural Power, Orchard Mesa Sanitation, Lumen/Centurylink, Ute Water, and Xcel Energy & Gas.
- Affected irrigation providers (to be determined during the utility engineering. Known irrigation companies include: Grand Valley Water Users Association,
- Adjacent property owners

Affected Property Owner Information and Design Coordination

The Consultant will establish a line of communication with each property owner affected by the project to accomplish the following:

- Survey to establish known features and baseline information on landowner's property for Right of Way and Design Maps.
- Provide current project information
- Communicate and coordinate impacts the project will have on the frontage of their property
- Coordinate acquisition of right-of-way, permanent easement, temporary construction easements and other right-of-way/easement activities

The Consultant shall designate a member of the design team as the Property Owner Manager to be the primary contact for property owners. A record of all communication between the Property Owner Manager and property owners shall be maintained and made part of the project records. The Consultant's designated Property Owner Manager and the County PM will meet with each property owner a minimum of once but as many times and necessary to implement right of way acquisitions during the preconstruction phase.

Schedule Preparation, Tracking and Coordination

The project activities along with communication, consensus building, project team reviews, conceptual design, data gathering, documentation, and formal public notice should be planned by the Consultant and coordinated with the County PM. The time of their accomplishment will overlap and parallel paths of activity should be planned to finish the development phase in accordance with the shortest possible schedule.

- Project schedule to be included in the contract with the final Scope of Work and cost estimate
- Project timeline with monthly up-dates to track progress toward final submittal
- Schedule shall reflect submittal dates which allow a sufficient review phase for Mesa County Public Works prior to each progress meeting and a two-week review phase after the 90% plan submittal date.

Project Meetings

Progress Meetings will be arranged and conducted by the Consultant to review the following:

- Latest project developments
- Activities required to be completed since the last meeting
- Coordination and tracking of work effort
- Problems encountered/anticipated and resolution/potential solutions
- Project schedule update
- Action items
- Coordination required with other agencies
- Revised construction cost estimates

These meetings should coincide with important project milestones; however, the type and number of meetings, documents, etc., will depend on the category and characteristics of the project work. The Consultant should anticipate a minimum of # (fill in) progress meetings with the Consultant's design team, Mesa County Public Works and others.

It is anticipated that the following meetings will be required:

- Mesa County design kickoff meeting
- Mesa County design review with project manager as necessary through plan and specification development
- Mesa County 90% design review
- Meetings with adjacent property owners (3ea)

- Meetings with utility companies (3) including 30%, 90% Utility Design & Relocation Coordination Meetings, and onsite meeting with utility providers to determine status of removals before 90%

Project Meeting Minutes

Project Meeting Minutes shall be completed and provided to the Project Manager within five (5) working days of the actual meeting. When a definable task is discussed during a meeting, the minutes will identify the “Action Item”, the party responsible for accomplishing it, and the proposed completion date.

Quality Assurance Reviews / Accuracy Tests

Quality assurance reviews and accuracy tests are vital to the success of the project and shall be performed on a regular basis throughout the project by the Consultant. Submittals shall be reviewed prior to being released for review by the County. Calculations verifying the accuracy of the quantities for the major work items (i.e. earthwork, aggregate, concrete, asphalt, etc.) shall be provided at the 90% design phase. Written documentation confirming the completion of these reviews and tests shall be provided in writing to the County PM with each submittal and shall be made part of the project records. The County PM may reject any submittals that do not include documentation of such review, or for which the submittal quality indicates the review was inadequate.

Review by Professional Land Surveyor and Professional Engineer

The accuracy tests/reviews are to be conducted by the PLS and PE in responsible charge for the project. Further review of all aspects of the field and office work shall also be the responsibility of the PLS and PE in responsible charge.

2.7 DATA COLLECTION AND ANALYSIS

Data collection shall extend a minimum of 10 feet beyond the right-of-way or anticipated limits of disturbance.

Initial Project Scoping

- Conduct initial research and investigations for familiarity with existing improvements, reports and conditions
- Identify scope elements, responsibilities and coordination necessary to complete the work
- Review applicable documents and requirements
- Ensure that any mitigation or commitments are addressed
- Discuss possible design options
- Identify design criteria (submit a project memo summarizing specific design criteria)
- Identify all permits and/or clearances needed including any Environmental, Federal and/or State Clearances as may be required.

Pre-survey Conference

A pre-survey conference shall be held prior to start of any right-of-way or survey work. The Consultant, their surveyor, and the County Project Manager, shall attend the Pre-survey conference.

Right-of-Entry (ROE)

Some activities may require work on land not controlled by Mesa County for which the Consultant must obtain the necessary written permission to enter the premises. Written permission must be obtained prior to data collection.

- Evaluate requirements of all disciplines that require ROE including survey, geotechnical, environmental, utility, etc for the process
- Prepare ROE form(s) that identify the data collection needs (for estimating purposes it is estimated that there are approximately (#) parcels located within the corridor area and affected properties)
- Included in this written permission will be the names and telephone numbers of persons to contact should notification prior to entry be necessary
- These written permissions apply to Mesa County personnel as well as Consultant personnel
- Mailing of the ROE form(s) including a stamped self-addressed envelope with the mailing
- Obtain completed ROE form(s) to secure landowner permission to enter private property as needed to perform the required data collection
- Signed copies of written permission will be submitted to the County PM prior to entering private property for any work
- Non-responsive owners shall be telephoned, sent certified mail or contacted in person in order to obtain ROE as needed
- Since landowners are not required to provide entry, the County may need to petition the court should ingress be necessary (such petition is not included as part of this scope of work for this project)
- Some activities such as materials testing on existing pavement may require a permit
- Permits will be obtained and copies submitted to the County PM

Geotechnical Investigation and Engineering

- Complete a geotechnical investigation and design report including recommended structural section and potential subgrade stabilization design. Minimum requirements according to requirements of AASHTO LRFD, CDOT Geotechnical Design Manual or CDOT Road Design Manual (Chapter 4) should be used when applicable to the project scope.
- Collect soil samples and test for classification, moisture-density relationship, resistance value, corrosiveness, and bearing capacity
- Scope shall include evaluation of surface and subsurface soil and geologic conditions of the site relevant to the construction of the replacement box culvert.
- Explore subsurface conditions to a depth exceeding the influence of the proposed cast in place box culvert construction.

- Evaluate by laboratory and field tests the general engineering properties of the various strata which could influence the bridge construction and foundation.
- Define the general geology of the site including key geological hazards which could have an effect on the bridge construction and foundation.
- Develop geotechnical criteria for site grading and earthwork
- Identify potential construction difficulties and provide recommendations concerning these problems.
- Recommend an appropriate foundation system for anticipated structure and develop criteria for cast in place box culvert design. Soils and groundwater shall be evaluated for corrosion potential. The report shall contain recommendations to mitigate anticipated corrosion problems with the bridge foundation and superstructure.
- Prepare and submit a soils investigation report

Field exploration and laboratory testing at a minimum shall include:

- Soils Investigation utilizing ASTM D-1587 Thin-walled Shelby Tube
- ASTM D-1586 Standard Penetration Testing (SPT)
- ASTM D-2487 Soil Classification
- ASTM D-4546 One Dimensional Swell or Settlement Potential for Cohesive Soils
- ASTM D-3080 Direct Shear Strength, Cd (when needed)
- ASTM D-2937 In-Place Soil Density
- ASTM D-2216 Moisture Content of Soil
- ASTM D-2844 R Value of Soils (Hveem-Carmay) or ASTM D-1883 California Bearing Ratio (CBR)
- ASTM D-698A Moisture Density Relationship

SURVEY

Establish Project Control Monumentation

Care is to be taken to install said monumentation in locations that are readily usable for the project and in a safe location so that they can be utilized throughout construction.

Local Project Control

Survey the required project control (centerline/baselines and elevation reference) as required. Prepare a survey control diagram showing graphical representation of all monuments used for control. Tabulate coordinates and physical descriptions of all found monuments and other physical evidence.

Land Survey/Boundary Survey

Tie aliquot, property and other land monuments to the control survey. Prepare a Land Survey Control Diagram showing graphical representation of all found aliquot, property and land monuments and their relationship to the project control. Tabulate the coordinates and physical description of all found monuments and other physical evidence.

Certified Improvement Location Certificate Surveys (ILCs) will be required for all landowners having liens, loans, and or mortgages as identified in the provided title work. # estimated number of ILCs will be required.

Right-of-Way Verification and Mapping

- Mesa County will provide a right-of-way plan depicting all survey information that creates the right-of-way
- Verify the right-of-way information and locate the right-of-way to survey accuracy for use in the base map
- Stake the existing right-of-way at 100 ft. intervals and 50 ft. intervals within 150 feet of an intersection
- Intersecting right-of-ways shall be staked back 100 feet at 50-foot intervals.
- Stake permanent maintenance easements, temporary construction easements, and clear sight triangles.
- Notify the County PM of any discrepancies with the right-of-way plan and field verification

Topographic Survey

Collect the data required to produce a planimetric map. Features located will include, but not be limited to signs, trees, ornamental bushes, mailboxes, fences, driveways, curb cuts, curbs, sidewalks, and edges of pavements. Horizontal accuracy shall be comparable to the accuracy specified in the CDOT Survey Manual for a CDOT Class C survey without the TMOSS coding system requirement.

Terrain (Relief or Elevation) Survey

Collect elevation data. Natural ground elevations shall be as specified in the CDOT Survey Manual.

Existing Roadway Attributes

- Collect roadway layout attributes and condition information for roadways in the study area
- Detailed comprehensive topographic survey (1 foot contour intervals) to develop a base map for design

Hydraulic Survey

- Locate culverts, storm sewer pipes, inlets, vaults, manholes and determine invert elevations. Locate visible landowner and private hydraulic structures/features as needed.
- Locate inlets and determine invert elevation of pipes
- Accomplish drainage situation surveys for designated culverts and bridges

Base Map Development

- The information in the base map shall include but is not limited to a topographic survey and utility survey throughout project, all existing section line and right of way boundary monumentation within the project, any other survey monumentation found, topographical cross-sections of the roadway at 50 foot intervals and sufficient distance past right-of-way boundary to ensure tie-in of driveways and other grades, through and turning lane configurations, shoulder locations, general widths of shoulders, lanes and roadways, on-street parking areas, off-street parking areas, driveway and access locations, specific traffic control such as signalization or stop control, drainage, utility and irrigation facilities, sidewalk and bike facility locations, structures, utility vaults, signs, mailboxes, pedestrian crossing routes, trees, significant vegetation, landscaping features, large rocks and/or boulders, fences
- Wetlands delineation (to be performed by others) shall be included in the drawing

Traffic Control

- Consultant field activities that interfere with traffic operations within existing roadways will require control of traffic
- Consultant will plan and provide any required traffic control for the survey, testing, or the design process
- Traffic control operations will be in accordance with the MUTCD
- The proposed Method for Handling Traffic (MHT) must be submitted to the County PM and CDOT for approval
- Certification of the Traffic Control Supervisor as a worksite Traffic Supervisor by the American Traffic Safety Services Association (ATSSA) or as a TCS (Traffic Control Supervisor) by the Colorado Contractors Association (CCA) shall be required

Utility Coordination

- Obtain utility location maps from the utility companies which identify utility features in the project area
- Prepare overall location maps
- Conduct field reviews, as necessary and utility investigations with the utility companies to ensure correct horizontal and vertical utility data
- The horizontal and vertical locations will be shown in the design plans and cross-sections
- Survey utility locations
- Design any necessary irrigation relocations
- Coordinate design with the irrigation utility and comply with all the utility requirements
- All irrigation features are to be relocated outside of the roadway template and County right-of-way if possible
- Meet with all utilities to mitigate construction impacts

Drainage Engineering

- The design shall not require a hydraulic evaluation other than maintaining the existing inlet invert elevation and determining the hydraulic slope of the culvert to obtain a hydraulically balanced condition between inlet and outlet control.

Retaining Walls

- All retaining walls with a height greater than four feet or regardless of height those that have existing or proposed utilities behind the wall shall be designed by the consultant.
- At a minimum the walls shall be designed to the current CDOT standard. Where utilities are existing or proposed behind the wall an additional factor of safety shall be considered.
- Passing design responsibility to the Contractor will not be permitted.

Right-of-way and Permanent/Temporary Easements

Provide determination of right-of-way and permanent/temporary easement needs.

Provide determination of right-of-way, permanent easement, and temporary construction easement needs. Written Legal and Depiction Maps need to be developed in accordance with the standards as identified by Mesa County. Legal documents for the acquisitions shall be provided to the County at the 60% design phase and shall include:

- Overall drawing to demonstrate the Right-of-way and Easement needs for the project. The drawing should conform to the requirements of the CDOT Right-of-way mapping.
- The description map depicts all improvements affected such as landscaping, tree or shrub removal, irrigation modifications, sprinkling systems, mailboxes, fence modifications, structures, grade modifications, utility relocation or installations, etc. in the existing or acquired right of way or any other project modification that the landowner County ROW Agent would consider pertinent to right of way negotiation.
- Improvement Location Certificates compliant with C.R.S. 38-51-108 for every parcel that is financed.
- Electronic copy of the above to the County.
- Exhibit pages shall be identified as being on letter and or legal-size paper for printing and recording.
- Provide summary of coordination activities with adjacent property owners
- Final copies of the legal exhibits shall be provided to the County PM in accordance with the standards as identified by Mesa County. Legal exhibits shall be identified as being on letter and or legal-size paper.

2.8 FINAL DESIGN (90%)

Project Review

- Update project schedule
- Coordinate activities
- Finalize design decisions, variances and justification process

Roadway Design and Roadside Development

- Prepare and provide final roadway design plans incorporating all input from applicable specialties and entities

Utility Engineering Coordination

Following the finalization of the roadway horizontal alignment and profile grade and the horizontal and vertical location of drainage structures, sewers, and other underground structures:

- Provide and coordinate 90% design phase utility services described in 2.7 Data Collection and Analysis.
- Prepare 90% design plans showing all updated utility data and relocations required due to utility conflicts. Include proposed relocation designs to be conducted by utilities.
- Provide 90% design for all irrigation features and obtain approval of the design from the irrigation owner. Irrigation features are to be relocated outside of the roadway template and County right-of-way (if possible).
- Update the Utility Conflict Matrix to show how final resolution of all utility conflicts was obtained.
- Conduct a 90% Design Utility Meeting with the County and all impacted utility agencies to review and finalize all necessary utility relocations

Materials Engineering

- Finalize and provide the stabilization plan/pavement design report
- Finalize geotechnical considerations and incorporate them into the plans

Preparation for the 90% Design Review Meeting

- Coordinate the packaging of the plans
- Calculate plan quantities and prepare the tabulations and summary of approximate quantities
- Prepare final project quantities (item numbers, descriptions, units and quantities shall be listed and submitted to the management team)
- Submit the 90% design plans in pdf format and technical specifications in MSWord format to County PM for a preliminary review at least two weeks prior to the 90% design review meeting
- Provide written documentation confirming the completion of quality assurance reviews and tests to the County PM

Deliverables

Electronic copies of the following: Draft final design report. draft final construction plan set (90% plans, draft project technical specifications and project special provisions in Microsoft Word format, draft Construction quantities in Microsoft Excel format, draft final geotechnical investigation/analysis, design reports and quality assurance/ accuracy test memorandum. Submittal summarizing contact information, correspondence memos and status of coordination with utility owners regarding resolution of utility conflicts and design review memorandum.

2.9 DESIGN PHASE COMPLETION

Upon receipt of the 90% plan review comments from the County, all final revisions shall be made to the plans and reports and the design phase shall be considered complete once the following tasks have been completed by the Consultant.

Construction Plan Package

The bid plan construction contract package shall consist of the revised final plans and will completely describe the work required to build the project including project standard and special provisions and detailed quantities. A materials quantity schedule shall be provided in Excel format for inclusion in the final bid package. All other provisions will be provided in MS Word format.

Final Engineering Package

The consultant shall submit #electronic copies of the following:

- All project calculations or worksheets
- All final reports and their approvals
- All reports will have the latest revisions included
- Copies of variances, design decisions, and variance approvals
- Project meeting minutes
- Utility coordination package
- Utility agreements and information regarding the utility location and clearance conditions

Final design shall include all materials schedule items necessary to construct the project. The final documents shall follow CDOT design standards and specifications. Special Provisions shall be provided for all items that require clarification or modification.

Deliverables

Electronic copies of the following: Final stamped Construction Plan Package in Adobe pdf 11x17 format and construction plans in AutoCAD Civil 3D, (within last 3 versions);, project special conditions, technical specifications (in Microsoft Word format); final design report; final materials quantity tabulation in Microsoft Excel format) and Final Engineering Packages.

The consultant will be required to provide the final plan AutoCAD files to the Contractor for use in project staking and as built record preparation.

Utility Relocation Coordination

Conduct a Utility Relocation Coordination Meeting on-site with the County and all impacted utility agencies to review utility relocation plans; determine schedule and length of time for utility relocations; coordinate order of utility relocations; and determine which relocations are not constructible prior to commencement of project construction.

2.10 DESIGN PHASE DURATION

The time period for the preconstruction activities described in this scope is approximately 13 weeks including time necessary for agency review. Upon final review and comment all final documents shall be submitted by July 26, 2024.

2.11 CONSTRUCTION PHASE SERVICES

Design and Construction Support

- Provide “For Construction” plans with all addendum information included.
- Stake right of way, permanent maintenance easements, temporary construction easements and clear sight triangles.
- This project will be constructed by the Mesa County Road and Bridge Department. Bid services will not be required.

Construction Oversight

- Response to all technical questions during construction and prepare documentation, if necessary
- Attendance at 5 regularly scheduled construction meetings during the construction period as required by the construction project manager
- Provide 5 interim site inspections during critical elements of the construction as desired by the Consultant or County
- Construction site design support as needed by the construction project manager
- Construction documentation

Review of Shop Drawings

Maintain a log of all submittals which includes the following information:

- Submittal description
- Date received
- Date transmitted back to the sender
- Review the construction contractor’s shop and auxiliary drawings for conformance and compliance with the contract documents and the provisions of the current Mesa County and CDOT Standards.
- Review requests for material and/or product substitutions as submitted by the contractor for conformance with plans and specifications
- Provide cover sheet of submittal and material review results along with a copy of complete package with review comments back to Construction Management.

Technical Assistance Services

The Consultant shall provide technical assistance to Mesa County project personnel on an as-needed basis including, but not limited to the following services:

- Respond to questions in the field that arise relative to the plans, details or special provisions.
- Provide utility conflict resolution and design during construction, including conducting any additional test hole investigations.

- Meet with irrigation owners as needed to ensure relocated irrigation features function properly and as agreed to by owners.
- Provide a resource for construction survey crews in generating their staking data
- Evaluate and provide opinions on owner requested design changes
- Evaluate and provide opinions on contractor requested design changes
- Calculations, drawings, and specifications as needed

Post Design Plan Modifications

When requested by the Mesa County Project Manager, the Consultant shall provide design services for plan modifications required by unforeseen field conditions, owner requested design changes, or contractor requested design changes. Design plan modifications will be prepared in a format to submit and obtain approval from Mesa County prior to its construction.

Design Plan Modifications are not included in this scope of work and cost estimate. A task specific proposal will be submitted and approved by the Mesa County Project Manager prior to commencement of any design plan modification.

Deliverables

- Construction documentation related to design

2.12 CONTRACT DURATION

It is the intent of Mesa County plans to enter into a contractual agreement for a one (1) year period or until construction completion.

SECTION III PROPOSAL CONTENT

3.0 SUMMARY

Mesa County will be using the evaluation criteria set forth in Section IV of this RFP to make the award of this contract. All proposals must be submitted to Mesa County Public Works in a sealed envelope marked: NAME AND NUMBER

3.1 PROPOSAL FORMAT

The proposal shall include the information in the format outlined in this RFP and is limited to no more than twenty (20) pages. The proposal may be printed on double sided pages; however, each printed side shall be counted as one page toward the limit of twenty (20). 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 proposal 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 proposal 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 may be required to make a formal, in person presentation to the Selection Committee. Mesa County may make a selection of the successful Offeror from the original proposal submittals.

3.2 PROPOSAL REQUIREMENTS

Proposals shall contain the experience and technical qualifications of the Offeror in relationship to the RFP. The proposal shall contain the following:

- Company Background, 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
- Cost Proposal
- References
- Attachment A – Schedule of Payment
- Attachment B – Hourly Rate Schedule
- Attachment C – Schedule of Fees
- Attachment D – Financial and Exception Statement
- Attachment E – Insurance Clarification
- 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 RFP. Include any other information that you feel is appropriate to assist the Selection Committee in selecting your firm for the project.

The proposal 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
- 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 proposal 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.

3.4 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 RFP. List projects that are currently under contract with Mesa County and any other projects that team would be working on in conjunction with this project, if selected. Show projected completion dates of those projects. Include commitments of key subcontractors.

3.5 PREVIOUS PROJECTS SIMILAR IN SCOPE

Submit a list of at least three projects, with similar goals and challenges as the project described in the RFQ, that were successfully completed 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. Also, describe any innovative methods that were applied

to those projects that increased the benefits or decreased costs of the project. If your firm was the prime consultant for the project, include the original design cost, cost of any change orders to the contract, original design schedule time for the contract and final design time.

3.6 FAMILIARITY WITH PROJECT AND 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.

3.7 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 proposal should not reiterate the project scope provided in this RFP, 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.

3.8 QUALITY ASSURANCE METHODS & PERFORMANCE

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 and examples 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 proposal.

3.9 COST PROPOSAL

Mesa County strives to receive the highest quality product for the best value. In that regard, the proposal shall include a cost proposal (Attachment C) detailing the total cost of services to perform the tasks included in Section 2.0 of this RFP. The cost proposal will be evaluated on completeness, accuracy, and best value for the County.

3.10 REFERENCES

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

3.11 EXCEPTIONS

See Attachment D – 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 RFP documents. Exceptions taken to these proposal documents or contracts must be clearly stated on a separate sheet of paper and returned with your proposal. Note that the County will consider questions and requested changes to the proposal documents during the pre-proposal period and reserves the right to reject any and all requested changes or exceptions contained in any proposal.

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

SECTION IV EVALUATION CRITERIA

4.0 EVALUATION CRITERIA

The following criteria will be used in the evaluation of proposals:

- Company Background and Overview
- Technical Expertise of Project Team
- Ability to Meet Project Schedule
- Previous Experience on Projects Similar in Scope and Past Performance on Previous Mesa County Projects, if Applicable
- Quality Assurance Methods
- Cost Proposal

Proposals will be evaluated on the criteria listed above. The firm's with the highest scores will then proceed for further evaluation which will include the design fee.

The County reserves the right to reject any and all proposals and to waive any formality in proposals received, to accept or reject any or all of the items in the proposal, 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 submissions. Proposals will be evaluated by the Selection Committee based on completeness and the evaluation criteria, excluding the proposed fee, as outlined in the Request for Proposal. Through this process the Selection Committee will determine which proposals will continue for further evaluation.

The Selection Committee may determine it necessary to require oral presentation/interviews with the firms to ascertain acceptability of an offer. The Committee may request clarifications to the proposal from each of the Offerors at the conclusion of the interviews.

4.2 EVALUATION PROCESS

Those firms offering proposals selected for further evaluation by the County will be considered for award by the Selection Committee. Consideration for award by the Selection Committee will be based on the evaluation criteria, including the proposed fee, as outlined in the Request for Proposal.

The firm which is selected to perform the required services will be notified by telephone and in writing. Those firms whose proposals are not accepted will be notified in writing. Questions regarding the proposals received and the evaluation of the proposals will be permitted only after the Contract for award has been fully executed.

4.3 AWARD OF CONTRACT

The County plans to make an award on a “Highest Quality and Best Value” basis. The firm that is considered to be the “Highest Quality and Best Value” will be selected for an award through a process of consideration from all the evaluation criteria, as listed in section 4.0, on a weighted basis that would best support the County’s interest in providing a quality finished product.

SECTION V
CONTRACT TERMS AND CONDITIONS



PROPOSAL TO PROVIDE DESIGN SERVICES FOR

MM-O-16.1
STRUCTURE
REPLACEMENT

RFP-24-03159-0-16.1

MESA COUNTY PUBLIC WORKS
DEPARTMENT

APRIL
2024



April 2, 2024

Kevin King, Senior Engineer
Mesa County Public Works
200 South Spruce
Grand Junction, CO 81502-5013

RE: Request for Proposals (RFP) – MM-O-16.1 Structure Replacement; RFP-24-03159-0-16.1

Dear Kevin:

KLJ Engineering LLC's (KLJ) Grand Junction office has the local staff, expertise, and capacity to complete this project and produce final deliverables by September 13, 2024. Our team is familiar with Mesa County standards, expectations, Colorado Department of Transportation (CDOT) M-Standards for box culverts, and the project area. We have recently completed the Loma Sidewalk, South Camp Shoulder Widening, and Clifton 1st Street projects and are currently working on the Riverfront Trail Analysis of Alternatives project for Mesa County. Our team brings many advantages, a few of which are highlighted below.

- ✓ **Responsive** – KLJ is local, and our staff live, work, and play in Mesa County. We strive to provide our clients with exceptional customer service by being responsive, through good communication, and our quality of work. We have working relationships with the utility stakeholders and this experience will ensure this project goes smoothly. We are available to meet with County staff, utility stakeholders, and property owners on short notice.
- ✓ **Efficiency** – Since our Grand Junction office opening in 2021, we've grown our staff to a team of six licensed Colorado Professional Engineers, five project managers, five engineers-in-training, two environmental professionals, and additional professional support staff. Our project managers anticipate, schedule, and assign tasks to the staff with the lowest rates who can efficiently and effectively execute tasks. Our senior staff concentrate on managing projects, guiding junior staff, and providing quality assurance.
- ✓ **Proven Track Record of Quality** – KLJ utilizes Bluebeam software for all submittals, comment tracking, and quality assurance checks. The quality of our work is evident by our ability to win repeat work with existing clients,

how smoothly our projects go during construction, and how they function after construction. KLJ is an employee-owned company, and everyone takes pride in the quality of our work. KLJ strives to provide an exceptional client experience by providing a safe, simple, and cost-effective solution on schedule and within budget. Our Grand Junction team's responsiveness, expertise, value, and quality of work is clearly demonstrated by repeat projects and project extensions with Mesa County, City of Grand Junction, City of Delta, City of Steamboat Springs, Town of Collbran, Town of Eagle, Town of Gypsum, Huerfano County, Ouray County, Town of Telluride, Caerus Oil & Gas, and Carbon America.

KLJ has the motivation, local resources, expertise, and availability to assist Mesa County with this project. We look forward to a favorable review of our qualifications and working with you on this project. If you have questions, please reach out to either Marc or me.

Sincerely,
KLJ Engineering LLC

A handwritten signature in blue ink that reads "Rebecca Atkins".

Rebecca Atkins, PE
Project Manager
970-450-7785
rebecca.atkins@kljeng.com

A handwritten signature in blue ink that reads "Marc Kenney".

Marc Kenney, PE, CFM
Client Manager
970-450-7476
marc.kenney@kljeng.com

KLJ acknowledges receipt of Addendum 1 to the RFP.

Since the 1930s, we have worked alongside communities of all sizes, partnering with clients such as counties, cities, and private companies. We create solutions that turn your visions into reality, improving the lives of people and communities across the nation. Our business model puts you first, providing an exceptional experience that truly reimagines what your project can become.

**AN
EXCEPTIONAL
EXPERIENCE**
EVERY PROJECT | EVERY TIME

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APPENDICES

RESUMES

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ATTACHMENT B: HOURLY RATE SCHEDULES

ATTACHMENT C: SCHEDULE OF FEES

ATTACHMENT D: FINANCIAL AND EXCEPTIONS STATEMENT

ATTACHMENT E: INSURANCE CLARIFICATION

SIGNED ADDENDA



KLJ Engineering LLC's (KLJ) Grand Junction location has grown to 17 professional full-time staff since opening an office there in 2021. We offer local project management, design, and project support combined with multidiscipline expertise and national experts from our company-wide staff of 550 who are located in 24 offices across the Rocky Mountain, upper Midwest, and Southwest regions. Our comprehensive services

include transportation, municipal, civil, structural, and hydrology/hydraulic engineering; environmental and cultural resources; grant writing; and public engagement to ease project management and discipline coordination. We offer full project life-cycle services from planning, design, and construction to deliver all phases of a project.

KLJ Locations



Staff Count by Discipline



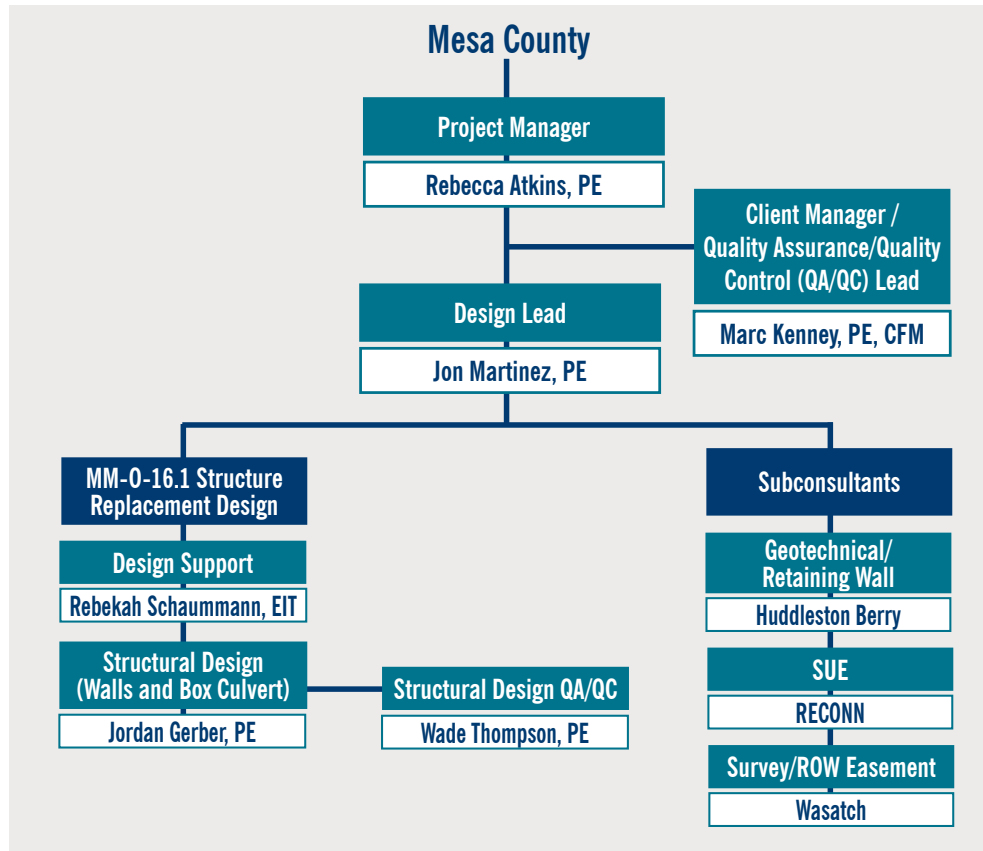
KLJ provides preliminary and final design for more than 1,000 transportation projects per year. These projects include structure replacements/designs; roadway design; hydraulics analysis; retaining/wing wall design; utility relocations; drainage and stormwater management; right-of-way (ROW) research, delineation, and acquisition;

survey; Americans with Disabilities Act (ADA) compliance; lighting; environmental clearance/permitting; and public involvement. Our design team brings many "lessons learned" and creative approaches to help mitigate and avoid costly challenges to a project's budget and schedule delays.

TEAM PERSONNEL AND TECHNICAL EXPERTISE



The following organizational chart outlines the roles and relationship among our proposed team. The project will be led by **Rebecca Atkins, PE**, a veteran project manager based in KLJ's Grand Junction office. Our subconsultants include Huddleston Berry Engineering and Testing (HBET) for geotechnical engineering, RECONN Utility Services for subsurface utility locates, and Wasatch Surveying. Our proposed team members will remain committed for the complete performance of the contract.



Subconsultants

GEOTECHNICAL/RETAINING WALL: HUDDLESTON BERRY ENGINEERING AND TESTING, LLC (HBET)

HBET will provide geotechnical engineering services. Based in Grand Junction, HBET is known for its senior-level leadership and project execution of deliverables. Licensed in Colorado, HBET provides geotechnical engineering, construction materials testing, and consulting services. They bring extensive experience working throughout the Grand Junction area and Western Slope of Colorado. KLJ and HBET have collaborated on Mesa County Clifton 1st Street Reconstruction and South Camp Road Widening, City of Delta Hillside Street Reconstruction, City of Montrose West Main Reconstruction, and City of Rifle Gateway Entrance Intersection Reconstruction.



SUBSURFACE UTILITY ENGINEERING (SUE): RECONN UTILITY SERVICES





RECONN has been in business for more than 12 years in the Colorado market and has performed SUE services throughout Colorado for more than 10 years. RECONN stands out with their ability to encompass experience and technologies to meet the needs of an increasingly competitive market. RECONN offers a list of services, but stands out in utility locating and HydroVac services due to many factors, including a heavy emphasis on processes and safety. Holding themselves accountable and striving for improvement in Colorado has created lasting partnerships with some of the largest utility owners, operators, and firms. They work closely with all facility owners on gathering QLD and C data. They have large and small HydroVac units to perform testholes creating efficiencies to achieve QLA.






SURVEY/ROW EASEMENT: WASATCH SURVEYING

Wasatch Surveying Associates, located in Fruita, CO, will provide surveying services using modern conventional and Global Positioning Systems (GPS) survey equipment, and computer-aided drafting and design programs. KLJ's Marc Kenney has been working with Wasatch since 2006 and KLJ has teamed with Wasatch on more than 20 projects.



| TEAM MEMBER | ROLE | FIRM | LOCATION | YRS EXP | EXPERTISE |
|--|---|------|--------------------|---------|---|
| Rebecca Atkins, PE  | Project Manager Primary Point of Contact Utility Coordination | KLJ | Grand Junction, CO | 13 | <ul style="list-style-type: none"> » Project Manager for Mesa County Loma Elementary Sidewalk and Riverfront Trail Alternative Analysis, City of Grand Junction Transportation Capacity Improvements, and City of Steamboat Springs Pine Grove Reconstruction » Former Colorado Department of Transportation (CDOT) Region 3 Project Engineer, managing the design of numerous transportation projects on Colorado's Western Slope » Project Engineer for Mesa County Orchard Avenue Reconstruction from 29 to 29½ Road » Licensed Professional Engineer – CO |
| Marc Kenney, PE, CFM  | Client Manager Assistant Project Manager QA/QC | KLJ | Grand Junction, CO | 27 | <ul style="list-style-type: none"> » 18 years of experience in Mesa County » Integral part of numerous Mesa County projects, including Clifton 1st Street, South Camp, and Cameo Roadway Improvements » Licensed Professional Engineer – CO, WY, UT, NM, ND » Certified Floodplain Manager |
| Jon Martinez, PE  | Design Lead | KLJ | Grand Junction, CO | 15 | <ul style="list-style-type: none"> » Seven years of experience in Mesa County, with more than 15 total years of experience in engineering design » Design engineer for numerous subdivision and commercial developments within and surrounding Mesa County, including new and improved roadway designs, drainage analysis and compliance, hydraulic structure sizing/design, utility layout/design, and construction observation » Licensed Professional Engineer – CO |
| Rebekah Schaumann, EIT  | Roadway Design Drainage | KLJ | Grand Junction, CO | 1 | <ul style="list-style-type: none"> » Lead engineer in training for Loma Sidewalk Project with Mesa County » Lead engineer in training for Pine Grove Roadway Reconstruction Project with City of Steamboat Springs » Lead engineer in training for well pad and roadway grading for various oil and gas clients » Experience using Civil 3D for transportation and surface construction projects |

| TEAM MEMBER | ROLE | FIRM | LOCATION | YRS EXP | EXPERTISE |
|---|-----------------------------|-------------------|--------------------|---------|--|
| Jordan Gerber, PE  | Structural Design Lead | KLJ | St. Louis Park, MN | 10 | <ul style="list-style-type: none"> » Licensed Professional Engineer – CO, MN, MT, ND, SD, WI, WY » Lead structural design on Huerfano County Bridge HU543-SO.1-069A, a bridge replacement with a single-cell cast-in-place culvert design » Designed, reviewed, and/or rated more than 20 box culverts across four states and numerous counties, showing adaptability in meeting needs of each local jurisdiction’s project needs |
| Wade Thompson, PE  | Structural Design QA/QC | KLJ | Grafton, ND | 13 | <ul style="list-style-type: none"> » Licensed Professional Engineer – CO, ND, SD, MT, MN » Bridge group leader overseeing QA/QC for KLJ bridge projects » Lead bridge designer for large volume of county structures throughout KLJ footprint |
| Mike Berry, PE | Geotechnical Retaining Wall | HBET | Grand Junction, CO | 27 | <ul style="list-style-type: none"> » Licensed Professional Engineer – CO, UT » Geotechnical Lead on numerous transportation projects throughout the Western Slope » Expertise in shallow and deep foundations » Subconsultant to KLJ for geotechnical services on Mesa County Clifton 1st Street Reconstruction and South Camp Road Widening, City of Delta Hillside Street Reconstruction, City of West Main Revitalization, City of Rifle Gateway Entrance Intersection Improvements, and Town of Collbran Trail Extension Study |
| Ben Perez  | SUE | RECONN | Henderson, CO | 15 | <ul style="list-style-type: none"> » BA Economics – Colorado State University » NASSCO Pipeline Assessment Certification Program » Occupational Safety and Health Administration (OSHA) 10-hour certification » 15 years of experience in utility industry |
| Ted Taggart, PLS | Survey | Wasatch Surveying | Fruita, CO | 46 | <ul style="list-style-type: none"> » Licensed Professional Land Surveyor – CO, UT, WY, NV |

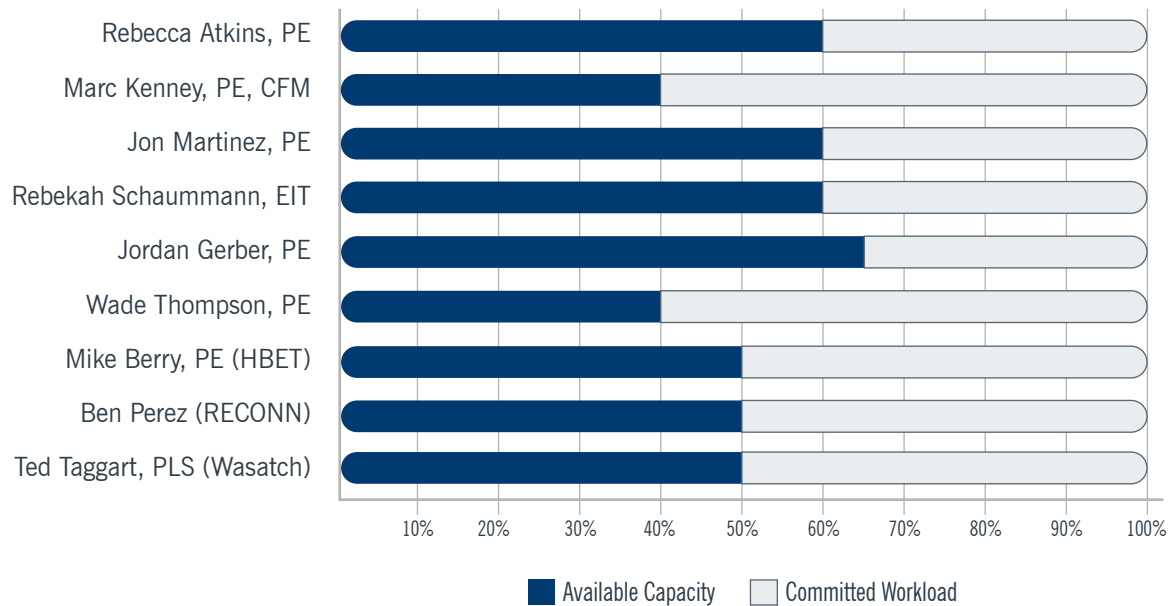
ABILITY TO MEET PROJECT SCHEDULE



Our Grand Junction team has the capacity to locally execute this project. **Rebecca Atkins, PE** will be KLJ's project manager. She is a veteran project manager and brings a strong understanding of Mesa County's design standards and experience with transportation projects throughout Mesa County and the Western Slope.

In assembling our team, we selected resources with expertise related to the County's project, proximity to quickly respond and deliver cost-effective services, and availability to meet the project schedule. We reviewed each team member's current and projected workload to determine availability to commit to this project.

TEAM AVAILABILITY/WORKLOAD CHART



PREVIOUS PROJECTS SIMILAR IN SCOPE



✓ CORBETT CREEK DEBRIS FLOW MITIGATION | OURAY COUNTY, CO

Completion Date: 2025 | **Cost:** TBD | **Team:** N/A

Ouray County has hired KLJ to tackle the critical issue of debris flow at Corbett Creek, which has significantly affected the functionality and safety of County Road (CR) 17. This project seeks to address the severe water and debris flows that have frequently rendered the road unusable, providing CR 17 remains an effective alternative path to the City of Ouray, particularly in emergency situations that cause Highway 550 to be unusable from Ridgway to Ouray. The project focuses on strategies to better manage the remarkable volume of debris – including rocks as large as small vehicles and immense quantities of mud, rocks, and trees – that block County Road 17. The project involves replacing two 48-inch culverts with a single 20 by 10-foot concrete box culvert to bolster the road's resistance to flooding and erosion, thus securing dependable access to the City of Ouray via County Road 17. The task includes completing detailed hydraulic modeling, construction plans, specifications and environmental permitting. KLJ is dedicated to the design execution to alleviate the impact of debris flow on County Road 17, improving its resilience and safety as an alternate route to the City of Ouray.



✓ COUNTY ROAD 543 BRIDGE REPLACEMENT | HUERFANO COUNTY, CO

Completion Date: 2024 | **Cost:** \$505,000 | **Team:** Marc Kenney, Jordan Gerber,

The project replaces County Road 543 Bridge with a new 20 by 10-foot cast-in-place box culvert. The bridge is located on the east side of the unincorporated Town of Gardner on County Road 543, which is a narrow, 16-foot wide gravel road that services residential, agricultural, and gravel quarries. County Road 543 crosses over the Huerfano River. The existing bridge was deemed structurally deficient and had a load restriction, preventing local trucks from using the structure. KLJ began the project with an evaluation of the current bridge structure and hydraulic modeling to determine to the size and type of the structure replacement. We are providing civil, structural, survey, ROW, and construction management. The project is a CDOT local agency project designed to CDOT standards. Construction is expected to be completed in 2024.



✓ **SOUTH CAMP ROAD SHOULDER WIDENING AND PATHWAY EXTENSION | MESA COUNTY, CO**

Completion Date: 2022 | **Cost:** \$600,000 | **Team:** Marc Kenney, Michael Berry (HBET)

KLJ was retained to design wider shoulders along South Camp Road to improve safety and mobility between Monument Road and Rimrock Drive. KLJ designed five-foot shoulders on either side of South Camp Road to facilitate the high volume of cycling traffic along the Tour of the Moon cycling route. Improvements were made to the intersections of South Camp and East Fallen Rock and Rimrock Drive. Specifically, the multi-use path that parallels South Camp was realigned to increase the visibility and safety of the intersections. This project improved slope stability along the roadway and brought the design into compliance with current American Association of State Highway and Transportation Officials (AASHTO) sidewalk design guidance. KLJ was able to complete the design without any ROW acquisition and with minimal utility relocation.



✓ **CLIFTON 1ST STREET RECONSTRUCTION | MESA COUNTY, CO**

Completion Date: 2023 | **Cost:** \$800,000 | **Team:** Marc Kenney, Michael Berry (HBET)

This project upgraded 1st Street from a gravel alley to a full street section between Grand Avenue and Front Street. Additionally, this project completed Grand Avenue from 1st Street to 2nd Street. The project features new street alignment of 1st Street to minimize ROW impacts to surrounding landowners and utilities, utility coordination and relocation, adjustment of the southern end of 1st Street to better align with 32 1/2 Road and the existing Union Pacific Railroad (UPRR) crossing, pedestrian/multimodal improvements, drainage improvements, landowner coordination, and public involvement meetings. KLJ worked with Mesa County to develop a street section that minimized ROW needs and provided five-foot bike lanes in addition to five-foot and 10-foot attached sidewalks. KLJ's team provided roadway design, hydrology/hydraulics, survey, ROW, utility coordination, SUE, geotechnical engineering, and public/stakeholder outreach.



TRANSPORTATION CAPACITY IMPROVEMENTS | GRAND JUNCTION, CO

Completion Date: 2025 | **Cost:** \$15 Million | **Team:** Marc Kenney, Rebecca Atkins

KLJ is the prime consultant for the reconstruction of four roadway segments within Grand Junction to provide complete street sections that accommodate multimodal transportation. KLJ is completing design of the reconstruction of major collectors 26½ Road (0.75 miles) and F½ Road (0.80 miles). KLJ is also providing traffic analysis for 26½ Road. The reconstructions include conversion from two-lane to three-lane with a two way left turn lane, the addition of bike lanes, and pedestrian sidewalks.

Challenges include limited ROW in several areas, most with private property owners; significant utility, fences, landscaping, and structures within the corridors; grading and positive drainage throughout, including several irrigation ditches; and addition of new impervious surfaces which will require additional permanent stormwater quality features, challenging given the space limitations. KLJ is providing ROW support for significant acquisition and easements.



FAMILIARITY WITH THE PROJECT AND PROJECT AREA



The project is located north of the City of Fruita, just east of 16 Road on O Road. Structure MM-O-16.1 conveys East Reed Wash south under O Road just east of O Road's intersection with 16 Road. The existing structure is cast-in-place concrete and is exhibiting some spalling. There is an existing natural gas line hung on the south side of the bridge and a Century Link communication line is on the north side. This area of the Grand Valley is rural and the primary land use is agriculture. O and 16 Roads are classified as minor collectors. Known utility providers include Ute Water, Xcel, and Century Link. The project location is within the Grand Valley Irrigation Company District and the Grand Valley Drainage District maintains the Bradley Drain to the north, which discharges to East Reed Wash just north of the project.

KLJ is proposing to use the team of KLJ, Wasatch Surveying, HBET, and RECONN. KLJ will provide project management, engineering design, stakeholder coordination, and ROW/easement acquisition support. This project will be locally-staffed out of KLJ's Grand Junction office. KLJ's Grand Junction staff are familiar with Mesa County standards/expectations, the project area, and can efficiently conduct site visits or attend field meetings with project stakeholders. Survey support will be provided by Ted Taggart, PLS at Wasatch Surveying. Ted has more than 40 years of survey experience, has performed thousands of surveys in the Grand Valley, and has teamed with KLJ on more than 20 projects. He's familiar with Mesa County's survey network, standards, monuments, and local challenges. HBET's Mike Berry has also worked with KLJ on more than 20 projects and has completed thousands of geotechnical investigations within the Grand Valley. New to the team is RECONN, who will provide utility locating and coordination support.





KLJ has read, understands, and agrees with the scope of work detailed in the request for proposals for this project. Accordingly, we are not repeating or paraphrasing the scope provided. KLJ's team understands, and have applied, CDOT standards to many projects, including the M-Standards for box culverts and wing walls. Below is KLJ's chronological approach to complete the scope within the Request for Proposals (RFP):

- » Award of contract.
- » Fully executed contract received .
- » Project kick-off meeting with Mesa County to verify project goals, objectives, schedule, design parameters/standards, stakeholders, anticipated geotechnical conditions, challenges, and review other potential challenges and solutions.
- » Weekly meetings and/or check-ins will be held weekly throughout the 15-week duration of the project.
- » Prepare and send right of entry letters with a brief description of the project to the six adjacent landowners.
- » Contact utility stakeholders, establish a clear line of communication, and schedule utility coordination meeting #1.
- » Hold an internal kick-off meeting with our team and subconsultants to review the project management plan, which includes the project's scope, schedule, and budget; design guides/standards; and internal/external milestone dates. Establish clear lines of communication, identify challenges, and ways to mitigate those challenges.
- » Utility coordination meeting #1 (prior to field work).



- » Immediately following receipt of Right of Entry permissions and/or Right of Entry waiting period, conduct field work:
 - > Conduct site visit with Kevin King to observe site conditions and meet with adjacent property owners
 - > Topographic survey
 - > Boundary survey
 - > Utility locates
 - > Geotechnical borings

- » Concurrent with the field work Wasatch will conduct ROW and property boundary research.
- » Create an existing conditions base map.
- » KLJ will evaluate the field data, complete a 2D horizontal layout of the proposed improvements, identify potential conflicts, removals/relocations, challenges, and ROW/easement needs. The key focus will be on minimizing impacts to utilities, private property, and ROW/easement needs. Our team will perform a field visit to verify conditions and findings.
- » Utility coordination meeting #2 to review utility conflict matrix outlining proposed impacts to existing utilities (i.e., the utility conflict matrix) and identify potential relocations/resolutions.
- » Property owner meetings #2.
- » Complete the vertical design, identify any vertical conflicts/challenges, and document design assumptions and exceptions (if any).
- » Coordinate with Mesa County regarding the potential need for any utility test-holes to confirm the vertical location of existing utilities.
- » Complete the 90 percent design deliverables, finalize the utility conflict matrix and utility relocations, execute the QA/QC plan, update design assumptions/exceptions, submit the 90 percent design package to the County for review and comment.
- » Concurrent with Mesa County review work on construction package (project specials, quantities, etc.).
- » Utility coordination meeting #3 to be held onsite and conduct a final review of utility relocations.
- » Proceed with final design with a focus on constructability, addressing comments, and quality assurance.
- » Complete the construction plans, project specials, and quantity tabulation.
- » Provide project construction support services.

Project Schedule

Mesa County's proposed project duration is from award on April 18, 2024 to issuing final deliverables on September 13, 2024. KLJ will utilize good and frequent communication with the County, stakeholders, utility companies, and property owners to avoid delays and complete the project deliverables on time. Mesa County has indicated you would

like to construct this project in fall 2024, and KLJ has the availability and motivation to help the County achieve that goal.

Utility Coordination

Utility coordination and utility conflict resolution is a challenge for any corridor improvement project. KLJ staff understand good communication and documentation are key for successfully coordinating with utility stakeholders and keeping them on schedule. KLJ has demonstrated and polished our ability to communicate and coordinate with utility stakeholders in the Grand Valley by completing several projects. We start every project by establishing clear lines of communication, facilitating a project introduction, establishing a proposed schedule, identifying utility conflicts, proposing a conflict resolution, addressing stakeholder concerns, and coordinating a final in the field utility coordination meeting to review all identified conflicts and proposed resolutions. This partnership with utility stakeholders keeps utility relocations on track and our projects on schedule.



ROW and Easement Acquisition

KLJ always strives to avoid or minimize project ROW and easement needs through thoughtful design. Given the existing ROW widths, desired improvements (i.e., minor collector section), and challenging site conditions/topography, this project will require the acquisition of ROW and easements. O Road does not appear to have deeded ROW on the northern half of the road from just east of East Reed Wash west to 16 Road. KLJ will work with Mesa County to determine the most feasible and cost-effective layout of the proposed improvements. This will include constructive conversations with adjacent landowners to keep them up to speed on the design intent, benefits of the project, and answering any questions. Once the ROW and easement needs of the project have been determined, our team will provide the County with all the legal descriptions and figures needed to support the County's ROW and easement acquisition efforts.

Project Schedule

KLJ has developed the following project schedule based on the key dates listed in the RFP: Award of Contract on April 18, 2024 and Final Construction Plans and Contract Documents due September 13, 2024. These estimated milestone dates below make for a schedule with time for design, quality assurance, County reviews, and stakeholder coordination.

| ACTIVITY | PLAN START | PLAN DURATION | WEEK | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------|---------------|---------|---------|---------|--------|---------|---------|---------|--------|---------|---------|---------|--------|--------|---------|---------|--------|---------|---------|---------|--------|--------|---|---|---|---|
| | | | 4/15/24 | 4/22/24 | 4/29/24 | 5/6/24 | 5/13/24 | 5/20/24 | 5/27/24 | 6/3/24 | 6/10/24 | 6/17/24 | 6/24/24 | 7/1/24 | 7/8/24 | 7/15/24 | 7/22/24 | 8/5/24 | 8/12/24 | 8/19/24 | 8/26/24 | 9/2/24 | 9/9/24 | | | | |
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | | | | |
| Award of Contract (4/18/24) | 1 | 1 | █ | | | | | | | | | | | | | | | | | | | | | | | | |
| Fully Executed Contract | 2 | 1 | | █ | | | | | | | | | | | | | | | | | | | | | | | |
| Kickoff Meeting (4/25/24) | 2 | 1 | | █ | | | | | | | | | | | | | | | | | | | | | | | |
| Weekly Project Meetings | 2 | 20 | | █ | | | | | | | | | | | | | | | | | | | | | | | |
| Right of Entry Letters Mailed | 2 | 1 | | █ | | | | | | | | | | | | | | | | | | | | | | | |
| Right of Entry Period | 3 | 2 | | | █ | █ | | | | | | | | | | | | | | | | | | | | | |
| Utility Coordination Meeting #1 | 3 | 1 | | | █ | | | | | | | | | | | | | | | | | | | | | | |
| Property Owner Meetings #1 | 4 | 1 | | | | █ | | | | | | | | | | | | | | | | | | | | | |
| Utility Locates | 4 | 2 | | | | █ | █ | | | | | | | | | | | | | | | | | | | | |
| Survey Field Work | 5 | 2 | | | | | █ | █ | | | | | | | | | | | | | | | | | | | |
| Geotechnical Field Work | 3 | 4 | | | | █ | █ | █ | | | | | | | | | | | | | | | | | | | |
| Survey Office Work | 5 | 3 | | | | | █ | █ | █ | | | | | | | | | | | | | | | | | | |
| Base Map (5/27/24) | 7 | 1 | | | | | | █ | | | | | | | | | | | | | | | | | | | |
| Design | 7 | 15 | | | | | | | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | █ | | | | | |
| Utility Coordination Meeting #2 | 9 | 1 | | | | | | | | | █ | | | | | | | | | | | | | | | | |
| Property Owner Meetings #2 | 9 | 1 | | | | | | | | | █ | | | | | | | | | | | | | | | | |
| 90% Design Submittal (7/22/24) | 15 | 1 | | | | | | | | | | | | | | | | █ | | | | | | | | | |
| MC Review | 15 | 2 | | | | | | | | | | | | | | | | █ | █ | | | | | | | | |
| 90% Design Meeting (8/12/24) | 17 | 1 | | | | | | | | | | | | | | | | | | █ | | | | | | | |
| Utility Coordination Meeting #3 | 17 | 1 | | | | | | | | | | | | | | | | | | | █ | | | | | | |
| Property Owner Meetings #3 | 17 | 1 | | | | | | | | | | | | | | | | | | | | █ | | | | | |
| Construction Plan, Project Specials, Quantities | 15 | 7 | | | | | | | | | | | | | | | | | | | | █ | █ | █ | █ | █ | █ |
| Issue Project Deliverables (9/13/24) | 21 | 1 | | | | | | | | | | | | | | | | | | | | | | | | █ | |

QUALITY ASSURANCE METHODS



KLJ's success as a firm is tied to continually and consistently providing cost-effective quality engineering and exceptional client service. KLJ utilizes Bluebeam as our main QA/QC tool. A Bluebeam Studio Session allows KLJ, clients, and stakeholders to review, comment, and see other's comments in real time. The session tracks comments, allow individuals to see all comments made by the group, allows reviewers to reply to comments or add notes, mark comments as accepted or rejected during review

meetings with the County, mark accepted comments as complete, and finally mark completed comments as checked during our final QA/QC review. This process will be documented and available for the County to reference, review, and file as part of the project. Our quality assurance process will be documented in a letter provided to the County with the project deliverables. Several of our existing clients consider this process their gold standard for reviews and quality assurance.



| TASK | Senior Project Manage | Project Manager | Engineer | Engineer in Training I | Engineer | Engineer | CAD Technician II | Project Assistant I | Direct Labor Subtotal | Subconsultant Fee | Task Total |
|---|-----------------------|-----------------|--------------|------------------------|---------------|---------------|-------------------|---------------------|-----------------------------------|--------------------|---------------------|
| | Marc Kenney | Rebecca Atkins | Jon Martinez | Rebekah Schaumann | Wade Thompson | Jordan Gerber | TBD | TBD | | | |
| | \$288.00 | \$234.00 | \$179.00 | \$114.00 | \$179.00 | \$179.00 | \$108.00 | \$74.00 | | | |
| PROJECT MANAGEMENT | | | | | | | | | | | |
| Project Management and Coordination | 2 | 10 | 10 | | | 2 | | 10 | \$5,804.00 | | \$5,804.00 |
| Schedule Tracking | | 3 | | | | | | | \$702.00 | | \$702.00 |
| Subtotal | 2 | 13 | 10 | | | 2 | | 10 | \$6,506.00 | | \$6,506.00 |
| DATA COLLECTION | | | | | | | | | | | |
| Pre-survey Conference | | 2 | 2 | | | | | | \$826.00 | | \$826.00 |
| Right of Entry | | 1 | | | | | | 3 | \$456.00 | | \$456.00 |
| Field Visit | | | 2 | 2 | | | | | \$586.00 | | \$586.00 |
| Field Tasks Coordination | | 8 | | | | | | | \$1,872.00 | | \$1,872.00 |
| Base Map | | | 4 | 8 | | | | | \$1,628.00 | | \$1,628.00 |
| Subtotal | | 11 | 8 | 10 | | | | 3 | \$5,368.00 | | \$5,368.00 |
| DESIGN AND MEETINGS | | | | | | | | | | | |
| Horizontal Elements (road + box + removals) | | | 8 | 16 | | | | | \$3,256.00 | | \$3,256.00 |
| Vertical/Grading | | | 24 | 40 | | | | | \$8,856.00 | | \$8,856.00 |
| Structural (Box and Walls) | | 2 | | | | 40 | | | \$7,628.00 | | \$7,628.00 |
| ROW and Easement Figures + Acquisition Support (only required for three properties) | 2 | | 3 | 9 | | | 24 | | \$4,731.00 | | \$4,731.00 |
| Utility Conflict Resolution/Relocation | | 2 | 8 | 24 | | | | | \$4,636.00 | | \$4,636.00 |
| Deliverables and Construction Package (Plans, Specials, Quantities) | | 8 | 40 | 80 | | | | | \$18,152.00 | | \$18,152.00 |
| 90% Review Meeting | 1 | 3 | 1 | | | | | | \$1,169.00 | | \$1,169.00 |
| Quality Assurance | 8 | 8 | 8 | | 4 | | | | \$6,324.00 | | \$6,324.00 |
| Property Owner Coordination/Meetings | | 12 | | | | | | | \$2,808.00 | | \$2,808.00 |
| Project Meetings (agendas, meetings, minutes) | | 40 | | | | | | | \$9,360.00 | | \$9,360.00 |
| Utility Coordination and Meetings | | 12 | | | | | | | \$2,808.00 | | \$2,808.00 |
| Subtotal | 11 | 87 | 92 | 169 | 4 | 40 | 24 | | \$69,728.00 | | \$69,728.00 |
| CONSTRUCTION PHASE SUPPORT | | | | | | | | | | | |
| Construction Meetings (five meetings) | | 5 | | | | | | | \$1,170.00 | | \$1,170.00 |
| Construction Observation | | | 8 | 20 | | | | | \$3,712.00 | | \$3,712.00 |
| Shop Drawing Review/Approval (since MC is self performing, assume five submittals) | | 1 | 2 | 10 | | | | | \$1,732.00 | | \$1,732.00 |
| Technical Assistance | | 4 | 4 | 10 | | | | | \$2,792.00 | | \$2,792.00 |
| Subtotal | | 10 | 14 | 40 | | | | | \$9,406.00 | | \$9,406.00 |
| SUBCONSULTANTS | | | | | | | | | | | |
| Geotechnical (HBET) | | | | | | | | | | \$4,725.00 | \$4,725.00 |
| Survey (Wasatch) | | | | | | | | | | \$9,765.00 | \$9,765.00 |
| Utilities (RECONN) | | | | | | | | | | \$2,979.90 | \$2,979.90 |
| Subtotal | | | | | | | | | | \$17,469.90 | \$17,469.90 |
| TOTAL | 13 | 121 | 124 | 219 | 4 | 42 | 24 | 13 | 560 Hours; \$91,008.00 | \$17,469.90 | \$108,477.90 |

✓ **Client:** Mesa County, CO
Project: Clifton 1st Street Reconstruction, Loma Sidewalk, and Riverfront Trail Analysis of Alternatives
Contact: Erik Borschel, Staff Engineer
Address: 200 Spruce Street, Grand Junction, CO 81501
Phone: 970-255-7190

✓ **Client:** City of Grand Junction, CO
Project: Transportation Capacity Improvements
Contact: Kenneth Haley, PE, Engineering Manager
Address: 244 North 7th Street, Grand Junction, CO 81501
Phone: 970-244-1543

✓ **Client:** City of Delta, CO
Project: Hillside Street Reconstruction
Contact: David Hood, City Engineer
Address: 360 Main Street, Delta, CO 81416
Phone: 970-874-7903 ext. 222

✓ **Client:** Ouray County, CO
Project: Corbett Creek Crossing, On-call Engineering
Contact: Ty Barger, Superintendent
Address: 115 Mall Road, Ridgway, CO 81432
Phone: 970-626-4439

✓ **Client:** Huerfano County, CO
Project: Huerfano River Bridge Replacement
Contact: Carl Young, County Administrator
Address: 401 Main Street, Walsenburg, CO 81089
Phone: 719-783-3000

✓ **Client:** City of Steamboat Springs, CO
Project: Pine Grove Road Reconstruction
Contact: Bjorn Utu, PE, Civil Engineer
Address: PO Box 775088, Steamboat Springs, CO 80477-5088
Phone: 970-871-8273

> APPENDICES

RESUMES

ATTACHMENT A: SCHEDULE OF PAYMENT

ATTACHMENT B: HOURLY RATE SCHEDULES

ATTACHMENT C: SCHEDULE OF FEES

ATTACHMENT D: FINANCIAL AND EXCEPTIONS STATEMENT

ATTACHMENT E: INSURANCE CLARIFICATION

SIGNED ADDENDA

REBECCA ATKINS, PE



YEARS OF EXPERIENCE

13 Years

REGISTRATION

Professional Engineer –
CO

EDUCATION

BS Civil Engineering
– Colorado School of
Mines

PROJECT MANAGER/PRIMARY POINT OF CONTACT/UTILITY COORDINATION

Rebecca is a licensed civil professional engineer in Colorado. She grew up in Mesa County and is dedicated to helping local communities engineer solutions that improve the quality of life for their residents. Rebecca brings to the team more than 13 years of experience in land development and municipal projects.

Relevant Experience

Project Manager | Riverfront Trail Connection Alternatives Analysis | Mesa County, CO

The Riverfront Trail is one of the Grand Valley's most beloved recreation amenities and serves as a link between Grand Valley communities. This project includes an alternative analysis to determine the ultimate route from its terminus at 33½ and D½ Roads to 36¼ Road and the Town of Palisade, connecting Clifton to Palisade. KLJ will work with the County and stakeholders to determine alignment options then create a decision matrix to rank options. KLJ is providing project management, base map preparation, community and stakeholder involvement, and final alternative options. The project kicked off in November 2023 with an estimated completion in May 2024.

Project Manager | Loma Elementary Sidewalk Project | Mesa County, CO

Loma Elementary is located on Highway 139 in Mesa County. Mesa County hired KLJ to develop a 30 percent set of plans, obtain CDOT environmental and ROW Clearance and assist in writing a Safe Routes to School grant.

Project Engineer | Orchard Avenue Reconstruction from 29 to 29½ Road | Mesa County, CO

Rebecca designed roadway plan and profiles for reconstruction and widening of Orchard Avenue for Mesa County. Work included access management and stakeholder communication. Construction plans included design of a stormwater collection system. She also developed construction specifications and assisted Mesa County during bidding.

Project Manager | Transportation Capacity Improvements | Grand Junction, CO

KLJ was retained by the City of Grand Junction to design roadway capacity improvements for 26½ Road from Horizon Drive to G Road and F½ Road from 30 Road to Lewis Wash. As the assistant project manager for this project, Rebecca is responsible for the management of design and production staff to ensure project deadlines are met. This project includes project coordination, data collection, full design of roadways with increased capacity including drainage, lighting, utility coordination, permitting, construction plan production and bidding services for the City.

Project Manager | Pine Grove Road Reconstruction | Steamboat Springs, CO

KLJ is designing multimodal improvements and reconstruction of Pine Grove Road from US 40 to Mt. Werner Road in Steamboat Springs. Pine Grove Road is one of the city's primary commercial corridors for residents and visitors to the area. The road sees significant traffic volumes with high turning movements at many access points during peak hours. The project entails reconstruction of the roadway, sidewalk extensions, pedestrian crossings, multimodal improvements for transit/bike/pedestrian, stormwater improvements, property acquisition, and public engagement. The project is being designed and constructed over two construction seasons with a Phase I and Phase II approach.



MARC KENNEY, PE, CFM



YEARS OF EXPERIENCE

27 Years

REGISTRATION/ CERTIFICATION

Professional Engineer –
CO, WY, UT, NM, ND

Certified Floodplain
Manager (CFM)

Certified Professional
in Stormwater Quality
(CPSWQ)

Certified Professional in
Erosion and Sediment
Control (CPESC)

EDUCATION

ME Civil Engineering;
BS Civil Engineering,
Concentration in
Environmental
Engineering – Clarkson
University

AS – Sullivan County
Community College

CLIENT MANAGER / ASSISTANT PROJECT MANAGER / QA/QC LEAD

Marc is a licensed civil professional engineer in Colorado, Wyoming, Utah, New Mexico, and North Dakota with 27 years of private and public work experience in hydrology, hydraulics, transportation, and environmental engineering. His focus over the past 15 years has been projects located in the western United States and he has been a part of several successful infrastructure projects involving detailed drainage, hydrology, and hydraulic design.

Relevant Experience

Project Manager | Mesa County Clifton 1st Street Reconstruction | Clifton, CO

The project is a reconstruction and improvement of 1st Street from Grand Avenue to Front Street and construction of Grand Avenue from 1st Street to 2nd Street. The project featured new street alignment to minimize ROW impacts to surrounding landowners, utility relocations, and improve alignment of the 1st Street, Front Street, and 32½ Road intersection. Marc kept open lines of communication with the Mesa County team, coordinated with CDOT regarding improvements for their adjacent Highway 6 project, met with landowners, and coordinated public meetings. Challenges included limited ROW acquisition, dense utilities, working with utility providers/stakeholders on solutions to utility conflicts, working with adjacent landowners, and safely meeting vehicular and pedestrian requirement/needs.

Client Manager | South Camp Road Shoulder Widening | Mesa County, CO

KLJ was retained to design five-foot shoulders on either side of South Camp Road to facilitate the high volume of cycling traffic along the Tour of the Moon cycling route. Improvements were made to the intersections of South Camp and East Fallen Rock and Rimrock Drive. Specifically, the multi-use path that parallels South Camp was being realigned to increase the visibility and safety of the intersections. This project will improve slope stability along the roadway and bring the design into compliance with ADA and clear zone safety requirements.

Design Engineer | Cameo Roadway Improvements | Grand Junction, CO

The Cameo Roadway improvements project included roadway, intersection, and drainage design. Roadway improvements required coordination with multiple agencies including Mesa County, Colorado Department of Parks and Wildlife, and the Bureau of Land Management (BLM). Marc's responsibilities included drainage analysis of the Coal Canyon Major Basin, hydraulic design of the structure crossing the Coal Canyon drainage (twin box culverts), and coordination with the structural engineer, detailed drainage analysis, and preliminary layout and design of the roadway and intersections.

Client Manager/Project Principal | Transportation Capacity Improvements | Grand Junction, CO

KLJ teamed with Horrocks Engineers to provide services for their transportation capacity improvement project of four road sections to increase capacity, safety, and function. Services included roadway design, drainage design, traffic engineering, lighting and signalization, and utility coordination.

Client Manager/Quality Assurance / Client Manager | Riverfront Trail Connection Alternatives Analysis | Mesa County, CO

The Riverfront Trail is one of the Grand Valley's most beloved recreation amenities and serves as a link between Grand Valley communities. This project includes an alternative analysis to determine the ultimate route from its terminus at 33½ and D½ Roads to 36¼ Road and the Town of Palisade, connecting Clifton to Palisade. KLJ is working with the County and Stakeholders to determine alignment options and then create a decision matrix to rank options. KLJ will provide project management, base map preparation, community and stakeholder involvement, and final alternative options. The project kicked-off in November 2023 with an estimated completion in May 2024.



JON MARTINEZ, PE



YEARS OF EXPERIENCE

15 Years

REGISTRATION

Professional Engineer
– CO

EDUCATION

BS Civil Engineering; BS
Economics – Colorado
School of Mines

DESIGN LEAD

Jon is a licensed civil Professional Engineer in the State of Colorado. A native to Grand Junction and Colorado's Western Slope, he also has career roots in Phoenix, AZ and Colorado's Front Range, including Colorado Springs and the Denver Metro Area. With more than 15 years of engineering and design experience, Jon brings a strong background in drainage, roadway design, and civil site design to the KLJ team.

Relevant Experience

Project Design | Silver Spur Subdivision Filings 1 and 2 | Grand Junction, CO

The project involved the subdivision of a 13.25-acre land plot and the development of a new 73-lot neighborhood consisting of single-family homes, supporting ROW, and all necessary underground utilities. Jon's responsibilities included the layout and design of the proposed lots, local roadways, site grading, underground utilities, surface drainage design, and Drainage Report/Stormwater Management Plan (SWMP) preparation.

Project Design | E Road Improvement Project | Mesa County, CO

The project involved corridor widening, drainage improvements, and the addition of a median to the E Road corridor from 30 Road to 32 Road in Mesa County, CO. Jon's responsibilities involved surface runoff analysis and drainage report preparation, including analysis and design support for replacement of the E Road Lewis Wash Bridge at the intersection of 31 Road. Other duties included site grading, utility conflict identification and resolution, roadway design support, general design, and drafting support.

Project Design | CDOT R5, CDOT R5 US 550 – Task 1 | Colorado

The project involved the design and procurement of ROW plans for improvements to a 12-mile stretch of roadway from a two to four-lane facility along the US 550 corridor, beginning at the New Mexico state line and heading north. The project also included the replacement of the Animas River Bridge, and the design of a new pedestrian bridge over the US 550 corridor. Jon's responsibilities included aiding in the layout

and design of the proposed widening improvements, while also providing drainage and irrigation design support and coordination.

Project Design | Cripple Creek and Victor Mining Company, CDOT SH-67 Re-Alignment and Drainage Support | Teller County, CO

As a project designer, Jon provided drainage report and engineering services required for re-alignment of SH-67 on the west side of the CC&V Mining Company just south of the Town of Cripple Creek, CO. Future mining operations required the widening and re-alignment of SH-67 to accommodate a proposed berm that acts as a bridge across a valley, while effectively reducing roadway length by approximately a half mile.

Project Design | Arizona Department of Transportation (ADOT) SR 801 from SR 303L to SR 202L | Maricopa County, AZ

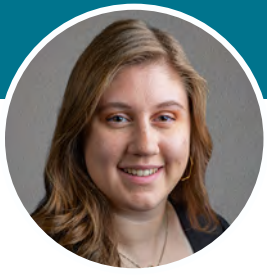
The project involved 30 percent plan submittal of the proposed alternatives for SR 801 from SR 303L to SR 202L through the cities of Phoenix, Avondale, and Buckeye. Jon's responsibilities included design storm runoff analysis, on-site and off-site drainage conveyance design, impact analysis to existing and proposed developments and structures, compatibility with regional drainage master plan elements, evaluation of problematic drainage features, stormwater treatment, cost estimation, and report preparation.

Project Design | Cortessa LLC, Cortessa Master Planned Community – Preliminary, Final, and Master Drainage Reports | Unincorporated Maricopa County, AZ

The project involved a 613-acre private development site with 1,732 residential properties of various densities and two commercial properties. As a project designer, Jon's responsibilities included flow quantification, analysis and design of on-site and off-site drainage conveyance, detention basin and drywell design, street conveyance design, inlet location and sizing, storm drain design, hydraulic modeling, Stormwater Pollution Prevention Plan (SWPPP) preparation and Best Management Practice (BMP) layout, cost estimation, generate supporting tables and exhibits, and preparing reports.



REBEKAH SCHAUMMANN, EIT



YEARS OF EXPERIENCE

1 Year

REGISTRATION

Engineer in Training – NY

EDUCATION

BS Environmental
Engineering – Clarkson
University

ROADWAY DESIGN AND DRAINAGE

Rebekah is an Engineer in Training who joined KLJ in June 2023. She has been highly involved with municipal projects dealing with roadway design, surface grading, and plan development.

Relevant Experience

[Trail Route Alternatives Analysis Support | Riverfront Trail Connection Alternatives Analysis | Mesa County, CO](#)

The Riverfront Trail is one of the Grand Valley's most beloved recreation amenities and serves as a link between Grand Valley communities. This project includes an alternative analysis to determine the ultimate route from its terminus at 33½ and D½ Roads to 36¼ Road and the Town of Palisade, connecting Clifton to Palisade. KLJ is working with the County and Stakeholders to determine alignment options and then create a decision matrix to rank options. KLJ will provide project management, base map preparation, community and stakeholder involvement, and final alternative options. The project kicked-off in November 2023 with an estimated completion in May 2024.

Design Engineer | Loma Elementary School Sidewalk | Loma, CO

Mesa County wants to add a sidewalk along Rte. 139 to improve pedestrian access to the elementary school. Rebekah designed the alignment, cross sections, and grading for a new sidewalk along a 3,800-foot stretch of Rte. 139. She created the 30 percent package sheets for submittal. Rebekah also created a Statement of Approximate Quantities and an Engineer's Opinion of Probable Cost.

Design Engineer | Caerus M12 Oil Pad Redesign | Loma, CO

Rebekah redesigned the well pad surface using new dimensions in Civil 3D. This included the reclamation plan and verifying earthwork calculations. She created the equipment layout on the pad and sized topsoil stockpiles and storm water holding ponds.



JORDAN GERBER, PE



YEARS OF EXPERIENCE

10 Years

REGISTRATION/ CERTIFICATION

Professional Engineer –
CO, MN, MT, ND, SD,
WI, WY

National Highway
Institute (NHI) Certified
Bridge Inspector

NHI Fracture Critical
Inspection Certified

EDUCATION

BS Civil Engineering
– North Dakota State
University

STRUCTURAL DESIGN LEAD

Jordan is an engineer with 10 years of experience in highway and rail bridge design and inspection. His core practice area is structural engineering, specifically bridge design. Jordan has worked on a variety of bridge projects, including precast concrete and steel girder bridges, historic trusses, and slab bridges. He has led the implementation of advanced bridge design software to provide the best project and solutions for our clients. Jordan has used finite element software to thoroughly model both new and rehabilitation projects. These projects have consisted of both straight and skewed bridges, trusses, as well as construction sequencing analysis. He has performed in-depth inspections of girder and truss bridges, with special focus on gusset plates and stiffeners.

Relevant Experience

Structural Engineer | Huerfano River Bridge Rehabilitation, Huerfano County | Gardner, CO

KLJ replaced a structurally deficient 19-foot-4-inch wide, 24-foot single-span bridge with a new 20 by 10-foot CDOT standard concrete box culvert with wingwalls. A structure type alternatives analysis determined replacement of the existing structure was more practical than rehabilitation. The project is funded through the Federal Bridge Off-System Program (BRO) and is being managed in accordance with CDOT's Local Agency process. The project includes collection of existing site data; site exploration and testing; utility, ROW, environmental clearances, and permitting.

Assistant Structural Lead | Trunk Highway (TH) 52 Design-Build | Cannon Falls/Zumbrota, MN

Jordan has been serving as the assistant structural lead on KLJ's TH 52 Design-Build project. The project consists of six vehicular bridges, two box culverts, and a noise wall. Jordan led the structural design on several of the bridges. This project is currently under construction, with design of the last structure nearly complete. Jordan partnered with the contractor and Minnesota Department of Transportation (MnDOT) to design and detail bridges that meet the project requirements and allow the contractor to complete their work in time.

QC/Load Rating Engineer | 2014-2017 Montana Department of Transportation (MDT) Term Bridge Load Rating | Montana

KLJ conducted multiple box culvert and bridge load ratings culverts as part of KLJ's term contract with MDT. Jordan performed load rating or QC for multiple box culverts as part of the project team. He also provided QC in KLJ's modification and updating of an aluminum box culvert spreadsheet for MDT.

Structural Engineer | BRO-0034(033), Bridge Replacement | Pembina County, ND

The federal aid rural project consisted of hydraulics and hydraulics study, permitting, and design of a precast double cell 14 by 5 by 44-foot reinforced concrete box culvert.

Design Engineer | CBP-0045(16)01 | Stark County, ND

The project consisted of replacing an existing bridge with a 20 by 12 by 88-foot reinforced concrete box culvert skewed at 40 degrees to the roadway. The project included hydraulic sizing, structure design, and incidentals.

Structural Designer | Minot City Hall Retaining Wall Improvements | Minot, ND

The rock slope surrounding Minot City Hall had moved in several places, causing exposed cracks between the slope and sidewalks, and needed replacement. The City selected KLJ to perform preliminary, design, and construction of retaining walls to replace the failing slope. KLJ analyzed the existing slope protection around the City Hall/Municipal Auditorium complex. Geotechnical and slope stability analysis was performed to develop several retaining wall options. To minimize potential for future wall maintenance costs, KLJ evaluated regrading of the parking lots where practical to alleviate drainage issues around the project area, which resulted in additional parking spaces, access roads, or green spaces for City Hall. Work also involved construction engineering, surveying and as-builts. Jordan provided the retaining wall structural design, plan production, project estimates, and construction document development.





WADE THOMPSON PE

YEARS OF EXPERIENCE

13 Years

REGISTRATION/ CERTIFICATION

Professional Engineer –
CO, ND, SD, MT, MN

National Highway
Institute (NHI) Certified
Bridge Inspector

EDUCATION

BS Civil Engineering
– University of North
Dakota

STRUCTURAL DESIGN QA/QC

Wade will provide QA/QC for this structural project. He has more than 13 years of engineering experience, including structural design, roadway design, project management, construction management, and client management. Wade's design experience ranges from historical bridge rehabilitation to prestressed concrete bridges and long-span steel bridges. He has been involved in all facets of project progression from preliminary planning to project construction and close out. Wade's experience includes providing QA/QC and serving as project manager for County structures projects, as well as projects for Departments of Transportation (DOT).

Relevant Experience

Project Manager | North Dakota Department of Transportation (NDDOT) State Bridge Replacements | Various Locations Throughout North Dakota

KLJ is leading the design efforts for five structure replacements throughout North Dakota. The replacements vary from corrugated steel pipes to multicell reinforced concrete box culverts. The replacements convey state highways over the waterway and maintenance of traffic during construction is critical to avoid significant detours to the traveling public. The project included multiple public input meetings and agency coordination along with the fieldwork, hydraulics, and structure design components.

Project Manager | BRJ-0018(041), BRJ-BRO-0018(039), and BRP-1800(022), Bridge Bundle | Grand Forks County, ND

KLJ was selected to perform preliminary and design engineering for a bundle of federal aid projects, including removal of one structure; replacement of four bridges with culverts or low water crossings and four bridges with box culverts; and one bridge replacement. The project work includes survey, environmental, cultural, structural, and roadway design.

Design Engineer | Burleigh County Bridge Bundling | Burleigh County, ND

This project included two bridge replacements with box culverts at two separate locations bundled into one environmental document and plan set for efficiency. KLJ performed the preliminary engineering and environmental documentation, design and plan preparation, ROW acquisition, and construction engineering services for the replacement of both structures. KLJ worked actively to acquire the additional ROW and worked closely with the property owner to accommodate his concerns in order to ensure a product that everyone was happy with. Wade's responsibilities included structural design of both box culverts.

Structural QA/QC | North Dakota Department of Transportation (NDDOT)/MnDOT Climax Bridge Replacement | Trail County, ND and Polk County, MN

The Climax Bridge project includes replacement of a 760-foot-long bridge over the Red River of the North and roadway realignment. The 910-foot-long replacement structure is a three-unit steel plate girder bridge. Due to the excessive slope instability, the bridge substructures are designed to accommodate several feet of movement. The approach units are fixed at the abutments and utilize hinged steel piers that can accommodate the movement of the riverbanks without compromising pier functionality. The center unit consists of a 75-foot-tall concrete pier in the center of the river. The roadway realignment allows the structure to be built adjacent to the existing structure, allowing traffic to be maintained during construction. The new alignment also provides added safety measures when intersecting with a state highway.

Project Manager | BRP-CVD-5000(015), Walsh County Bridge Replacement

Wade was the project manager for the construction project replacing three bridges at three different sites. The replacements consisted of a two-span 132-foot bridge, 15-foot aluminum box culvert, and a 32-foot aluminum box culvert. The bridge replacement site included a temporary traffic bypass and pavement tie-ins. The project was constructed in 2023.



MIKE BERRY, PE

YEARS OF EXPERIENCE

27 Years

REGISTRATION

Professional Engineer –
CO, UT

EDUCATION

MS Engineering
Management; MS Civil
Engineering – Drexel
University

BS Geological
Engineering – Colorado
School of Mines

GEOTECHNICAL/RETAINING WALL

Mike has worked more than 27 years as a geotechnical engineer. He has performed various calculations and computerized analyses for shallow and deep foundations, retaining walls, bridge substructures, slopes, landfills, infiltration structures, dams, and water supply facilities. Mike's responsibilities include scoping, contracting, coordinating, and directing subsurface investigations, geotechnical instrument installation, and geophysical investigations. He has performed geophysical investigations for geotechnical and environmental purposes, including data collection, data processing, and interpreting results. Mike has been responsible for conducting Phase I, Phase II, and Phase III environmental site assessments, waste characterization, and remedial design. His other responsibilities include conducting groundwater studies for geotechnical and environmental purposes. Mike has managed subsurface investigations, instrument installation, and geophysical investigations and has supervised and directed operations of geophysical, drilling, excavating, and grouting contractors. He has written many detailed geotechnical, geological, hydrologic, and environmental reports and specifications.

Professional Affiliations

- » American Society of Civil Engineers
- » Western Colorado Contractor's Association
- » Colorado Association of Geotechnical Engineers

Publications

- » Byle, M. J., C. M. Benedict, A. G. Mouradian, and M. A. Berry. "3-D Seismic Tomography for Investigating Karst." *Proceedings of 12th Pan-American Conference on Soil Mechanics and Geotechnical Engineering*, Cambridge, MA, June 22-26, 2003.
- » Berry, M. A., M. J. Byle, and T. F. Haider. "Wastewater Trickling Filter Sinkhole Remediation with Limited Mobility Displacement Grouting." *Foundations and Ground Improvement: Proceedings of Sessions of 2001 A Geo-Odyssey*, Blacksburg, VA, June 9-13, 2001. American Society of Civil Engineers (ASCE) Geotechnical Special Publication No. 113, pp. 89-101.

Professional History

- » Huddleston-Berry Engineering and Testing, LLC
- » Western Colorado Testing, Inc
- » Gannett Fleming, Inc
- » Berkshire Environmental, Inc



Huddleston-Berry
Engineering & Testing, LLC



BEN PEREZ

YEARS OF EXPERIENCE

15 Years

REGISTRATION/ CERTIFICATION

NASSCO Pipeline
Assessment Certification
Program

EDUCATION

BA Economics –
Colorado State
University

SUE

Ben and his team have worked on more than 500 QLB jobs in and around Colorado, with a heavy focus on the Denver Metro Region. He has helped set standards for ROW permitting and processes prior to SUE requirements throughout the state of Colorado. Ben's focus is on negotiating contracts, project viability, setting expectations, project management, and continuing to push innovation.

Relevant Experience

SUE | Fiber Mapping for CDOT | Colorado

In October of 2015, RECONN was approached by CDOT to help them update some fiber mapping in Region 1. During this time, RECONN assisted with data collection for Region 1 Traffic and Intelligent Transportation System (ITS) sides. They also continue to work closely with CDOT and their engineers performing SUE services.

SUE | Douglas County Projects | Douglas County, CO

RECONN performed more than eight miles of QLB services. These services started with QLD and QLC data collection and documentation. They worked with the County on access and keeping ROW clean of impact. RECONN worked with an engineer on processes to get projects reviewed and stamped in an aggressive time frame.

SUE | Xcel Energy Projects | Colorado

These projects encompassed design locating and designating along with test holes on all facilities being crossed or thought to be in conflict of proposed horizontal direction drilling (HDD). The project ranged for more than 50 miles through public and private land. RECONN helped project manage subcontractors, and deal with land access and all facility owners with in a very difficult scope. They used multiple methods of designating to find unlocatable utilities, including, but not limited to, Ground Penetrating Radar, ElectroMagnetic induction, and Hydro Excavating.

SUE | Denver Water Projects | Denver, CO

RECONN has had a great legacy working with Denver Water going back to 2012. They provide VacEX/pothole services on all main replacements with a heavy emphasis on Damage Prevention. RECONN has supported their Engineering team on design projects and infrastructure maintenance. They helped develop the lead reduction program through a pilot and continue to support the effort daily. With an ever-changing environment in Colorado and on-call support 24/7/365, RECONN knows they have what it takes to address challenges.

TED TAGGART, PLS

YEARS OF EXPERIENCE

46 Years

REGISTRATION

Professional Land
Surveyor – CO, UT, WY,
NV

SURVEY

Ted is a licensed professional land surveyor in four states with 46 years of work experience in all types and aspects of land surveying, including ROW, topographic, ALTA, and construction surveys. He works on field surveying and office design of roads, pipelines, subdivisions, boundary lines, public land survey retracement, and highway ROW. Ted has resided and worked in Western Colorado since 2002.

Relevant Experience

Surveyor | Wyoming Department of Transportation (WYDOT) | Wyoming

Projects included: Evanston Streets East Section; Evanston Streets 6th Street/Lombard Street Reconstruction; Blacks Fork Canal Bridge; I-80 Church Buttes Interchange; Carter Road ROW; Evanston South Road ROW; Teton Pass Centerline; I-80 Patrick Draw ROW; and WYO 351 Big Piney Cutoff Road ROW.

Surveyor | Water Treatment Facility | Collbran, CO

Ted worked on the survey and mapping of a water treatment facility boundary and road ROW.

Surveyor | South Camp Road Shoulder Improvements Project | Grand Junction, CO

Ted is working on boundary, control, and topographic survey for the road improvement project.

Surveyor | Various Projects | Evanston, WY

Ted worked on various projects for the city, including boundary and topographic survey of an old UPRR roundhouse property; County Road reconstruction and 9th Street underpass reconstruction; Evanston water transmission line; and Evanston High School football field and track reconstruction.

Surveyor | Medved Global | Pitkin County, CO

Ted worked on the Prince Creek Campground. He completed the construction survey of two campgrounds, including camp sites and parking areas.

Surveyor | Bear Lake | Garden City, UT

Ted worked on the Bear Lake Bike Pathway project, which included boundary and construction surveying.

Surveyor | Sage Solar Site | Rich County, UT

This was a 640-acre solar site in which Ted completed boundary, topography, construction, and as-built surveying.

Surveyor | Gas Well Locations and Associated Facilities | Mesa, Garfield, and Rio Blanco Counties, CO

Ted completed the necessary survey work for these locations.

Surveyor | San Juan, Sandoval, and Rio Surveyor | Arriba County, NM

Ted managed the field surveying and office personnel throughout all phases of surveying and platting of well pads, pipelines, roads, and other related facilities pertaining to oil field operations.



SIGNED ADDENDA



DEPARTMENT OF PUBLIC WORKS
Administration - Engineering – Road and Bridge
Traffic - Fleet Management - Solid Waste Management

200 S. Spruce St • P.O. Box 20,000 • Grand Junction, Colorado 81502-5013
Ph (970) 244-1765 Fax (970) 255-7171

March 27, 2024

Addendum No. One
RFP-24-03159-O-16.1
Mesa-O-16.1 Box Culvert Replacement

This amendment to the Request for Proposals for the above referenced project supersedes all contrary and conflicting information which is hereby supplemented or revised in certain particulars as follows:

Questions:

1. On page 12/50 the total number of meetings anticipated is not filled in, can you please provide the total number of anticipated meetings. Following the anticipated required meetings listed following the paragraph there are 6 landowners and dependent upon the character of the project work use 40 meetings.
2. On page 12/50 MC states design review meetings as necessary, can the County elaborate? We'll meet as needed or requested. Does the County anticipate needing a 30% design review or 60% design review, or both? We won't require formal 30% or 60% submittals but can meet informally for questions or review as needed.
3. On page 12/50 meetings with adjacent property owners (3ea) – can the County elaborate, there are three adjacent property owners to the existing crossing, so is the County anticipating one meeting with each for three meetings total, or three meetings each for nine meetings total? How long should we assume for each meeting? Three per 6 landowners to explain project and ROW need. There's also a development in progress that may necessitate a development coordination meeting.
4. On page 12/50 the proposal says the onsite meeting with utility companies is to be before the 90% design to determine the status of removals. On page 20/50 under Utility Relocation Coordination that implies that the onsite meeting is after the 90% design review, not before. The latter makes more sense, but can the County please confirm/clarify? You'll need to meet with utilities to determine necessity for relocations or avoidance, (utility coordination, page 17) and for a final meeting with utilities at 90% to finalize design coordination and schedules.



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5. Can Mesa County please verify the length of time required for County review at the intermediate design review stage(s)? Is this the typical 2-weeks? Yes. Of the 13 weeks stated in the design phase duration (page 21/50) how many of those weeks will be utilized by the County for review? If there are two design reviews, then four weeks will be utilized by the County, the ROE takes two weeks, and data collection is at least 1 week, which would only leave six weeks to complete the design. We believe six weeks is over-optimistic to complete the required stakeholder coordination, finalize all design elements, prepare multiple submittals for review, and perform necessary quality checks. Is there any flexibility regarding Mesa County’s July 26th deadline and/or Mesa County’s review periods (number and duration)? Yes, but we want to construct fall of 2025. We wouldn’t anticipate the consultant would need to stop work during a review period. What is the driving factor behind such a short project duration, and what is the county hoping to gain from such a short duration?

6. Would the County award this project as a lump sum instead of hourly not to exceed? No Page 34/50 second paragraph, first sentence notes lump sum as a potential method of payment. Lump sum would simplify billing, reduce budget risk to the County, and would incentivize consultant efficiency. Page 34 is an acknowledgement of the County's right to reject and waive informalities.

Changes:

Section 1.15 SCHEDULE OF EVENTS. Change “Final Construction Plans and Documents Due” from July 26, 2024 to September 13, 2024.

Section 4.0 EVALUATION CRITERIA. Eliminate the second paragraph, “Proposals will be evaluated on the criteria listed above. The firm’s with the highest scores will then proceed for further evaluation which will include the design fee.” and replace with “Proposals will be evaluated on the criteria listed above with the Cost Proposal being weighted at 30% and all the other criteria weighted combined at 70%.”

Clarifications:

When calculating a balanced condition for the box culvert use a flowing full condition.

Civil 3D Drawing of the Right of Way Map will be provided to the selected consultant.



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This project does not involve a construction contract with a private entity. Therefore a stamped Subgrade Utility Plan will not be required. Follow the utility requirements in the Request for Proposals.

All remaining requirements of the Request for Proposals remain unchanged.

Provided By:

A handwritten signature in blue ink that reads "Kevin King".

Kevin King, Senior Engineer, Mesa County

Enc: Non Mandatory Pre Proposal Attendance list

A handwritten signature in black ink that reads "Mimi J. Kenney".

03/29/2024

Acknowledged By

Please note that as stated in Section 1.7 of the Request for Proposals a copy of this addendum, signed as acknowledged, must be included with your proposal. Failure to include a signed copy may result in rejection of your proposal.

ENGINEERING, REIMAGINED
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APRIL 2024

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EOE/M/F/VET/DISABILITY