





CITY OF GRAND JUNCTION, COLORADO

\*\*\*\*\*

CONTRACT

This CONTRACT made and entered into this 17<sup>th</sup> day of November, 2022 by and between the City of Grand Junction, Colorado, a government entity in the County of Mesa, State of Colorado, hereinafter in the Contract Documents referred to as the "Owner" and JVA, Inc. hereinafter in the Contract Documents referred to as the "Contractor."

WITNESSETH:

WHEREAS, the Owner advertised that sealed Responses would be received for furnishing all labor, tools, supplies, equipment, materials, and everything necessary and required for the Project described by the Contract Documents and known as **Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-5112-22-KH**

WHEREAS, the Contract has been awarded to the above named Contractor by the Owner, and said Contractor is now ready, willing and able to perform the Work specified in the Notice of Award, in accordance with the Contract Documents;

The Owner reserves the right to make multiple awards to proposers that are responsive and responsible to this solicitation process. The Owner shall utilize the Primary (JVA, Inc.) awarded proposal received whenever possible. However, through this method, should the Primary awarded proposer not be able to fulfill their contract at any given time, it shall allow the Owner to utilize the Secondary (River City Consultants, Inc.) awarded proposal to fulfill the Owner's needs. All proposers understand and agree that they shall hold their pricing for the entire contract period.:

NOW, THEREFORE, in consideration of the compensation to be paid the Contractor, the mutual covenants hereinafter set forth and subject to the terms hereinafter stated, it is mutually covenanted and agreed as follows:

ARTICLE 1

Contract Documents: It is agreed by the parties hereto that the following list of instruments, drawings, and documents which are attached hereto, bound herewith, or incorporated herein by reference constitute and shall be referred to either as the "Contract Documents" or the "Contract", and all of said instruments, drawings, and documents taken together as a whole constitute the Contract between the parties hereto, and they are fully a part of this agreement as if they were set out verbatim and in full herein:

The order of contract document governance shall be as follows:

- a) The body of this contract agreement
- b) Solicitation Documents for the Project; **Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-5112-22-KH**;
- c) Contractors Response to the Solicitation
- d) Services Change Requests (directing that changed Services be performed);
- e) Change Orders.

## ARTICLE 2

Definitions: The clauses provided in the Solicitation apply to the terms used in the Contract and all the Contract Documents.

## ARTICLE 3

Contract Services: The Contractor agrees to furnish all labor, tools, supplies, equipment, materials, and all that is necessary and required to complete the tasks associated with the Work described, set forth, shown, and included in the Contract Documents as indicated in the Solicitation Document.

## ARTICLE 4

Contract Price and Payment Procedures: The Contractor shall accept as full and complete compensation for the performance and completion of all of the Services specified in the Contract Documents, the rate amounts are as stated in the Contractor's submitted Fee Proposal. If this Contract contains unit price pay items, the Contract Price shall be adjusted in accordance with the actual quantities of items completed and accepted by the Owner at the unit prices quoted in the Solicitation Response. The amount of the Contract Price is and has heretofore been appropriated by the Grand Junction City Council for the use and benefit of this Project. The Contract Price shall not be modified except by Change Order or other written directive of the Owner. The Owner shall not issue a Change Order or other written directive which requires additional work to be performed, which work causes the aggregate amount payable under this Contract to exceed the amount appropriated for this Project, unless and until the Owner provides Contractor written assurance that lawful appropriations to cover the costs of the additional work have been made.

## ARTICLE 5

Contract Binding: The Owner and the Contractor each binds itself, its partners, successors, assigns and legal representatives to the other party hereto in respect to all covenants, agreements and obligations contained in the Contract Documents. The Contract Documents constitute the entire agreement between the Owner and Contractor and may only be altered, amended or repealed by a duly executed written instrument. Neither the Owner nor the Contractor shall, without the prior written consent of the other, assign or sublet in whole or in part its interest under any of the Contract Documents and specifically, the

Contractor shall not assign any moneys due or to become due without the prior written consent of the Owner.

ARTICLE 6

**Severability:** If any part, portion or provision of the Contract shall be found or declared null, void or unenforceable for any reason whatsoever by any court of competent jurisdiction or any governmental agency having the authority thereover, only such part, portion or provision shall be effected thereby and all other parts, portions and provisions of the Contract shall remain in full force and effect.

IN WITNESS WHEREOF, City of Grand Junction, Colorado, has caused this Contract to be subscribed and sealed and attested in its behalf; and the Contractor has signed this Contract the day and the year first mentioned herein.

**City of Grand Junction, Colorado**

By:	<small>DocuSigned by:</small>  <small>9E789E7D50E14BC</small>	11/17/2022
	Duane Hoff Jr., Contract Administrator	Date

**JVA, Inc.**

By:	<small>DocuSigned by:</small>  <small>2F2FA00F2CA1418...</small>	11/17/2022
	Cooper Best	Date
	Regional Manager	





**Request for Proposal  
RFP-5112-22-KH**

**Professional Civil Engineering Services for  
Water and Wastewater Pipeline Replacement  
Projects**

**RESPONSES DUE:**

October 4, 2022 prior to 2:00 P.M.

**Accepting Electronic Responses Only Submitted Through the Rocky  
Mountain E-Purchasing System (RMEPS)**

**[www.bidnetdirect.com/colorado](http://www.bidnetdirect.com/colorado)**

**(Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor MUST contact RMEPS to resolve issue prior to the response deadline. 800-835-4603)**

**NOTE: All City solicitation openings will continue to be held virtually.  
See Section 1.6 for details.**

**PURCHASING REPRESENTATIVE:**

Kassy Hackett, Buyer

**[kassyh@gjcity.org](mailto:kassyh@gjcity.org)**

970-244-1546

This solicitation has been developed specifically for a Request for Proposal intended to solicit competitive responses for this solicitation, and may not be the same as previous City of Grand Junction solicitations. All offerors are urged to thoroughly review this solicitation prior to submitting. Submittal by **FAX, EMAIL or HARD COPY IS NOT ACCEPTABLE** for this solicitation.

# **REQUEST FOR PROPOSAL**

## **TABLE OF CONTENTS**

### **Section**

- 1.0 Administrative Information and Conditions for Submittal**
- 2.0 General Contract Terms and Conditions**
- 3.0 Insurance Requirements**
- 4.0 Specifications/Scope of Services**
- 5.0 Preparation and Submittal of Proposals**
- 6.0 Evaluation Criteria and Factors**
- 7.0 Solicitation Response Form**

## REQUEST FOR PROPOSAL

### **SECTION 1.0: ADMINISTRATIVE INFORMATION & CONDITIONS FOR SUBMITTAL**

**NOTE:** It is the Firm's responsibility to read and review all solicitation documentation in its entirety, and to ensure that they have a clear and complete understanding of not only the scope, specifications, project requirements, etc., but also all other requirements, instructions, rules, regulations, laws, conditions, statements, procurement policies, etc. that are associated with the solicitation process and project/services being solicited.

- 1.1 Issuing Office:** This Request for Proposal (RFP) is issued by the City of Grand Junction. All contact regarding this RFP is directed to:

**RFP QUESTIONS:**

Kassy Hackett, Buyer  
[kassyh@qjcity.org](mailto:kassyh@qjcity.org)

The City would like to remind all Firms, Sub-Firms, Vendors, Suppliers, Manufacturers, Service Providers, etc. that (with the exception of Pre-Bid or Site Visit Meetings) all questions, inquiries, comments, or communication pertaining to any formal solicitation (whether process, specifications, scope, etc.) must be directed (in writing) to the Purchasing Agent assigned to the project or Purchasing Division. Direct communication with the City assigned Project Managers/Engineers is not appropriate for public procurement and may result in disqualification.

- 1.2 Purpose:** The purpose of this RFP is to obtain proposals from qualified professional firms to provide civil engineering services to the City of Grand Junction on an "as needed" basis for water and wastewater pipeline replacement projects.
- 1.3 The Owner:** The Owner is the City of Grand Junction, Colorado and is referred to throughout this Solicitation. The term Owner means the Owner or his authorized representative.
- 1.4 Compliance:** 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. Should the Owner omit anything from this packet which is necessary to the clear understanding of the requirements, or should it appear that various instructions are in conflict, the Offeror(s) shall secure instructions from the Purchasing Division prior to the date and time of the submittal deadline shown in this RFP.
- 1.5 Procurement Process:** Procurement processes shall be governed by the most current version of the City of Grand Junction [Purchasing Policy and Procedure Manual](#).
- 1.6 Submission:** Please refer to section 5.0 for what is to be included. Each proposal shall be submitted online in electronic format only through the Rocky Mountain E-Purchasing (BidNet Colorado) website, [www.bidnetdirect.com/colorado](http://www.bidnetdirect.com/colorado). The uploaded response shall be a single PDF document with all required information included. This site offers both "free" and "paying" registration options that allow for full access of the Owner's documents and for electronic submission of proposals. (Note: "free" registration

may take up to 24 hours to process. Please Plan accordingly.) Please view our “**Electronic Vendor Registration Guide**” at <http://www.gjcity.org/501/Purchasing-Bids> for details. (Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor **MUST** contact RMEPS to resolve issue prior to the response deadline. **800-835-4603**).

Solicitation Opening, Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-5112-22-KH  
Oct 4, 2022, 2:00 – 2:30 PM (America/Denver)

Please join my meeting from your computer, tablet or smartphone.  
<https://meet.goto.com/604217741>

You can also dial in using your phone.  
Access Code: 604-217-741  
United States: +1 (312) 757-3121  
- One-touch: tel:+13127573121,,604217741#

Join from a video-conferencing room or system.  
Meeting ID: 604-217-741  
Dial in or type: 67.217.95.2 or inroomlink.goto.com  
Or dial directly: 604217741@67.217.95.2 or 67.217.95.2##604217741

Get the app now and be ready when your first meeting starts:  
<https://meet.goto.com/install>

- 1.7 Altering Proposals:** Any alterations made prior to opening date and time must be initialed by the signer of the proposal, guaranteeing authenticity. Proposals cannot be altered or amended after submission deadline.
- 1.8 Withdrawal of Proposal:** A proposal must be firm and valid for award and may not be withdrawn or canceled by the Offeror for sixty (60) days following the submittal deadline date, and only prior to award. The Offeror so agrees upon submittal of their proposal. After award this statement is not applicable.
- 1.9 Acceptance of Proposal Content:** The contents of the proposal of the successful Offeror shall become contractual obligations if acquisition action ensues. Failure of the successful Offeror to accept these obligations in a contract shall result in cancellation of the award and such vendor shall be removed from future solicitations.
- 1.10 Addenda:** All questions shall be submitted in writing to the appropriate person as shown in Section 1.1. Any interpretations, corrections and changes to this RFP or extensions to the opening/receipt date shall be made by a written Addendum to the RFP by the City. Sole authority to authorize addenda shall be vested in the City of Grand Junction Purchasing Representative. Addenda will be issued electronically through the Rocky Mountain E-Purchasing website at [www.bidnetdirect.com/colorado](http://www.bidnetdirect.com/colorado) and on the City’s website at [www.gjcity.org/501/Purchasing/Bids](http://www.gjcity.org/501/Purchasing/Bids). Offerors shall acknowledge receipt of all addenda in their proposal.

- 1.11 Exceptions and Substitutions:** All proposals meeting the intent of this RFP shall be considered for award. Offerors taking exception to the specifications shall do so at their own risk. The Owner reserves the right to accept or reject any or all substitutions or alternatives. When offering substitutions and/or alternatives, Offeror must state these exceptions in the section pertaining to that area. Exception/substitution, if accepted, must meet or exceed the stated intent and/or specifications. The absence of such a list shall indicate that the Offeror has not taken exceptions, and if awarded a contract, shall hold the Offeror responsible to perform in strict accordance with the specifications or scope of services contained herein.
- 1.12 Confidential Material:** All materials submitted in response to this RFP shall ultimately become public record and shall be subject to inspection after contract award. **“Proprietary or Confidential Information”** is defined as any information that is not generally known to competitors and which provides a competitive advantage. Unrestricted disclosure of proprietary information places it in the public domain. Only submittal information clearly identified with the words **“Confidential Disclosure”** and uploaded as a separate document shall establish a confidential, proprietary relationship. Any material to be treated as confidential or proprietary in nature must include a justification for the request. The request shall be reviewed and either approved or denied by the Owner. If denied, the proposer shall have the opportunity to withdraw its entire proposal, or to remove the confidential or proprietary restrictions. Neither cost nor pricing information nor the total proposal shall be considered confidential or proprietary.
- 1.13 Response Material Ownership:** All proposals become the property of the Owner upon receipt and shall only be returned to the proposer at the Owner’s option. Selection or rejection of the proposal shall not affect this right. The Owner shall have the right to use all ideas or adaptations of the ideas contained in any proposal received in response to this RFP, subject to limitations outlined in the entitled “Confidential Material”. Disqualification of a proposal does not eliminate this right.
- 1.14 Minimal Standards for Responsible Prospective Offerors:** A prospective Offeror must affirmably demonstrate their responsibility. A prospective Offeror must meet the following requirements.
- Have adequate financial resources, or the ability to obtain such resources as required.
  - Be able to comply with the required or proposed completion schedule.
  - Have a satisfactory record of performance.
  - Have a satisfactory record of integrity and ethics.
  - Be otherwise qualified and eligible to receive an award and enter into a contract with the Owner.
- 1.15 Open Records:** Proposals shall be received and publicly acknowledged at the location, date, and time stated herein. Offerors, their representatives and interested persons may be present. Proposals shall be received and acknowledged only so as to avoid disclosure of process. However, all proposals shall be open for public inspection after the contract is awarded. Trade secrets and confidential information contained in the proposal so identified by offer as such shall be treated as confidential by the Owner to the extent allowable in the Open Records Act.

- 1.16 Sales Tax:** The Owner is, by statute, exempt from the State Sales Tax and Federal Excise Tax; therefore, all fees shall not include taxes.
- 1.17 Public Opening:** Proposals shall be opened virtually at the time and date noted on the Cover Page. Offerors, their representatives and interested persons may attend virtually. See Section 1.6 for details. Only the names and locations on the proposing firms will be disclosed.



**SECTION 2.0: GENERAL CONTRACT TERMS AND CONDITIONS**

- 2.1. Acceptance of RFP Terms:** A proposal submitted in response to this RFP shall constitute a binding offer. Acknowledgment of this condition shall be indicated on the Letter of Interest or Cover Letter by the autographic signature of the Offeror or an officer of the Offeror legally authorized to execute contractual obligations. A submission in response to the RFP acknowledges acceptance by the Offeror of all terms and conditions including compensation, as set forth herein. An Offeror shall identify clearly and thoroughly any variations between its proposal and the Owner's RFP requirements. Failure to do so shall be deemed a waiver of any rights to subsequently modify the terms of performance, except as outlined or specified in the RFP.
- 2.2. Execution, Correlation, Intent, and Interpretations:** The Contract Documents shall be signed by the Owner and Firm. By executing the contract, the Firm represents that they have familiarized themselves with the local conditions under which the Services is to be performed and correlated their observations with the requirements of the Contract Documents. The Contract Documents are complementary, and what is required by anyone, shall be as binding as if required by all. The intention of the documents is to include all labor, materials, equipment, services and other items necessary for the proper execution and completion of the scope of services as defined in the technical specifications and drawings contained herein. All drawings, specifications and copies furnished by the Owner are, and shall remain, Owner property. They are not to be used on any other project.
- 2.3. Permits, Fees, & Notices:** The Firm shall secure and pay for all permits, governmental fees and licenses necessary for the proper execution and completion of the services. The Firm shall give all notices and comply with all laws, ordinances, rules, regulations and orders of any public authority bearing on the performance of the services. If the Firm observes that any of the Contract Documents are at variance in any respect, he shall promptly notify the Owner in writing, and any necessary changes shall be adjusted by approximate modification. If the Firm performs any services knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the Owner, he shall assume full responsibility and shall bear all costs attributable.
- 2.4. Responsibility for those Performing the Services:** The Firm shall be responsible to the Owner for the acts and omissions of all his employees and all other persons performing any of the services under a contract with the Firm.
- 2.5. Payment & Completion:** The Contract Sum is stated in the Contract and is the total amount payable by the Owner to the Firm for the performance of the services under the Contract Documents. Upon receipt of written notice that the services is ready for final inspection and acceptance and upon receipt of application for payment, the Owner's Project Manager will promptly make such inspection and, when they find the services acceptable under the Contract Documents and the Contract fully performed, the Owner shall make payment in the manner provided in the Contract Documents. Partial payments will be based upon estimates, prepared by the Firm, of the value of services performed and materials placed in accordance with the Contract Documents. The services performed by Firm shall be in accordance with generally accepted professional practices and the level of competency presently maintained by other practicing professional firms in the same or similar

type of services in the applicable community. The services and services to be performed by Firm hereunder shall be done in compliance with applicable laws, ordinances, rules and regulations.

- 2.6. Protection of Persons & Property:** The Firm shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. Firm shall erect and maintain, as required by existing safeguards for safety and protection, and all reasonable precautions, including posting danger signs or other warnings against hazards promulgating safety regulations and notifying owners and users of adjacent utilities. When or where any direct or indirect damage or injury is done to public or private property by or on account of any act, omission, neglect, or misconduct by the Firm in the execution of the services, or in consequence of the non-execution thereof by the Firm, they shall restore, at their own expense, such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding, or otherwise restoring as may be directed, or it shall make good such damage or injury in an acceptable manner.
- 2.7. Changes in the Services:** The Owner, without invalidating the contract, may order changes in the services within the general scope of the contract consisting of additions, deletions or other revisions. All such changes in the services shall be authorized by Change Order/Amendment and shall be executed under the applicable conditions of the contract documents. A Change Order/Amendment is a written order to the Firm signed by the Owner issued after the execution of the contract, authorizing a change in the services or an adjustment in the contract sum or the contract time.
- 2.8. Minor Changes in the Services:** The Owner shall have authority to order minor changes in the services not involving an adjustment in the contract sum or an extension of the contract time and not inconsistent with the intent of the contract documents.
- 2.9. Uncovering & Correction of Services:** The Firm shall promptly correct all services found by the Owner as defective or as failing to conform to the contract documents. The Firm shall bear all costs of correcting such rejected services, including the cost of the Owner's additional services thereby made necessary. The Owner shall give such notice promptly after discover of condition. All such defective or non-conforming services under the above paragraphs shall be removed from the site where necessary and the services shall be corrected to comply with the contract documents without cost to the Owner.
- 2.10. Acceptance Not Waiver:** The Owner's acceptance or approval of any services furnished hereunder shall not in any way relieve the proposer of their present responsibility to maintain the high quality, integrity and timeliness of his services. The Owner's approval or acceptance of, or payment for, any services shall not be construed as a future waiver of any rights under this Contract, or of any cause of action arising out of performance under this Contract.
- 2.11. Change Order/Amendment:** No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the resulting contract. All amendments to the contract shall be made in writing by the Owner.

- 2.12. Assignment:** The Offeror shall not sell, assign, transfer or convey any contract resulting from this RFP, in whole or in part, without the prior written approval from the Owner.
- 2.13. Compliance with Laws:** Proposals must comply with all Federal, State, County and local laws governing or covering this type of service and the fulfillment of all ADA (Americans with Disabilities Act) requirements. Firm hereby warrants that it is qualified to assume the responsibilities and render the services described herein and has all requisite corporate authority and professional licenses in good standing, required by law.
- 2.14. Debarment/Suspension:** The Firm hereby certifies that the Firm is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Governmental department or agency.
- 2.15. Confidentiality:** All information disclosed by the Owner to the Offeror for the purpose of the services to be done or information that comes to the attention of the Offeror during the course of performing such services is to be kept strictly confidential.
- 2.16. Conflict of Interest:** No public official and/or Owner employee shall have interest in any contract resulting from this RFP.
- 2.17. Contract:** This Request for Proposal, submitted documents, and any negotiations, when properly accepted by the Owner, shall constitute a contract equally binding between the Owner and Offeror. The contract represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations, or agreements, either written or oral, including the Proposal documents. The contract may be amended or modified with Change Orders, Field Orders, or Amendment.
- 2.18. Project Manager/Administrator:** The Project Manager, on behalf of the Owner, shall render decisions in a timely manner pertaining to the services proposed or performed by the Offeror. The Project Manager shall be responsible for approval and/or acceptance of any related performance of the Scope of Services.
- 2.19. Contract Termination:** This contract shall remain in effect until any of the following occurs: (1) contract expires; (2) completion of services; (3) acceptance of services or, (4) for convenience terminated by either party with a written *Notice of Cancellation* stating therein the reasons for such cancellation and the effective date of cancellation at least thirty days past notification.
- 2.20. Employment Discrimination:** During the performance of any services per agreement with the Owner, the Offeror, by submitting a Proposal, agrees to the following conditions:
- 2.20.1.** The Offeror shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, age, disability, citizenship status, marital status, veteran status, sexual orientation, national origin, or any legally protected status except when such condition is a legitimate occupational qualification reasonably necessary for the normal operations of the Offeror. The Offeror agrees to post in conspicuous places, visible to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.

- 2.20.2.** The Offeror, in all solicitations or advertisements for employees placed by or on behalf of the Offeror, shall state that such Offeror is an Equal Opportunity Employer.
- 2.20.3.** Notices, advertisements, and solicitations placed in accordance with federal law, rule, or regulation shall be deemed sufficient for the purpose of meeting the requirements of this section.
- 2.21. Immigration Reform and Control Act of 1986 and Immigration Compliance:** The Offeror certifies that it does not and will not during the performance of the contract employ illegal alien services or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986 and/or the immigration compliance requirements of State of Colorado C.R.S. § 8-17.5-101, *et seq.* (House Bill 06-1343).
- 2.22. Ethics:** The Offeror shall not accept or offer gifts or anything of value nor enter into any business arrangement with any employee, official, or agent of the Owner.
- 2.23. Failure to Deliver:** In the event of failure of the Offeror to deliver services in accordance with the contract terms and conditions, the Owner, after due oral or written notice, may procure the services from other sources and hold the Offeror responsible for any costs resulting in additional purchase and administrative services. This remedy shall be in addition to any other remedies that the Owner may have.
- 2.24. Failure to Enforce:** Failure by the Owner at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of the Owner to enforce any provision at any time in accordance with its terms.
- 2.25. Force Majeure:** The Offeror shall not be held responsible for failure to perform the duties and responsibilities imposed by the contract due to legal strikes, fires, riots, rebellions, and acts of God beyond the control of the Offeror, unless otherwise specified in the contract.
- 2.26. Indemnification:** Offeror shall defend, indemnify and save harmless the Owner and all its officers, employees, insurers, and self-insurance pool, from and against all liability, suits, actions, or other claims of any character, name and description brought for or on account of any injuries or damages received or sustained by any person, persons, or property on account of any negligent act or fault of the Offeror, or of any Offeror's agent, employee, sub-Firm or supplier in the execution of, or performance under, any contract which may result from proposal award. Offeror shall pay any judgment with cost which may be obtained against the Owner growing out of such injury or damages.
- 2.27. Independent Firm:** The Offeror shall be legally considered an Independent Firm and neither the Firm nor its employees shall, under any circumstances, be considered servants or agents of the Owner. The Owner shall be at no time legally responsible for any negligence or other wrongdoing by the Firm, its servants, or agents. The Owner shall not withhold from the contract payments to the Firm any federal or state unemployment taxes, federal or state income taxes, Social Security Tax or any other amounts for benefits to the Firm. Further, the Owner shall not provide to the Firm any insurance coverage or other benefits, including Workers' Compensation, normally provided by the Owner for its employees.

- 2.28. Nonconforming Terms and Conditions:** A proposal that includes terms and conditions that do not conform to the terms and conditions of this Request for Proposal is subject to rejection as non-responsive. The Owner reserves the right to permit the Offeror to withdraw nonconforming terms and conditions from its proposal prior to a determination by the Owner of non-responsiveness based on the submission of nonconforming terms and conditions.
- 2.29. Ownership:** All plans, prints, designs, concepts, etc., shall become the property of the Owner.
- 2.30. Oral Statements:** No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in this document and/or resulting agreement. All modifications to this request and any agreement must be made in writing by the Owner.
- 2.31. Patents/Copyrights:** The Offeror agrees to protect the Owner from any claims involving infringements of patents and/or copyrights. In no event shall the Owner be liable to the Offeror for any/all suits arising on the grounds of patent(s)/copyright(s) infringement. Patent/copyright infringement shall null and void any agreement resulting from response to this RFP.
- 2.32. Venue:** Any agreement as a result of responding to this RFP shall be deemed to have been made in, and shall be construed and interpreted in accordance with, the laws of the City of Grand Junction, Mesa County, Colorado.
- 2.33. Expenses:** Expenses incurred in preparation, submission and presentation of this RFP are the responsibility of the company and cannot be charged to the Owner.
- 2.34. Sovereign Immunity:** The Owner specifically reserves its right to sovereign immunity pursuant to Colorado State Law as a defense to any action arising in conjunction to this agreement.
- 2.35. Public Funds/Non-Appropriation of Funds:** Funds for payment have been provided through the Owner's budget approved by the City Council/Board of County Commissioners for the stated fiscal year only. State of Colorado statutes prohibit the obligation and expenditure of public funds beyond the fiscal year for which a budget has been approved. Therefore, anticipated orders or other obligations that may arise past the end of the stated Owner's fiscal year shall be subject to budget approval. Any contract will be subject to and must contain a governmental non-appropriation of funds clause.
- 2.36. Collusion Clause:** Each Offeror by submitting a proposal certifies that it is not party to any collusive action or any action that may be in violation of the Sherman Antitrust Act. Any and all proposals shall be rejected if there is evidence or reason for believing that collusion exists among the proposers. The Owner may or may not, at the discretion of the Owner Purchasing Representative, accept future proposals for the same service or commodities for participants in such collusion.
- 2.37. Gratuities:** The Firm certifies and agrees that no gratuities or kickbacks were paid in connection with this contract, nor were any fees, commissions, gifts or other considerations

made contingent upon the award of this contract. If the Firm breaches or violates this warranty, the Owner may, at their discretion, terminate this contract without liability to the Owner.

- 2.38. Performance of the Contract:** The Owner reserves the right to enforce the performance of the contract in any manner prescribed by law or deemed to be in the best interest of the Owner in the event of breach or default of resulting contract award.
- 2.39. Benefit Claims:** The Owner shall not provide to the Offeror any insurance coverage or other benefits, including Worker's Compensation, normally provided by the Owner for its employees.
- 2.40. Default:** The Owner reserves the right to terminate the contract in the event the Firm fails to meet delivery or completion schedules, or otherwise perform in accordance with the accepted proposal. Breach of contract or default authorizes the Owner to purchase like services elsewhere and charge the full increase in cost to the defaulting Offeror.
- 2.41. Multiple Offers:** If said proposer chooses to submit more than one offer, THE ALTERNATE OFFER must be clearly marked "Alternate Proposal". The Owner reserves the right to make award in the best interest of the Owner.
- 2.42. Cooperative Purchasing:** Purchases as a result of this solicitation are primarily for the Owner. Other governmental entities may be extended the opportunity to utilize the resultant contract award with the agreement of the successful provider and the participating agencies. All participating entities will be required to abide by the specifications, terms, conditions and pricings established in this Proposal. The quantities furnished in this proposal document are for only the Owner. It does not include quantities for any other jurisdiction. The Owner will be responsible only for the award for our jurisdiction. Other participating entities will place their own awards on their respective Purchase Orders through their purchasing office or use their purchasing card for purchase/payment as authorized or agreed upon between the provider and the individual entity. The Owner accepts no liability for payment of orders placed by other participating jurisdictions that choose to piggy-back on our solicitation. Orders placed by participating jurisdictions under the terms of this solicitation will indicate their specific delivery and invoicing instructions.
- 2.43. Definitions:**
- 2.43.1.** "Offeror" and/or "Proposer" refers to the person or persons legally authorized by the Consultant to make an offer and/or submit a response (fee) proposal in response to the Owner's RFP.
- 2.43.2.** The term "Services" includes all labor, materials, equipment, and/or services necessary to produce the requirements of the Contract Documents.
- 2.43.3.** "Firm" is the person, organization, firm or consultant identified as such in the Agreement and is referred to throughout the Contract Documents. The term Firm means the Firm or his authorized representative. The Firm shall carefully study and compare the Scope of Services, Addenda and Modifications and shall at once report to the Owner any error, inconsistency or omission he may discover. Firm shall not be liable to the Owner for any damage resulting from such errors, inconsistencies or omissions. The Firm shall not commence services without clarifying Drawings, Specifications, or Interpretations.



**2.43.4.** "Sub-Contractor is a person or organization who has a direct contract with the Firm to perform any of the services at the site. The term Sub-Firm is referred to throughout the contract documents and means a Sub-Contractor or his authorized representative.

**2.44. Public Disclosure Record:** If the Proposer has knowledge of their employee(s) or sub-proposers having an immediate family relationship with an Owner employee or elected official, the proposer must provide the Purchasing Representative with the name(s) of these individuals. These individuals are required to file an acceptable "Public Disclosure Record", a statement of financial interest, before conducting business with the Owner.

<b>SECTION 3.0: INSURANCE REQUIREMENTS</b>
--

**3.1 Insurance Requirements:** The selected Firm agrees to procure and maintain, at its own cost, policy(s) of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by the Firm pursuant to this Section. Such insurance shall be in addition to any other insurance requirements imposed by this Contract or by law. The Firm shall not be relieved of any liability, claims, demands, or other obligations assumed pursuant to this Section by reason of its failure to procure or maintain insurance in sufficient amounts, durations, or types.

Firm shall procure and maintain and, if applicable, shall cause any Sub-Firm of the Firm to procure and maintain insurance coverage listed below. Such coverage shall be procured and maintained with forms and insurers acceptable to The Owner. All coverage shall be continuously maintained to cover all liability, claims, demands, and other obligations assumed by the Firm pursuant to this Section. In the case of any claims-made policy, the necessary retroactive dates and extended reporting periods shall be procured to maintain such continuous coverage. Minimum coverage limits shall be as indicated below unless specified otherwise in the Special Conditions:

(a) **Worker Compensation:** Firm shall comply with all State of Colorado Regulations concerning Workers' Compensation insurance coverage.

(b) **General Liability insurance with minimum combined single limits of:**

ONE MILLION DOLLARS (\$1,000,000) each occurrence and  
ONE MILLION DOLLARS (\$1,000,000) per job aggregate.

The policy shall be applicable to all premises, products and completed operations. The policy shall include coverage for bodily injury, broad form property damage (including completed operations), personal injury (including coverage for contractual and employee acts), blanket contractual, products, and completed operations. The policy shall include coverage for explosion, collapse, and underground (XCU) hazards. The policy shall contain a severability of interests provision.

(c) **Comprehensive Automobile Liability insurance with minimum combined single limits for bodily injury and property damage of not less than:**

ONE MILLION DOLLARS (\$1,000,000) each occurrence and  
ONE MILLION DOLLARS (\$1,000,000) aggregate

(d) **Professional Liability & Errors and Omissions Insurance policy with a minimum of:**

ONE MILLION DOLLARS (\$1,000,000) per claim

This policy shall provide coverage to protect the Firm against liability incurred as a result of the professional services performed as a result of responding to this Solicitation.

With respect to each of Consultant's owned, hired, or non-owned vehicles assigned to be used in performance of the Services. The policy shall contain a severability of interests provision.

**3.2 Additional Insured Endorsement:** The policies required by paragraphs (b), and (c) above shall be endorsed to include the Owner and the Owner's officers and employees as additional insureds. Every policy required above shall be primary insurance, and any insurance carried by the Owner, its officers, or its employees, or carried by or provided through any insurance pool of the Owner, shall be excess and not contributory insurance to that provided by Firm. The Firm shall be solely responsible for any deductible losses under any policy required above.

## SECTION 4.0: SPECIFICATIONS/SCOPE OF SERVICES

**4.1. General/Background:** The City of Grand Junction desires to enter into an annual contract with a professional civil engineering firm to provide all related services as required, on an “as needed” basis for water and wastewater pipeline replacement projects. The Utilities Department’s capital improvement program (CIP) includes annual rehabilitation and/or replacement of aging water transmission and distribution pipelines, sewer collection pipelines and interceptors, and wastewater lift stations. The following funding levels are included in the 2022 Adopted Budget and anticipated for future years:

NOTE: The amounts indicated do not necessarily reflect nor guarantee contract amounts, expenditures, or required services for any given year or contract.

Project	2022 Budget	2023 Anticipated	2024 Anticipated	2025 Anticipated
Water Line Replacements	\$2,200,000	\$1,350,000	\$1,390,500	\$1,432,215
Sewer Line Replacements	\$3,696,000	\$3,696,000	\$4,500,000	\$4,500,000
Sewer Capacity Projects	\$814,000	\$4,972,000	\$10,787,000	\$3,713,000

NOTE: The City’s intent is to establish a primary awardee, and a backup secondary awardee, should the primary be too busy, or unable to perform for any given project.

**4.2. Special Conditions/Provisions:**

**4.2.1 Price/Fees:** Services pricing shall be all inclusive, to include, but not be limited to: labor, materials, equipment, travel, drawings, engineering work, shipping/freight, licenses, permits, fees, etc.

Provide a complete list of all potential costs with associated services, as may be related to civil engineering design services. The list should be broken down into both hourly rates, and flat rate fees, as may apply.

All fees will be considered by the Owner to be negotiable.

**4.2.2 Codes:** Contractor shall ensure that project design, scope, and specifications meets all Federal, State, County, and City Codes.

**4.3. Specifications/Scope of Services:** Firm shall provide all services related to civil engineering, on an “as needed” basis, to include, but not be limited to: initial design, final design, construction documents, scheduling/phasing of projects-as needed, opinion of probable construction cost estimates, etc.

**4.4. RFP Tentative Time Schedule:**

- Request for Proposal available on or about: September 2, 2022
- Inquiry deadline, no questions after this date: September 23, 2022
- Addendum Posted: September 27, 2022

- Submittal deadline for proposals: October 4, 2022
- Owner evaluation of proposals: October 4-October 11, 2022
- Interviews (if required) October 17-18, 2022
- Final selection: October 19, 2022
- City Council Approval: November 2, 2022
- Contract execution: November 3, 2022

**4.5. All Questions Regarding this RFP:**

Kassy Hackett, Buyer

[kassyh@gicity.org](mailto:kassyh@gicity.org)

- 4.6. Contract:** Contract shall commence upon award and will run through November 3, 2023. The awarded Firm and the Owner agree that this Proposal or subsequent contract may, upon mutual agreement of the Firm and the Owner, be extended under the terms and conditions of the contract for three (3) additional one (1) year contract periods, contingent upon the applicable fiscal year funding.

## SECTION 5.0: PREPARATION AND SUBMITTAL OF PROPOSALS

**Submission:** Each proposal shall be submitted in electronic format only through the BidNet website, [www.bidnetdirect.com/colorado](http://www.bidnetdirect.com/colorado). This site offers both “free” and “paying” registration options that allow for full access of the City’s documents and for electronic submission of proposals. (Note: “free” registration may take up to 24 hours to process. Please Plan accordingly.) (Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor **MUST** contact RMEPS to resolve issue prior to the response deadline; **800-835-4603**). For proper comparison and evaluation, the City requests that proposals be formatted as directed. The uploaded response to this RFP shall be a single PDF document with all required information included. Offerors are required to indicate their interest in this Project, show their specific experience and address their capability to perform the Scope of Services in the Time Schedule as set forth herein. For proper comparison and evaluation, the Owner requires that proposals be formatted **A to G**:

- A. Cover Letter:** Cover letter shall be provided which explains the Firm’s interest in the project. The letter shall contain the name/address/phone number/email of the person who will serve as the firm’s principal contact person with Owner’s Contract Administrator and shall identify individual(s) who will be authorized to make presentations on behalf of the firm. The statement shall bear the signature of the person having proper authority to make formal commitments on behalf of the firm. By submitting a response to this solicitation, the Firm agrees to all requirements herein.
- B. Qualifications/Experience/Credentials:** Proposers shall provide statement of qualifications indicating the firm’s qualifications, experience with similar work, technical expertise, capability to perform the work, familiarity with the project area, and resumes.
- C. Strategy and Implementation Plan:** Describe your (the firm’s) interpretation of the Owner’s objectives with regard to this RFP. Describe the proposed strategy and/or plan for achieving the objectives of this RFP. The Firm may utilize a written narrative or any other printed technique to demonstrate their ability to satisfy the Scope of Services. The narrative should describe a logical progression of tasks and efforts starting with the initial steps or tasks to be accomplished and continuing until all proposed tasks are fully described and the RFP objectives are accomplished. Include a **time schedule** for completion of your firm’s implementation plan and an estimate of time commitments from Owner staff.
- D. References:** A minimum of three (3) **references** that can attest to your experience in projects of similar scope and size. **Please also summarize the projects completed with these references including:** Client Name, Address, Contact Person, Telephone, Email Address, Project Dates, Project Description, etc.
- E. Fee Proposal:** Provide a complete list of all potential costs with associated services, as may be related to civil engineering design services. The list should be broken down into both hourly rates, and flat rate fees, as may apply.
- F. Legal Proceedings/Lawsuits:** State any and all legal proceedings, and or lawsuits you firm has been involved with in the last 3 years, is currently involved with, and/or has pending. Describe the reason for each instance, and the outcome.



**G. Additional Data (optional):** Provide any additional information that will aid in evaluation of your qualifications with respect to this project.

## SECTION 6.0: EVALUATION CRITERIA AND FACTORS

- 6.1 Evaluation:** An evaluation team shall review all responses and select the proposal or proposals that best demonstrate the capability in all aspects to perform the scope of services and possess the integrity and reliability that will ensure good faith performance.
- 6.2 Intent:** Only respondents who meet the qualification criteria will be considered. Therefore, it is imperative that the submitted proposal clearly indicate the firm's ability to provide the services described herein.

Submittal evaluations will be done in accordance with the criteria and procedure defined herein. The Owner reserves the right to reject any and all portions of proposals and take into consideration past performance. The following parameters will be used to evaluate the submittals (**with weighted values**):

The following collective criteria shall be worth 90%
<ul style="list-style-type: none"> <li>• <b>Responsiveness of Submittal to the RFP (10)</b> (Firm has submitted a proposal that is fully comprehensive, inclusive, and conforms in all respects to the Request for Proposals (RFP) and all of its requirements, including all forms and substance.)</li> <li>• <b>Understanding of the Project and Objectives (20)</b> (Firm's ability to demonstrate a thorough understanding of the City's goals pertaining to this specific project.)</li> <li>• <b>Experience (30)</b> (Firm's proven proficiency in the successful completion of similar projects.)</li> <li>• <b>Strategy &amp; Implementation Plan (30)</b> (Firm has provided a clear interpretation of the City's objectives in regard to the project, and a fully comprehensive plan to achieve successful completion. See Section 5.0 Item C. – Strategy and Implementation Plan for details.)</li> </ul>

The following criteria shall be worth 10%
* <b>Fees (10)</b>

Owner also reserves the right to take into consideration past performance of previous awards/contracts with the Owner of any vendor, Firm, supplier, or service provider in determining final award(s).

The Owner will undertake negotiations with the top-rated firm and will not negotiate with lower rated firms unless negotiations with higher rated firms have been unsuccessful and terminated.

- 6.3 Oral Interviews:** The Owner reserves the right to invite the most qualified rated proposer(s) to participate in oral interviews, if needed.
- 6.4 Award:** Firms shall be ranked or disqualified based on the criteria listed in Section 6.2. The Owner reserves the right to consider all of the information submitted and/or oral presentations, if required, in selecting the project Firm.

**SECTION 7.0: SOLICITATION RESPONSE FORM**

**RFP-5112-22-KH Professional Civil Engineering Services for Water and Wastewater Replacement Projects**

*Offeror must submit entire Form completed, dated and signed.*

-----  
*The Owner reserves the right to accept any portion of the services to be performed at its discretion*  
-----

The undersigned has thoroughly examined the entire Request for Proposals and therefore submits the proposal and schedule of fees and services attached hereto.

This offer is firm and irrevocable for sixty (60) days after the time and date set for receipt of proposals.

The undersigned Offeror agrees to provide services and products in accordance with the terms and conditions contained in this Request for Proposal and as described in the Offeror’s proposal attached hereto; as accepted by the Owner.

Prices in the proposal have not knowingly been disclosed with another provider and will not be prior to award.

- Prices in this proposal have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition.
- No attempt has been made nor will be to induce any other person or firm to submit a proposal for the purpose of restricting competition.
- The individual signing this proposal certifies they are a legal agent of the offeror, authorized to represent the offeror and is legally responsible for the offer with regard to supporting documentation and prices provided.
- Direct purchases by the City of Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-903544. The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.
- City of Grand Junction payment terms shall be Net 30 days.
- Prompt payment discount of \_\_\_\_\_ percent of the net dollar will be offered to the Owner if the invoice is paid within \_\_\_\_\_ days after the receipt of the invoice. The Owner reserves the right to consider any such discounts when determining the bid award that are no less than Net 10 days

**RECEIPT OF ADDENDA:** The undersigned Firm acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents. State number of Addenda received: \_\_\_\_\_

It is the responsibility of the Proposer to ensure all Addenda have been received and acknowledged.

\_\_\_\_\_  
Company Name – (Typed or Printed)

\_\_\_\_\_  
Authorized Agent – (Typed or Printed)

\_\_\_\_\_  
Authorized Agent Signature

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Address of Offeror

\_\_\_\_\_  
E-mail Address of Agent

\_\_\_\_\_  
City, State, and Zip Code

\_\_\_\_\_  
Date



Purchasing Division

## **ADDENDUM NO. 1**

**DATE:** September 26, 2022  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-5112-22-KH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

- Q:** Is there an estimated scope and schedule for the 2023 work that will be completed under this contract?

**A: Waterline replacements** - Design of waterline replacements that will be constructed in 2022/2023 is nearing completion under the current professional civil engineering services contract. It is anticipated that design of waterline replacements that will be constructed in 2024 would be initiated later in 2023. Specific line segments have not been identified yet. We would anticipate replacing about 7,000 feet of 6-inch water mains in 2024. The scope would include design and specifications with 30% and 90% review submittals and final drawings for construction bidding. Submittal should include a detailed schedule for design and construction phase as well as opinion of probable construction costs with 30% and 90% deliverables. Assume City to provide surveying, geotechnical, and potholing.

**Sewer line replacements** - Design of sewer line replacements that will be constructed in 2022/2023 is nearing completion under the current professional civil engineering services contract. It is anticipated that design of sewer line replacements that will be constructed in 2024 would be initiated later in 2023. Specific line segments have not been identified yet. We would anticipate replacing about 24,000 feet of 8-inch sewer lines in 2024. The scope would include design and specifications with 30% and 90% review submittals and final drawings for construction bidding. Submittal should include a detailed schedule for design and construction phase as well as opinion of probable construction costs with 30% and 90% deliverables. Assume City to provide surveying, geotechnical, and potholing.

**Sewer Capacity Projects** – design of sewer capacity projects in 2023 will include segments in the Orchard Mesa Sewer Basin that are planned for construction in 2024/25. This includes upsizing 15, 18, and 24-inch sewers between Unawep Avenue and 29 Road. The City is coordinating schedules for these projects with planned Street improvement projects so exact line segments may vary.

2. **Q:** Is the schedule requirement of this proposal to provide a generic schedule with typical tasks and a time period for each?  
**A:** Please provide a schedule for design for water and sewer line replacements assuming 7,000 feet of 6-inch water mains and 24,000 feet of 8-inch sewer lines.
3. **Q:** Can you please confirm for the fee portion of the proposal that the City would like to see a list of anticipated scope items and a unit price for each?  
**A:** For this proposal, please provide billing rates as well as estimated costs for water and sewer line replacements assuming 7,000 feet of 6-inch water mains and 24,000 feet of 8-inch sewer lines.
4. **Q:** Under Paragraph 4.3, this RFP states “Firm shall provide all services related to Civil Engineering ...” does this include the possibility of Survey, Subsurface Utility Engineering, and Geotechnical Investigations that may be required for projects?  
**A:** Please assume Survey will be provided by the City Surveyor. The City has a separate services contract for potholing associated with Subsurface Utility Engineering, but the Civil Engineering firm will be responsible for SUE. The City also has a separate services contract for Geotechnical Investigations.
5. **Q:** Can you please clarify if the Price/Fees that are to be submitted should include subconsultant potential costs as well? Would the City utilize their own survey crews and/or an on-call contract for topographical surveys? Similarly, would the City use an on-call contract for subsurface investigations such as potholing and/or geotechnical explorations?  
**A:** For price/fees, we asked for fees for the scope of work that we provided for 2023 in response to a previous question. Vendor should also provide their billing rates. The rest of your question was answered above.
6. **Q:** Can you please clarify if the Price/Fees that are to be submitted should include subconsultant potential costs as well? Would the City utilize their own survey crews and/or an on-call contract for topographical surveys? Similarly, would the City use an on-call contract for subsurface investigations such as potholing and/or geotechnical explorations? Any additional clarification is greatly appreciated.  
**A:** Vendor shall provide a schedule for the scope of work identified for 2023 that we provided in response to previous question.
7. The following chart from 4.1. General/Background shall be revised to:

Project	<b>2023 Anticipated</b>	<b>2024 Anticipated</b>	<b>2025 Anticipated</b>	<b>2026 Anticipated</b>
Water Line Replacements	\$2,200,000	\$1,350,000	\$1,390,500	\$1,432,215
Sewer Line Replacements	\$3,696,000	\$3,696,000	\$4,500,000	\$4,500,000
Sewer Capacity Projects	\$814,000	\$4,972,000	\$10,787,000	\$3,713,000

8. The following chart from 4.4. RFP Tentative Time Schedule shall be revised to:

- Request for Proposal available on or about: September 2, 2022
- Inquiry deadline, no questions after this date: September 23, 2022
- Addendum Posted: September 27, 2022
- Submittal deadline for proposals: **October 11, 2022 @ 2:00 PM**

- Owner evaluation of proposals: **October 11-October 19, 2022**
- Interviews (if required) **October 24-25, 2022**
- Final selection: **October 26, 2022**
- City Council Approval: **November 16, 2022**
- Contract execution: **November 17, 2022**

9. Vendor shall use the following link to attend the RFP opening if desired:

**Solicitation Opening, Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-5112-22-KH  
Oct 11, 2022, 2:00 – 2:30 PM (America/Denver)**

**Please join my meeting from your computer, tablet or smartphone.  
<https://meet.goto.com/604217741>**

**You can also dial in using your phone.  
Access Code: 604-217-741  
United States: +1 (312) 757-3121  
- One-touch: tel:+13127573121,,604217741#**

**Join from a video-conferencing room or system.  
Meeting ID: 604-217-741  
Dial in or type: 67.217.95.2 or inroomlink.goto.com  
Or dial directly: 604217741@67.217.95.2 or 67.217.95.2##604217741**

**Get the app now and be ready when your first meeting starts:  
<https://meet.goto.com/install>**

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Kassy Hackett, Buyer  
City of Grand Junction, Colorado





Purchasing Division

**ADDENDUM NO. 2**

**DATE:** September 26, 2022  
**FROM:** City of Grand Junction Purchasing Division  
**TO:** All Offerors  
**RE:** Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-5112-22-KH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. **Q:** Regarding the above referenced RFP, the original solicitation calls for a fee schedule under Section 5.0 paragraph E.  
*"Fee Proposal: Provide a complete list of all potential costs with associated services, as may be related to civil engineering design services. The list should be broken down into both hourly rates, and flat rate fees, as may apply"*

In the addendum (questions 3) there is new discussion regarding providing a fee proposal for a particular task that is 7000 feet of 6-inch waterline and 24,000 feet of 8-inch sewer line. There is no detail regarding this project task, such as if this is replacement lines or new construction or an upgrade, in pavement, utility conflicts, number of connections etc. The addendum appears to indicate this is a clarification of the original request, but I don't see anything in the original solicitation that pertains to this. I am also unclear if this is 2 separate tasks, and you would want 2 fee proposals or if it is combined.

Please clarify if the addendum is adding a new requirement to the solicitation and provide some details to allow us to put together a scope of work and associated fee and clarify if you want this two separate fees or a combined fee.

**A:** In the headers to the response to questions, it was noted that these were both replacement projects. Assume in pavement. Potential for utility conflicts that would have been to determine by the engineer via SUE. Number of connections TBD but can assume 20 per 700 feet of line for both water and sewer. Please provide fees for 3 separate projects: 1) waterline replacements, 2) sewer line replacements, 3) sewer capacity project.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,

A handwritten signature in black ink, appearing to read "Kassy Hackett".

Kassy Hackett, Buyer  
City of Grand Junction, Colorado



**PROPOSAL**

# City of Grand Junction Water & Wastewater Pipeline Replacement Projects

October 11, 2022



**PREPARED FOR:**



**SECTION 7.0: SOLICITATION RESPONSE FORM**

**RFP-5112-22-KH Professional Civil Engineering Services for Water and Wastewater Replacement Projects**

*Offeror must submit entire Form completed, dated and signed.*

-----  
*The Owner reserves the right to accept any portion of the services to be performed at its discretion*  
-----

The undersigned has thoroughly examined the entire Request for Proposals and therefore submits the proposal and schedule of fees and services attached hereto.

This offer is firm and irrevocable for sixty (60) days after the time and date set for receipt of proposals.


The undersigned Offeror agrees to provide services and products in accordance with the terms and conditions contained in this Request for Proposal and as described in the Offeror’s proposal attached hereto; as accepted by the Owner.

Prices in the proposal have not knowingly been disclosed with another provider and will not be prior to award.

- Prices in this proposal have been arrived at independently, without consultation, communication or agreement for the purpose of restricting competition.
- No attempt has been made nor will be to induce any other person or firm to submit a proposal for the purpose of restricting competition.
- The individual signing this proposal certifies they are a legal agent of the offeror, authorized to represent the offeror and is legally responsible for the offer with regard to supporting documentation and prices provided.
- Direct purchases by the City of Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-903544. The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.
- City of Grand Junction payment terms shall be Net 30 days.
- Prompt payment discount of NA percent of the net dollar will be offered to the Owner if the invoice is paid within NA days after the receipt of the invoice. The Owner reserves the right to consider any such discounts when determining the bid award that are no less than Net 10 days

**RECEIPT OF ADDENDA:** The undersigned Firm acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents. State number of Addenda received: 2

It is the responsibility of the Proposer to ensure all Addenda have been received and acknowledged.

JVA, Inc.  
 \_\_\_\_\_  
 Company Name – (Typed or Printed)  
  
 \_\_\_\_\_  
 Authorized Agent Signature  
 817 Colorado Ave., Suite 301  
 \_\_\_\_\_  
 Address of Offeror  
 Glenwood Springs, CO, 81601  
 \_\_\_\_\_  
 City, State, and Zip Code

Cooper Best, PE  
 \_\_\_\_\_  
 Authorized Agent – (Typed or Printed)  
 970.404.3100  
 \_\_\_\_\_  
 Phone Number  
 cbest@jvajva.com  
 \_\_\_\_\_  
 E-mail Address of Agent  
 October 10, 2022  
 \_\_\_\_\_  
 Date





JVA, Incorporated  
817 Colorado Avenue  
Suite 301  
Glenwood Springs,  
CO 81601  
970.404.3100  
info@jvajva.com

October 11, 2022

Ms. Kassey Hackett, Buyer  
City of Grand Junction  
250 North 5th Street  
Grand Junction, CO 81501

www.jvajva.com

RE: Request for Proposal for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects – RFP-5112-22-KH

Dear Kassey and Selection Committee Members:


JVA Incorporated (JVA) appreciates the opportunity to respond to the City of Grand Junction’s (City) Request for Proposal for On-Call Engineering Services for Water and Wastewater Pipeline Replacement projects. We have assembled a team of qualified and experienced engineers to assist the City in meeting its engineering goals on time and within budget as we have successfully done over the past several years.

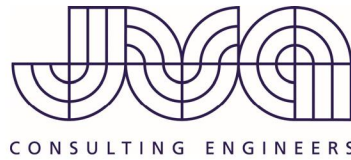
JVA celebrates our 66<sup>th</sup> anniversary of engineering excellence, serving municipalities, counties, and owners throughout the Rocky Mountain area and nationwide. Our current staff size consists of over 140 engineers, designers, and administrative staff focused on water/wastewater, civil, and structural design. JVA is very familiar with the City’s water and wastewater infrastructure and remains focused on providing you with the best service possible.

We pride ourselves on providing superior customer service and responsiveness to our clients. The core of this project team is located in the JVA Glenwood Springs office, 87 miles from Grand Junction. Our team is committed to being available at the City’s direction for on-call services. JVA has worked with the City on several projects over the past few years and has developed strong professional relationships with City staff. The City is very familiar with JVA from our recent past and current projects which we believe have demonstrated responsiveness, commitment, and high level of service. We provide similar on-call services for numerous municipalities throughout Colorado and encourage you to call our references to discuss our past performance with our ability to control costs, meet schedules, and effectively manage projects. As a result of our commitment and focus on customer service, our on-call services resume has become quite extensive. We have recently performed similar utility infrastructure and water/wastewater on-call services for the Towns of Winter Park, Nederland, Mead, Berthoud, Nunn, Rye, Lochbuie and Cities of Ouray, Aspen, Arvada, Central City, Black Hawk, Idaho Springs, and the Larimer County Health Department, Boulder County Transportation, Mt. Crested Butte Water & Sanitation District, Red Sky Ranch and Holland Creek Metropolitan District.

In summary, we believe our team is uniquely qualified to continue to meet the City’s on-call engineering needs. We have the expertise and a commitment to quality work and service that will prove to be an asset to the City as your on-call engineer. Please review the attached statement of qualifications, and feel free to call our numerous project references. We look forward to building upon our existing relationship and continuing to work with the City of Grand Junction.

Sincerely,  
JVA, INCORPORATED

By:   
Cooper D. Best, P.E.  
Regional Manager, Glenwood Springs



*JVA, Inc. (JVA) appreciates the opportunity to present our proposal to the City of Grand Junction (City) for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects. The following proposal is based on the Request for Proposal (RFP) issued on September 2, 2022 and subsequent addendums 1 & 2. JVA has the experience and necessary resources to help the City complete these projects on time and within budget.*

## **B. Qualifications/Experience/Credentials**



JVA is a civil, structural, and environmental consulting engineering firm headquartered in Boulder, Colorado, with Front Range offices in Denver and Fort

Collins, and mountain offices in Winter Park and Glenwood Springs. JVA celebrates our 66<sup>th</sup> anniversary of engineering excellence, serving municipalities, special districts, and owners throughout Colorado. Our current staff size consists of over 140 experienced engineers, designers, and administrative staff. We are committed to excellence in our service to all clients. As consulting engineers, we are dedicated to superior design, and understand the need to communicate, work as a team, and complete projects on time. JVA provides its clients with creative thinking, design sensitivity, and cost-effective engineering. We recognize that true service to the client is more than quality engineering. Continuity and efficient use of resources, meeting deadlines, and being sensitive to your needs are our primary goals.

### **Contact:**

Cooper Best, PE, Regional Manager  
JVA, Incorporated  
817 Colorado Avenue, Suite 301  
Glenwood Springs, CO 81601  
Tel: 970.404.3003  
Email: cbest@jvajva.com  
Web: www.jvajva.com

Our environmental engineering department focuses on a wide variety of water supply, water and wastewater treatment, lift stations and distribution projects. Our expertise includes raw water system design, water and wastewater utility plans, master planning, basis of design reports, process design reports, water and wastewater treatment process design, process modeling, hydraulic modeling, water distribution, storage tanks, booster stations, wastewater collection system and lift stations, financial assistance, permitting, bidding and construction services, field start-up services and operations and maintenance manuals. Our projects range from small studies to construction projects valued at over \$30 million.

“JVA has a full range of services at their fingertips – Whether structural, environmental or other, they can provide services and answers from within their company. Also, they provided structural inspection of our facility which has kept the contractor moving. It is much simpler than dealing with multiple subs, whether in design or construction. This is incredibly important when our project schedule is so short.”

—John Eklund, P.E.  
City of Grand Junction

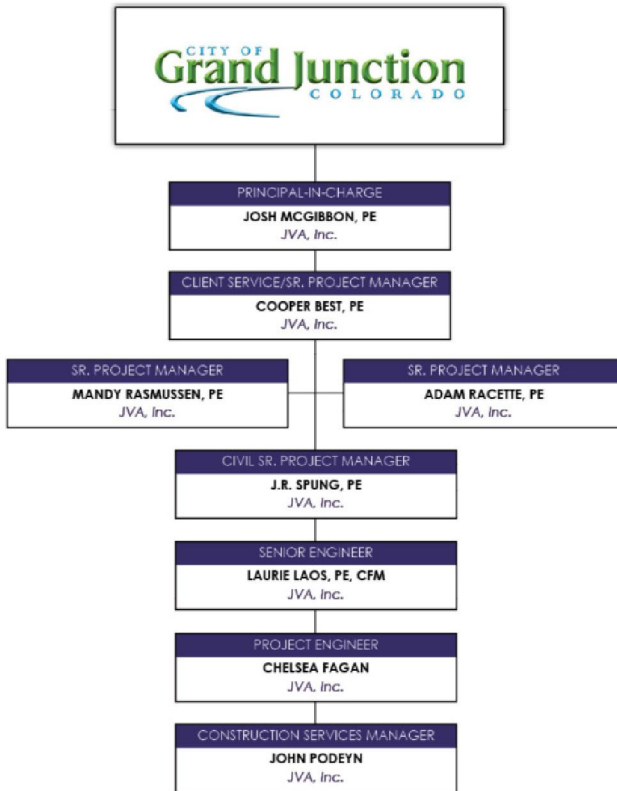
### **Key Project Staff**

JVA has assembled a team of highly skilled and experienced engineers to best serve the City. Work for on-call services will be conducted mainly from our Glenwood Springs office, and team members will be





able to easily respond to on-call requests, attend meetings, site visits, and any other items that may arise. A short description of background and related experience for key personnel follow.



**PRINCIPAL-IN-CHARGE  
Josh McGibbon, PE**



Josh will be the Principal-in-Charge and primary management liaison for any contract issues. Josh’s primary responsibility is to review the project schedule and budget, attend reviews and workshops with the client, commit project resources, and provide technical QA/QC to all design deliverables. Josh will head the JVA team based on his strong background in water and wastewater utility infrastructure work as well as his environmental department manager role. He has been the Engineer of Record for the planning, permitting and design of numerous waterline and raw water conveyance projects. He provides excellent coordination with regulatory agencies and public outreach.



**CLIENT SERVICE MANAGER  
SENIOR PROJECT MANAGER  
Cooper Best, PE**

As the Glenwood Springs Regional Manager and a Senior Project Manager at JVA, Cooper will serve as a client service manager and also assist in managing design teams for this project with the City. Cooper brings more than 22 years of engineering experience with water distribution systems, hydraulic modeling, water distribution design, wastewater collection system rehabilitation, water and wastewater treatment systems, UV disinfection, headworks retrofits, lift stations, master plans, utility plans and funding knowledge for capital projects. For this project, Cooper will coordinate with the City throughout each project and work closely with his project team members, to deliver project designs on time and within budget. Cooper has established strong professional relationships with City staff and will continue to focus on high quality designs, effective project management and superior customer service. He has worked on every City of Grand Junction water and wastewater project since the WTP Filter Upgrades in 2016.

**SENIOR PROJECT MANAGER  
Mandy Rasmussen, PE**



Mandy will serve as a Project Manager for selected projects with the City. She has 15 years of experience with utility and infrastructure improvements, master planning, capital improvement plans, design, and construction administration. Mandy excels in supporting municipalities on an on-call basis. Her collaborative management style facilitates positive problem solving while working with the City project managers, other on-call firms, subconsultants, outside agencies, and the public to best support the design project and the City.

**SENIOR PROJECT MANAGER  
Adam Racette, PE**



Adam will serve as a Project Manager for selected projects with the City.



Adam has a diverse background in planning, permitting, engineering design and construction management. His projects include lift stations, water distribution systems, collection system design, rehabilitation projects, pump stations, water treatment systems and wastewater treatment plants. Adam excels at problem solving and providing innovative designs for unique engineering challenges. Adam has experience as a consultant and city engineer which provides him with a well-rounded perspective. Adam worked on the Comprehensive Performance Evaluation (CPE) for the TCB WWTP and has done several recent solids processing projects for Cortez and Carbondale. Other recent experience includes the design of the City of Glenwood's \$28.5M, 11.5 MGD lift station and 2.0 MGD WWTF expansion, the Town of Carbondale's WWTF and sludge dewatering improvements projects, and the Town of Salida's 2.7 MGD WWTF expansion will prove to be an asset on this project.



### **CIVIL SENIOR PROJECT MANAGER** **J.R. Spung, PE**

J.R. is responsible for our Western Slope civil projects from our Glenwood Springs Office. He has been the project manager on many public and private infrastructure projects throughout the Western Slope of Colorado. J.R. has led numerous design and construction projects involving road and utility design and pays particular attention during design to aesthetics, constructability, and the user experience. J.R. has over 20 years of experience in the design and project management of infrastructure, municipal, recreational, subdivision and resort projects. He has extensive project experience in Crested Butte, Aspen, and Vail. J.R. will lead the civil team on site, utility, drainage and grading design for the new WTP, diversion structure, raw water pump station, and transmission pipelines. J.R. and his team have provided numerous development reviews for the City of Grand Junction.



### **SENIOR ENGINEER** **Laurie Laos, PE, CFM**

Laurie Laos is a senior engineer with 14 years of infrastructure planning experience, specializing in water distribution, collection, conveyance, alternative analysis, and master planning. Laurie is well versed in preparing utility design drawings, specifications, and opinions of probable costs. She is proficient in several mapping, modeling, and design programs including the EPA Stormwater Management Model (SWMM), ArcGIS and AutoCAD for developing base maps and drawings, and PCSWMM and Infoworks products. Laurie has been working with the City of Grand Junction on several diverse projects including the 2022 Comprehensive Wastewater Basin Study Update project as a subconsultant on the collection system analysis, the 2022 Waterline Replacement project, the Kannah Creek Waterline Replacement project, the Upper Kannah Creek Flowline Replacement Alternatives Analysis and Design projects, Chipeta and White Ave Waterline Replacement project, Lake Road Lift Station, Sewer Replacement Purses 6-10 and Highway 50 project, and the CNG Pipeline Repair project.



### **CONSTRUCTION SERVICES MANAGER** **John Podeyn**

John will provide feasibility, constructability and cost estimating services as well as oversee the construction management for City of Grand Junction projects as needed. With over 25 years of experience in the water and wastewater construction industry, he brings extensive knowledge of working with CMAR contracts, CPM scheduling, cost estimating and control and construction oversight. John has worked on numerous water and wastewater related projects across the state including a rebuild of the Dillon Valley District's Water Plant, Copper Mountain Water Storage Tank and the City of Gunnison's WWTF. He is a skilled construction manager, developing feasible alternatives and solutions to project challenges and





issues and meeting quality and timeline goals and objectives.



### PROJECT ENGINEER Chelsea Fagan

Chelsea is an environmental engineer with six years of experience in the water and wastewater industry. She has worked on various projects primarily focusing on water distribution and wastewater collection systems, treatment process design, and construction administration. She mainly works with mountain and western slope communities. She has worked closely with clients through all phases of projects, including planning, permitting, funding, design, and construction. Her project work includes City of Grand Junction Purdy Mesa Flowline Control Tank, water treatment plant upgrade design for the Town of Crested Butte, construction administration for several Town of Crested Butte utility projects, Mt. Crested Butte water treatment plant expansion, decentralized system designs in Eagle County, and collection system evaluation in Vail for ERWSD. Chelsea also works closely with the Leadville Sanitation District on a collection system replacement project, wastewater treatment plant upgrades, and several on-call projects. Tasks include but are not limited to funding and compliance verification, construction services, design, and permitting.

“JVA has excelled in several areas, which I consider to be of the utmost importance when working with consulting engineers: timeliness, thoroughness, and their ability to meet the project’s scope of work within budget.”

—Douglas Sullivan, PE  
Utilities Department Project Manager, City of Boulder

### Prior Experience in Similar Projects

The project summaries provided below are just a few examples that demonstrate JVA’s water and wastewater experience. Some of the water projects listed below have different applications than what may be currently designed for the City, but they are included to illustrate our technical and non-technical

skills, such as our comprehensive knowledge in water, wastewater, construction administration, work with State staff, regulatory and permitting knowledge, and understanding of planning and funding.


JVA has successfully completed numerous projects with the City of Grand Junction and has gained a strong understanding of City design standards, record drawing requirements, existing infrastructure, client needs and purchasing and construction processes. JVA has become a trusted and valued consultant by working closely with City staff and intently listening throughout the planning, permitting, design and construction stages of each project. Recognizing the City is familiar with the details and specifics of our long list of City of Grand Junction projects, JVA has chosen to list these in a table and further elaborate on our other clients and projects to show our familiarity and experience with similar projects and clients.

### JVA Projects with the City of Grand Junction


Water Treatment Plant Filter Upgrade
Lift Station Rehabilitation Project
Parks Raw Water Irrigation Supply
Persigo WWTP Raw Sewage Wet Well Rehab
Persigo Master Plan Development
Reservoir 3 Improvements
Tiara Rado Forcemain Feasibility Study
Tiara Rado Forcemain Replacement Project
Ridges and Brach’s Market Lift Station Consolidation Analysis
Hwy 50 Sewer Realignment
Sewer Replacement Parses 6-10
Purdy Mesa Flowline Control Tank
Juniata Inlet Reroute
Dos Rios Water Modeling Services
Lake Road Lift Station
CNG Pipeline Repair
Central Valley Lift Station Feasibility Study
Kannah Creek Water Storage Tank
Kannah Creek Flow Line Replacement
Kannah Creek Waterline Alignment Analysis
2022 Waterline Replacement Project
Juniata Reservoir Aeration
Chipeta Ave. & White Ave. Waterline Replacement





Basalt, CO	
	<b>Reference:</b> Robi Darcy Water Treatment Manager Town of Basalt h20@basalt.net 970.927.9013

JVA provided a comprehensive conditions assessment of the Town of Basalt's South Side Water Storage Tank (WST). Following the assessment, JVA's engineering and permitting services were requested to design the improvements to the IMG WST including interior and exterior coating replacement. JVA provided bidding and construction observation services for this important Town project. Lastly, JVA was recently selected to assist the Town with their Water Utility Master Plan.

Pueblo West, CO	
	<b>Reference:</b> Jeffrey DeHerrera, Utilities Director Pueblo West Metro District jdeherrera@pwmd-co.us 719.547.5044

### Wildhorse Return Flow Diversion and Pipeline



JVA is currently designing and permitting a 3.2 mile pipeline to collect and deliver effluent and return flows to

the Arkansas River for the District. This gravity sewer project will be constructed within private property, Pueblo County, and City of Pueblo easements and right-of-ways. Construction is to start in 2017. The District has been working on this project for several years to measure and account for their return flows and to be given credit for this water to be used for diversion to their water treatment plant. Although the

project has experienced delays due to intergovernmental agreements, permitting, and private property owners the \$4.2M project is now on schedule to be completed. The project will include diversion structures, 12-, 15-, and 18-inch PVC pipeline, manholes, and flow metering and measuring devices. Flows will be indicated and recorded using remote telemetry via satellite. Crossings include CDOT, City of Pueblo, and private property owners for utility construction and permanent installation of the pipeline.

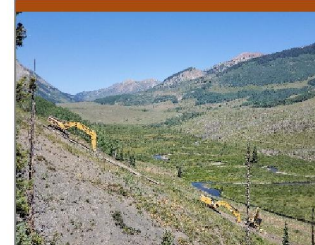
### Water Transmission Line



JVA has been providing numerous water projects for the District. This recent pipeline project included approximately 11,000 linear feet of water transmission main from the Water Treatment Plant to South

Paulding Drive, and a water main extension along South Angus Drive for Pueblo West Metropolitan District. Project includes 36-, 24-, and 18-inch PVC water transmission line to serve the Pueblo West Metro District (PWMD) and provide future capacity to a planned reservoir for the District as well as allow for greater redundancy to the current system which also serves the City of Pueblo. JVA lead a team of consultants for this design and an updated PWMD water system models to include the new transmission line.

### Mt. Crested Butte WTP Expansion Project Raw Water Pipeline Mt. Crested Butte, CO



**Reference:**  
 Mike Fabbre, District Manager  
 Mt. Crested Butte Water &  
 Sanitation District  
 mfabbre@mcbwsd.com  
 970.349.7575

JVA designed and permitted the Mt. Crested Butte Water and Sanitation District (District) Water Treatment Plant (WTP) Expansion. The District's





WTP is a 1 MGD direct filtration water treatment facility consisting of flocculation, sedimentation and filtration in packaged unit followed by chlorine disinfection. The WTP treats water from the East River, Malensik Ditch, and four springs. The project includes capacity expansion to 1.5 MGD firm capacity and changing to membrane filtration for the new water treatment plant and construction of a new East River raw water pump station.

These improvements will provide adequate system redundancy during peak demands. The project also includes a new redundant raw waterline connecting the pump station to the water treatment plant. In addition to process improvements, the project includes repurposing the existing water treatment plant building and a new administration building with a water quality laboratory, operations room, kitchen, locker rooms, and operations offices. As part of the permitting process, JVA prepared a comprehensive Basis of Design Report (BDR) which analyzed current and projected full buildout peak demands to comply with CDPHE design criteria for potable water systems. The project utilized the Construction Manager and Risk (CMAR) project delivery method and was funded by the State Revolving Fund. JVA worked with the District and CMAR (Moltz Constructors) for developing the Guaranteed Maximum Price and final construction documents.

To meet the demand of the proposed WTP Expansion, a 12-inch waterline was designed adjacent to the existing 8-inch waterline to connect the new pump station to the WTP. The existing 8-inch line was intended to remain in place for future redundancy. JVA coordinated this design effort with the USFS to utilize and expand the existing easement which spans approximately 2,800 feet with a vertical elevation change of 540 feet.

#### Eagle River Water & Sanitation District Vail, CO



##### Reference:

Jeff Schneider, Engineering Supervisor  
Eagle River WSD  
jschneider@erwsd.org  
970.477.5415

JVA has worked with the District on numerous water and wastewater projects including planning, permitting and design for water distribution lines and wastewater collection system systems. Projects have included the Sundial Sewer analysis and sewer replacement, Meadow Lane Sanitary Sewer Improvements, Main Gore Waterline Replacement, North Frontage Road Waterline, Edwards WWTF HVAC replacement and the Booth Falls WTP improvements.

#### Town of Estes Park – Prospect Mountain Water Distribution System Improvements, Estes Park, CO



##### Reference:

Chris Eshelman, Water Superintendent  
Town of Estes Park  
ceshelman@estes.org  
970.577.3630

After completing preliminary planning, hydraulic modeling, project funding support, design, and easement negotiations, JVA is starting Construction Admin services for the Prospect Mountain water distribution system improvements in the Town of Estes Park. The project components include 30,000 linear feet of water main distribution replacement, a new booster pump station, and a new 180,000 gallon potable water storage tank. The overall project has consisted of a preliminary engineering report, hydraulic modeling, environmental report, loan application through the United States Department of Agriculture (USDA) Rural Development (RD) program, and over 30 new private property easements. In order to achieve the required design schedule, the available Town GIS information was used to complete



the preliminary design concurrent to completing the topographic survey used for final design.

### Parkville Water District WTP Improvements Leadville, CO



**Reference:**  
Greg Teter, General Manager  
Parkville Water District  
gteter@parkville.org  
719.486.1449

JVA assisted the Parkville Water District with securing funding through the State Revolving Fund Program for improvements to their 2.2 MGD Water Treatment Plant in Leadville, Colorado. This \$1.2M project included replacement of two existing Trident units filter underdrains and media, as well as the addition of blowers, air scouring, and new low-rate backwash pump to improve the efficiency of the backwash system. Additional improvements included the rehabilitation the existing Trident tanks and upgrading of the controls system. JVA worked with the District and equipment manufacturer to pre-purchase the major equipment. Design and permitting for this project began in the fall of 2018 and construction was completed in the Spring of 2020. JVA teamed up with Glacier Construction for a Construction Manager at Risk (CMAR) project delivery method with a Guaranteed Maximum Price.

JVA also assisted the District with expansion of their WTP to permit and design an additional filter train and building adjacent to the existing WTP. This project is currently under construction.

### Woodmoor WSD On-Call Engineering Services Monument, CO

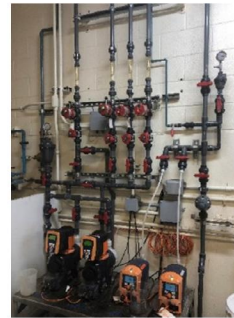


**Reference:**  
Jessie Shaffer, District Manager  
Woodmoor WSD  
JessieS@WoodmoorWater.com  
719.488.2525

JVA is the On-Call Engineer for Woodmoor Water and Sanitation District No. 1 and has completed

projects for Woodmoor since 2018. Projects include routine waterline replacements as part of their annual R&R program as well as major capital projects with construction costs over \$7 million. Through these projects JVA has built a relationship with local agencies and contractors that assist with the success of this project.

### South Water Treatment Plant Improvements



JVA designed improvements to the District's 3 MGD South Water Treatment Plant (SWTP) which included replacing the onsite sodium hypochlorite generation system, relining an existing FRP tank to store 5,000 gallons of sodium hypochlorite, new duty/standby chemical metering pumps, replacing the PLC, and modifying the raw water feed system to alleviate pressure surges and metering issues.

### Central Water Treatment Plant Improvements



JVA designed and permitted improvements required to convert the District's 1.7 MGD Central Water Treatment Plant (CWTP) from a groundwater treatment facility to a surface water treatment facility. This project included replacing the clarifier and filter media; replacing the underdrains; adding air scour; recoating the filter units; adding filter-to-waste; optimizing pretreatment for iron, manganese, and radium; new chemical feed and storage systems; adding a raw water blending tank; replacing the PLC; and installing instrumentation and controls. JVA is advising the District on complying with the draft TENORM regulation due to elevated levels of radionuclides in the raw water sources. JVA performed a demonstration scale study in compliance with CDPHE for radium removal.

### Lake Pump Station

JVA designed and permitted a new 6 MGD raw water pump station at Lake Woodmoor to feed the SWTP and CWTP. The project included 3,000 feet of new





raw water transmission line to tie the pump station into the CWTP, draining the Lake, and constructing 50 feet deep wetwell equipped with six submersible pumps.

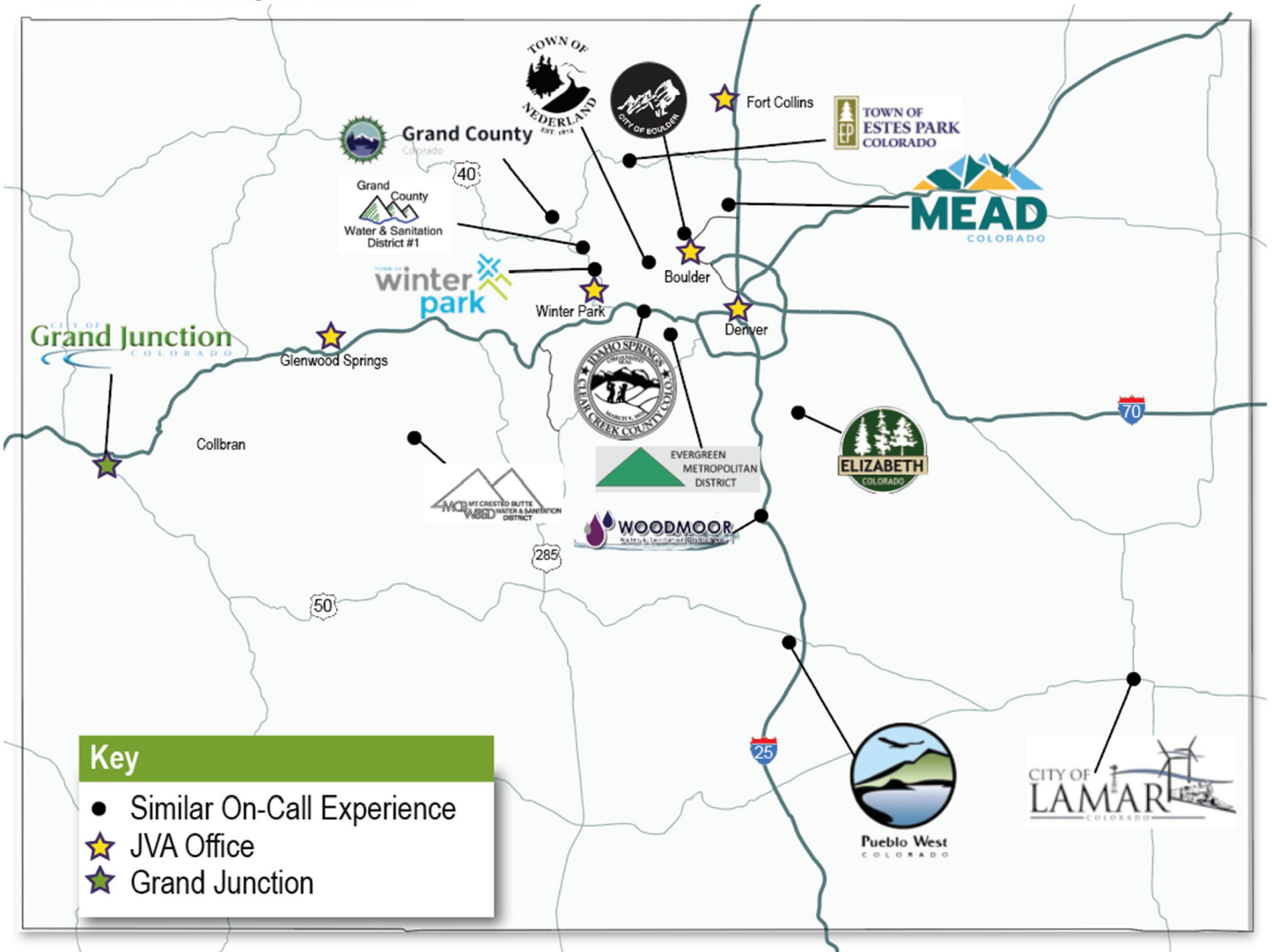
### Well No. 21 & Well No. 22



JVA designed and permitted a new 350 GPM groundwater well at Well 21 and 200 GPM at Well 22. The projects included permitting, constructing a new

building, process piping, civil site piping, grading, equipping the wells, instrumentation, and controls.

### Recent Municipal Clients





## C. Strategy and Implementation Plan

JVA’s approach to on-call engineering services is to work closely with the City to provide a customized strategy, scope, schedule and fee for each on-call project. This emphasis on individualized design implementation is one of many factors that set JVA apart from other consultants. While our primary focus is excellence in design, our team’s emphasis on customer service and responsiveness are critical attributes for a successful on-call project team. The project team JVA has assembled has extensive previous experience with the City of Grand Junction and are familiar with City staff and procedures.

JVA works with numerous municipalities and districts for water and wastewater on-call services including the Mt. Crested Butte Water & Sanitation District, Skyland Metro District, East River Regional Sanitation District, Town of Mead, Town of Berthoud, Town of Lochbuie, Pueblo West Metro District, City of Loveland to name a few and have performed services very similar to the services the City is requesting in this RFP. On-call water and wastewater services can range from project planning and phasing, feasibility studies, initial project design, final design, construction document, scheduling, budgeting and development of opinion of probable construction costs. JVA is very versed and skilled in all these areas and can bring this to the City to best fit their project needs.

We pride ourselves on excellent communication with our clients. Every client has a different communication style and knowledge base to which we adapt and excel in creating an atmosphere of clear, confident communication. We recognize that an ongoing consulting relationship requires a variety of communication forums that range from phone conferences and in-person plan reviews and consultations.

We have found our bi-weekly meetings with City staff both from the water and wastewater departments has contributed to keeping our projects on track and

all parties informed of past, current and future design activities.

“JVA makes sure our plans are going to work – Updating an old treatment plant to current standards is no small feat. JVA coordinated local and state design standards (including getting exemptions approved), equipment suppliers, and sub-consultants seamlessly to create a comprehensive project plan set in a mere 62 days.”

—John Eklund, PE  
City of Grand Junction

### Project Management

JVA is proactive in our approach to project management. Throughout each project, JVA’s project manager will regularly report and hold work sessions with City Staff. This will include weekly telephone contact and regular in-person progress reports. JVA’s project manager will also be the Client Manager and perform the following roles:

- Manage the interface between JVA and City to ensure the product is consistent and high quality.
- Ensure effective lines of communication are established and maintained between City and JVA.
- Plan and program JVA inputs to ensure efficient and effective delivery of any project
- Provide regular reports in a format agreed with City Staff.
- Ensure all documents issued by JVA have been verified in accordance with the Project Quality Plan.
- Ensure all invoices have sufficient detail to demonstrate that accepted staff have worked on projects in the proportions as offered.

JVA project managers ensure projects are completed within budget and on-time by utilizing several tools including:

- A Project Work Plan
- CPM project schedules
- Weekly internal project meetings





- Bi-weekly City meetings with agendas, action items and minutes
- Monthly face-to-face client meetings to review all current and future projects
- QA/QC checklists and internal reviews
- Frequent communication including emails, phone calls and texts
- Superior customer service and responsiveness

The team prides itself on being cost conscience by meeting schedule of both City and any necessary review agencies. We constantly improve the quality of our work product and continue to improve the process of quality assurance with our thorough QA/QC program.

Project reduce the schedule's critical path time by simultaneously performing tasks that do not rely on one another. We believe the key to good cost and schedule tracking is communication and meet frequently as a project team to coordinate as the project progresses.

We believe the key to maintaining project status is to meet with City staff on a regular basis. Our project success is a result of close coordination and communication with owners, designers, contractors and vendors, allowing us to serve you more effectively. Project progress is regularly communicated through the design, review, construction, and inspection procedures on all projects. This careful attention to your needs creates projects that run smoothly and efficiently with fewer challenges.

"We put in over 10,000 feet of water transmission pipeline greatly needed for the West side for the last 10 years. Now we are about half way through the water treatment plant expansion that I feared would not happen due to new regulation requirements. You guys worked long and hard with CDPHE to get us what we need to meet all requirements."

—Scott Eilert, Pueblo West Metro District  
Director of Utilities

## Water and Wastewater Infrastructure Design

JVA has extensive experience in the design of water and wastewater conveyance infrastructure replacement and rehabilitation. We have provided these services for municipalities to aid in future planning discussions and infrastructure upgrades. Additionally, our recent experience with the City on the Raw Water Irrigation Pipeline project have provided us with invaluable experience and familiarity with the City's preferences and design standards which will expedite future design efforts and reduce anticipated engineering fees.

Our on-call experience has provided us with a keen ability to react and plan accordingly and has broadened our knowledge of utility design and infrastructure maintenance. This experience is invaluable to providing responsive and comprehensive utility designs.

JVA's general utility design capabilities:

- Waterline (transmission and distribution) Design
- Sanitary (interceptors and collection pipelines) Replacement and Rehabilitation Design
- Capital Improvement Planning and Budgeting
- Project and Construction Sequencing
- Sanitary Sewer Infrastructure Planning and Modeling
- Waterline Infrastructure Planning and Modeling
- Lift Station Design, Rehabilitation, and Permitting
- Opinions of Probable Costs

Construction Administration and Resident Engineering Services

## D. References

---

References can be found next to each project writeup in the Prior Experience section above.

## E. Fee Proposal

---

We understand and agree with the City's priority of obtaining the highest quality professional engineering services, and at the same time needing to meet limited



budgets. We also realize there is a benefit to JVA for having an extended standing-order contract, and we propose to discount our hourly rates to the City of Grand Junction accordingly. JVA will discount our standard hourly billing rates by approximately 10 percent from our current annual rates for on-call engineering and about 20 percent for construction

observation. A sample of our standard rates and discounted rates for 2022 are shown in the table below. Our discounted billing rates will apply to all City work and projects that are billed on a time and materials basis. Billing rates are updated on an annual basis in January of each year.

<b><i>Project Team Member</i></b>	<b><i>2022 Standard Rate</i></b>	<b><i>2022 Discounted Rate</i></b>	<b><i>2023 Standard Rates (Estimated)</i></b>	<b><i>2023 Discounted Rates (Estimated)</i></b>
<i>Principal-In-Charge</i>	\$216	\$194	\$220	\$198
<i>Client Service Manager</i>	\$184	\$166	\$188	\$169
<i>Senior Project Manager</i>	\$180	\$162	\$184	\$166
<i>Senior Engineer</i>	\$160	\$144	\$164	\$148
<i>Construction Services Manager</i>	\$152	\$137	\$156	\$141
<i>Project Engineer</i>	\$132	\$120	\$136	\$122
<i>Design Engineer</i>	\$120	\$108	\$124	\$112

JVA understands the contract will commence upon award and run through November 3, 2023. JVA respectfully requests to negotiate a standard rate increase each year the contract is extended upon mutual agreement between the City and JVA.

The Addendums requested an estimated fee for each project based on limited available information. JVA has outlined estimated fee range below based on the information provided in the addendums and will provide a detailed scope and work breakdown structure for each project after discussing the projects in detail with the City in scoping meetings. Fees can be highly dependent on project specifics including utility conflicts, permitting and hydraulic analysis.

Water Line Replacements - \$185,000 – \$275,000

Sewer Line Replacements - \$295,000 - \$400,000

Sewer Capacity Projects - \$80,000 - \$100,000



## F. Legal Proceedings/Lawsuits

JVA has not been involved in any lawsuits or legal proceedings in the past three years. JVA has not filed a lawsuit against any party nor made any claims against an owner.

“The Town considers JVA our “go to” engineering firm, and they have continued to respond to our needs with timely and effective recommendations and design efforts. We look forward to many years ahead with JVA as our primary consulting engineering firm.”

—Michael J. Hart, Town Administrator, Berthoud, CO

## G. Additional Data – Schedule

The schedule below outlines the key milestones for design for water and sewer line replacements assuming 7,000 linear feet of 6-inch water mains and 24,000 feet of 8-inch sewer lines. A detailed project schedule will be provided at the project kickoff for review and input by the City. The schedule will be updated monthly throughout the project and reviewed during each City meeting.

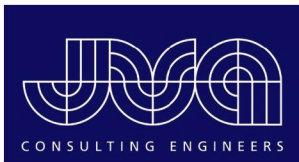
Project Milestones	2022				2023												2024		
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Notice to Proceed																			
Project Kickoff					★														
Survey & Geotech																			
30% Design																			
30% Workshop																			
90% Design																			
90% Review Workshop																			
Final Bid Documents																			

Project Milestone = ★



# RESUMES

---



# Josh J. McGibbon, PE

## Vice President, Environmental Engineering

### Education

B.S. Montana State University,  
Civil Engineering, 2000

### Registration

Professional Engineer:  
Colorado, 2006

### Professional Organizations

Water Environment Federation

Rocky Mountain Water  
Environment Association –  
Executive Committee

American Water Works  
Association



### Project Experience

Principal, Project Manager or Engineer of Record for the following Facilities:

**City of Grand Junction, Grand Junction, CO** – Principal-in-Charge for several water and wastewater projects including the Persigo WWTP Influent Wet Well Rehabilitation, Water Treatment Plant Upgrades and the Parks Raw Water Irrigation project. The raw water project included the repair of a pre-1940's era concrete lined basin. The basin measured 390 feet by 264 feet and had thousands of feet of joints and exhibited evidence of leaking. JVA evaluated several repair options and with input from the City a polypropylene geomembrane membrane liner was selected for this project. The Persigo WWTP project involved the inspection of cast-in-place concrete structures that exhibited varying degrees of corrosion due to hydrogen sulfide exposure. For this project JVA worked with coating manufacturers to develop a rehabilitation and coating system that would provide long term protection to the affected structures. Current projects include a forcemain feasibility study for the Tiara Rado Lift Station, design and permitting to replace the Ridges lift station and waterline design.

**Woodmoor Water and Sanitation District 2021 Water Capital Improvement Projects, Monument CO** – Principal-in-Charge for the design of the improvements to South Water Treatment Plant (SWTP), Central Water Treatment Plant (CWTP) expansion, and new Lake Pump Station, and new Well No. 21. The SWTP and CWTP are designed with oxidation and filtration for iron and manganese and both surface water and groundwater compliance. Each plant is designed to be converted seasonally from groundwater only to surface water. The projects included a new well and building, pretreatment building, filter replacement, chemical feed modifications and a new pump station.

**Mesa County Whitewater Lift Station Hydrogen Sulfide Abatement Project, Whitewater, CO** – Principal-in-Charge to investigate odor control alternatives to reduce hydrogen sulfide concentrations from the Mesa County Whitewater Lift Station and forcemain. The Whitewater Lift Station discharges wastewater to the Clifton Sanitation District via dual 8-inch and 10-inch forcemains that are approximately 13,000 feet long. The low influent flows to the Lift Station require pumps to cycle only once per day resulting in several days of retention within the forcemain. Anaerobic conditions in the forcemain create excessive hydrogen sulfide concentrations in the wastewater. The project evaluated alternative technologies to abate hydrogen sulfide formation. The County's preferred solution was to add calcium nitrate into the lift station wetwell. JVA designed and completed a four-month long calcium nitrate pilot with Evoqua and successfully reduced concentrations to non-detectable limits. The pilot system was purchased by the County and implemented as the long term solution.

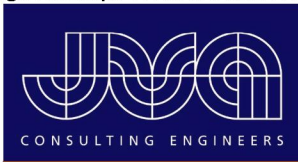
**Mill Creek Park Water and Improvements Association (MCPWIA), CO** – Engineer-of Record for the construction administration of the \$1.5M Distribution and Meter Replacement Project. The project includes replacement of approximately 10,000-feet of dilapidated galvanized steel distribution piping, associated valve vaults, blow off valves, and siteworks. The project is funded through a combination of USDA grants and loans, and is managed and administered in accordance with USDA's requirements.

**City of Lamar Water Distribution System Replacement, Lamar, CO** – Principal-in-Charge for the design of approximately 22,000 feet of 6", 8", and 12" waterline replacement throughout the City of Lamar in conjunction with CDOT Main Street Rehabilitation project. Design included hydraulic calculations, pipeline alignment, tie-in details and construction documents. Performed construction administration for the duration of the project, reviewing submittals, field engineering for below grade unforeseen conditions, and construction meetings. Provided oversight for final commissioning, including tie-in and switchover, flushing, pressure testing and disinfection.

**Prospect Mountain Water Distribution System Improvements | Town of Estes Park, CO** – Principal-in-Charge for the design of the water main distribution replacement, new booster pump station, and new storage tank for the Prospect Mountain service area in the Town of Estes Park. This project consisted of a preliminary engineering report, environmental report, loan application through the United States Department of Agriculture (USDA) Rural Development (RD) program, and over 30 new private property easements. To achieve the required design schedule for 30,000 LF of water distribution mains, the available Town GIS information was used to complete the preliminary design concurrent to completing the topographic survey.

**Pueblo West Metropolitan District Wildhorse Wastewater Return Flow Pipeline, Pueblo West, CO** – Principal-in-Charge of design and permitting of a 3.2-mile pipeline to collect and deliver effluent and return flows to the Arkansas River for the District. The project will include groundwater diversion structures, 12", 15", and 18" PVC pipeline, manholes, and flow metering and measuring devices. Flows will be indicated and recorded using remote telemetry via satellite. Crossings include CDOT, City of Pueblo, and private property owners for utility construction and permanent installation of the pipeline.





## Cooper D. Best, PE

**Sr. Project Manager, Regional Manager, Environmental Engineering**

### Education

B.S. Texas A&M University,  
Civil Engineering, 2000

M.S. Colorado School of Mines,  
Environmental Engineering,  
2009

### Registration

Professional Engineer:  
Colorado, 2005

### Professional Organizations

Water Environment Federation

Rocky Mountain Water  
Environment Association –  
Executive Committee

American Water Works  
Association



### Project Experience

Project Manager or Engineer of Record for the following Facilities:

**Mt. Crested Butte Water & Sanitation District, Mt. Crested Butte, CO** – Project Manager for a variety of projects with the District including the Water Treatment Plant, Raw Waterline and East River Pump Station Improvements, WWTF UV Building, WWTF Process Building Improvements, Splitter Box and EQ Basin Building Improvements, Construction Observation services, Paradise Lift Station Pump Analysis, Paradise Lift Station Building. Services have included planning, permitting, design, bidding and construction services.

**City of Grand Junction:** Cooper has worked on all City of Grand Junction water and wastewater projects primarily as the client service manager and project manager. A few reference projects are described below.

**Grand Junction Kannah Creek Flowline Replacement Project, Grand Junction, CO** – Project manager for design of 6,200 lineal feet of new 20-inch PVC raw water pipeline to replace the existing raw waterline along the Junita Reservoir, 1,240 lineal feet of 6-inch PVC waterline off the raw waterline to connect into the feed for the water treatment plant, and a 20-inch PVC discharge pipeline into the Juniata Reservoir. The project included using existing GIS data as the base files and minimal survey to design the pipeline alignment. Used site visit and City knowledge to determine connection locations and design constraints.

**Grand Junction Upper Kannah Creek Waterline Replacement Project, Grand Junction, CO** – Project Manager for an alternatives analysis for the two proposed alignments for the Upper Kannah Creek Waterline from the intake structure to Purdy Mesa Road. The alternatives analysis included preliminary design of the two alignments, cost estimates, determination of number of easements, ease of installation based on slopes and pipeline locations, and ease of the Kannah Creek crossing. Once an alternative was decided by the City, in process of completing the construction documents for the Upper Kannah Creek Waterline. Coordinated with surveyor to complete easement descriptions, made adjustments to the design for private property constraints, and worked with City to work through design and construction concerns.

**City of Grand Junction WTP, Grand Junction, CO** – Project Manager for design and permitting of filter upgrades to the City of Grand Junction 16.0 MGD Water Treatment Plant. The project included replacing the existing filter underdrains and media as well as the addition of new blowers and air scour. The project was a fast track design with only 60 days to complete and submit to CDPHE. The design included converting the existing filters from surface wash to air scour. JVA working extensively with Leopold to pre-purchase the equipment to meet the aggressive schedule. The project was constructed by Moltz Construction on schedule and within budget.

**City of Grand Junction Raw Waterline, Grand Junction, CO** – Project Manager for a large raw water transmission main project for the purposes of delivering raw water from the City's Water Plant to City property located in west Orchard Mesa and the north side of the Colorado River water front. The project entails rehabilitation or sliplining of approximately 5800 feet of abandoned 16-inch water line, extension of approximately 2050 feet of 12 to 16-inch water line, 2000 feet of rehabilitation or sliplining of 2000 feet of abandoned 20-24 inch cast iron/steel then 1400 feet of 12-inch line to the proposed Riverfront at Las Colonias Park development. The design includes a bridge crossing. Services include water system modeling, CDOT permitting, stakeholder meetings, Army Corps permitting, construction drawings, specifications and construction administration.

**Sunnyside HOA WTP, Telluride, CO** – Project Manager for a new membrane treatment facility for this system outside of Telluride. The project included expanding the existing building, designing the new treatment facility including raw water piping, storage and pumping as well as disinfection and finished water pumping. Services included planning, permitting, design, bidding and construction services.

**Skyland Metro District, Crested Butte, CO** – Project Manager for a comprehensive water master plan for the District. The plan included reviewing water demands, creating a hydraulic water model, and outlining near and long-term improvements to the District's water treatment plant, pump station, distribution system and water storage tanks. Currently designing a waterline loop to increase fire flows in the system. Also designing backup generator power to critical disinfection and pump station facilities. Additional district projects have included design for waterline looping in the distribution system.





## Mandy M. Rasmussen, PE

Fort Collins Regional Manager, Environmental Engineering

### Education

M.S. Colorado State University,  
Environmental Engineering  
course work, 2006-2008

B.S. Colorado State University,  
Environmental Engineering,  
2006

### Registration

Professional Engineer:  
Colorado, 2014

### Professional Organizations

Rocky Mountain Water  
Environment Association  
Water Environment Federation  
American Water Works  
Association  
Colorado Foundation for Water  
Education



### Project Experience

Project Manager or Engineer for the following Facilities and Utilities:

**Grand Junction On-Call Engineering Services, City of Grand Junction, CO** – Project manager for several City of Grand Junction projects including the Lake Road Lift Station, Sewer Replacement Purses 6-10, Hwy 50 Sewer Realignment, Lift Station Consolidation Analysis, Purdy Mesa Flowline Control Tank, and the Chipeta Ave. & White Ave. Waterline Replacement project. Previous work with the City as a design team engineer included various hydraulic model analyses for the City's raw water, irrigation, potable water, and sanitary sewer systems as part of the on-call engineering services.

**Prospect Mountain Water Distribution System Improvements, Town of Estes Park, CO** – Project Manager responsible for the design of the water main distribution replacement, new booster pump station, and new storage tank for the Prospect Mountain service area in the Town of Estes Park. This project consisted of a preliminary engineering report, environmental report, loan application through the United States Department of Agriculture (USDA) Rural Development (RD) program, and over 70 new private property easements. To achieve the required design schedule for 30,000 LF of water distribution mains, the available Town GIS information was used to complete the preliminary design concurrent to completing the topographic survey. Construction is starting now in October 2022 and anticipated to reach substantial completion by November 2024.

**Mount Crested Butte Water and Sanitation District, Sanitary Sewer I/I Study, Mount Crested Butte, CO** – Coordinated a temporary flow monitoring program to identify areas with the most inflow and infiltration (I/I) to the sanitary sewer collection system. The resulting I/I study completed as part of the District's discharge permit compliance schedule, included analysis of the flow monitoring data, review of water usage data to estimate population and determine the per capita I/I for the system, and recommendations for annual I/I mitigation.

**PEMPWCo Water Distribution System Improvements, Town of Estes Park, CO** – Project Manager responsible for the design of the water main distribution replacement for the Park Entrance Mutual Pipeline and Water Company (PEMPWCo) in the Town of Estes Park. This project consisted of a preliminary engineering report, environmental report, loan application through the United States Department of Agriculture (USDA) Rural Development (RD) program, design, bidding, and construction administration. This project included replacement of asbestos cement (AC) pipe which required specialized repair fittings during construction and for each tie-in location to existing AC pipe.

**Berthoud Regional I-25 Water Distribution and Wastewater Collection Systems, Berthoud, CO** – Design and construction administration of this water distribution and sanitary sewer collection system project includes approximately 4,500 linear feet of water transmission main with a Pressure Reducing Valve (PRV) with Master Meter Vault interconnect with the Little Thompson Water District (LTWD), and 8,000 linear feet of sanitary sewer main with connection to the Berthoud Regional Wastewater Treatment Facility (WWTF). The water distribution system, PRV Vault, collection system, and WWTF are all part of one Construction Manager at Risk (CMAR) alternative delivery method contract. The distribution system and collection system projects include 16-inch water transmission line, 15-inch and 12-inch sanitary sewer line, three I-25 bore with casing crossings, and one Little Thompson River crossing to ultimately serve the entire Berthoud I-25 service area. JVA lead all permitting efforts including those with NFRWQPA, CDOT, USACOE, CDPHE, and design approval from the LTWD.

**Ashcroft Draw Sanitary Sewer Project, Greeley, CO** – Design and Construction Administration of 6,000 linear feet of 18-inch gravity sewer called the Ashcroft Draw Sanitary Sewer project. The sewer conveys wastewater from the Ashcroft Draw drainage basin to the Sheep Draw drainage basin. The new sewer was sized to accommodate a large growth area south of State Highway 34 near the vicinity of 71<sup>st</sup> Avenue.

**Berthoud Parkway Sanitary Sewer, Berthoud, CO** – Three developments within the Town of Berthoud all required a common trunk sewer through each development to satisfy the Town's master plan and development agreements. JVA worked with the Town to review the developer utility plans to confirm all sewer capacity requirements were met and to establish the reimbursement criteria for upsized sewers. JVA performed construction administration on behalf of the Town for all work within the three developments including 18,000 feet of 10-inch to 18-inch sanitary sewer, a Colorado Department of Transportation (CDOT) Highway 287 auger bore with casing crossing, and a private irrigation ditch hammer bore with casing crossing.





## Adam M. Racette, PE

Senior Project Manager, Environmental Engineering

### Education

B.S. Michigan State University,  
Civil Engineering, 2002

### Registration

Professional Engineer:  
Colorado, 2009

### Professional Organizations

Rocky Mountain Water  
Environment Association

American Water Works  
Association



### Project Experience

**City of Grand Junction Wet Well Coating Project, Grand Junction, CO** Provided a complete evaluation of six existing concrete structures that were in various stages of corrosion and deterioration at the City of Grand Junction's 12.5 MGD Persigo WWTF. Extensive research into rehabilitation options was completed on behalf of the City and summarized into a report, which included pros and cons of each recommendation. A design centered on the City's preferred option was completed, which included include an in depth bypass pumping plan for the influent flow.

**City of Grand Junction Water Treatment Plant Filter Upgrade Project, Grand Junction, CO** – Project Engineer for a filter upgrade project at the City of Grand Junction's WTP. The 14 MGD plant required underdrain, media and control upgrades. The existing Wheeler block underdrains were removed and replaced with Leopold underdrains with air scour to improve filter performance and extend filter run times. The Leopold underdrains and media caps helped reduce the new media profile thereby reducing media costs and allowing longer air scour times. Other improvements included the additional of blowers, repurposing existing buildings, air piping, and controls upgrades.

**Town of Hayden On-Call Engineering Services, Hayden, CO** – Provide on-call engineering services for the Town of Hayden. Responsibilities include development review services, water and wastewater treatment design, and transportation design services. Projects have included CDPHE permitting for both of Hayden's water and wastewater plants, upgrading the WTP filters, performing a comprehensive improvement plan of the WTP, water storage tank upgrades, road rehabilitation and design, construction administration for a new water storage tank, watermain and pump station improvements.

**City of Glenwood Springs WWTF and Lift Station, Glenwood Springs, CO** – Design engineer for a new 8,000 gpm lift station and 2.0 MGD WWTF. The \$28.5 million capital improvement project to relocate the Rotating Biological Contactor wastewater treatment facility constructed in 1978 from central Glenwood Springs to a new parcel near West Glenwood along I-70 and the Colorado River. The project included feasibility studies, treatment evaluations and site selection for the construction of a new Lift Station, Force Main, Headworks, biological treatment process, clarifiers, RAS/WAS pumping facilities, covered aerobic digesters (block CMU with twin tee roof), UV disinfection, biosolids dewatering and disposal facilities. Advanced odor control was incorporated at all facilities.

**City of Delta WWTF Improvements, Delta, CO** – Project manager and engineer for aerobic digester improvements including a new aeration system, mixing system, controls and covering the basins. Services included planning, permitting, design, cost estimating, bidding and construction administration

**Crested Butte WWTF Comprehensive Performance Evaluation (CPE), Crested Butte, CO** – Project Engineer for the development of a CPE report. The main goal of the CPE report was to determine the current hydraulic and organic capacities of the wastewater treatment facility and determine limiting factors on performance. The CPE was also used to identify capital improvements necessary to enable the WWTF to consistently meet current and foreseeable future permit limits and reuse treatment requirements. Operations and management requests for improvements were also taken into consideration throughout the report.

**Mid-Valley Metropolitan District (MVMD) Water Modeling & Asset Review, Basalt, CO** – Performed a comprehensive review of the District's water infrastructure system, including all pumping stations, tanks, wells, watermain and controls. Verified watermains were sized correctly, fire flow requirements were met, tank capacity was adequate and wells were capable of providing the maximum daily flow to the system. Created a list of existing assets and performed a conditions based assessment that was used to determine upcoming utility replacements.

**Town of Rangely WTP Improvements, Rangely, CO** – Project manager and engineer for major water treatment plant improvements including new underdrains and an air scour system. Services included permitting, design, cost estimating, bidding, and construction management.

**City of Salida WTP Improvements Phase I, Salida, CO** – Project manager for Phase I water treatment plant improvements including new underdrains, blower and air scour. Project included permitting, design, cost estimating, bidding, and construction management.

**Town of Hayden Seneca Hill Water System Improvements, Hayden, CO.** Performed inspection services for a new water storage tank, water distribution transmission lines and pump station improvements. Performed site inspections, review pay applications and change orders, attended construction meetings and reviewed project schedules.



## J.R. Spung, PE

Senior Project Manager, Civil Engineering

### Education

B.S., Civil Engineering Florida State University, 2002

### Registration

Professional Engineer Colorado, 2008



### Project Experience

Project Engineer for the following Projects:

#### **Grand Junction Lincoln Park Stoker Stadium & Suplezio Field Renovation, Grand Junction, CO –**

The scope of work for this project was the design of the replacement of the north Suplezio Field and west Stoker stands. New restroom buildings, paved areas including utilities for food vendors and the realignment and replacement of the existing sanitary sewer at the corner of 12th Street and North Avenue were included in the design. The project was designed with Perkins and Will and started in 2021. Construction began in the fall of 2021 and was completed in 2022.

#### **Grand Junction On-Call Development Review Engineer, Grand Junction, CO – Project Manager**

overseeing engineering review for the City of Grand Junction. The city assigns JVA projects to review and we review all engineering aspects of the project for general engineering practices and that they meet all City standards. Reviewed plans include roadways, utilities, erosion control and grading drainage including drainage reports.

#### **Town of Crested Butte On Call Engineering, Crested Butte, CO – JVA**

currently provides on-call engineering and development review services to the Town of Crested Butte. Starting in 2018, JVA started updated the earthwork, water and wastewater standards in the town Public Works Manual. JVA is currently working on updating the stormwater criteria for the Town as they prepare to start a Stormwater Master Plan. Construction on improvements to the Town water treatment plant finished up in 2019. JVA did all the design for the improvements which included adding a 4th microfiltration membrane skid, upgrading the pretreatment system, a building expansion and upgrading the instrumentation and controls. JVA has also worked on the Town wastewater treatment plant. Projects include a mixing zone study and energy audit as well as several smaller projects

#### **Cameo Shooting and Education Complex, Cameo, CO – Project manager**

for the expansion of the existing Colorado Parks and Wildlife shooting range outside Grand Junction. The Cameo Shooting and Education Complex is a 2,000-acre top destination for organized shooting competitions with competitors coming from all over the world. The range currently consists of 7 public shooting bays, an archery bay, a 3D archery course, a long-range precision course and a sporting clays course. The scope of our project consisted of designing a new visitor center, banquet hall and fishing pond. The visitor center would have an indoor range, vendor spaces, a restaurant, and classrooms. “Arrowhead Lake” would be an aesthetic entry feature along with being a fully stocked finishing pond. The banquet hall would accommodate large events with up to 2,000 people. JVA is designing all site features including access, parking and utilities for these facilities along with a wastewater treatment plant.

#### **North Village, Mt. Crested Butte, CO – Project Manager**

for the master planning of the 170-acre parcel at the base of Snodgrass Mountain on the north end of Mt. Crested Butte. This new development will feature two hotels, a new mixed-use village, multi-family, single family and affordable housing, a new campus for the Rocky Mountain Biological Laboratory, a welcome center and transit stop and a new gondola tying the development to the Crested Butte Ski Area. JVA is designing all the infrastructure to gain PUD approval from the Town of Mt. Crested Butte.

#### **Snowmass Base Village, Snowmass Village, CO – Project manager**

for all infrastructure construction for Phase I of the Snowmass Base Village project including all utilities, roadways, bridges, and a three story parking garage. Also managed three offsite projects: a buried one million gallon water tank, a pedestrian/fire access bridge and a water pump house. Worked closely with multiple contractors, inspectors, municipalities and neighbors to keep all the projects on track. Met with contractors frequently to maintain construction quality, schedule and budget. Managed the entire site’s Storm Water Management Plan and worked with the water consultant to make sure the site was in compliance with all state storm water guidelines.

#### **Bear Ranch, Somerset, CO – Project manager**

for this design and construction of a remote 100 building private ranch/resort complex. Managed the design of a complete state permitted water and waste water system. Designed a 4-mile-long access roadway, all site grading, utility, drainage and erosion control. Managed coordination of electric and communication design. Managed construction and as built survey on site. Provided the lead role in infrastructure construction administration throughout construction. Took on role of owner’s representative towards the end of the project. In charge of architect, engineer, surveyor and contractor design and construction coordination, administration, scheduling and budgeting in that role.





## Laurie A. Laos, PE, CFM

Senior Engineer, Environmental and Civil Engineering

### Education

M.S. Civil Engineering,  
Colorado State University, 2014

B.S. Environmental  
Engineering, University of  
Wisconsin-Platteville, 2008

### Registrations

Certified Floodplain Manager  
Professional Engineer:  
Colorado, 2022

### Professional Organizations

AWWA



### Project Experience

**Grand Junction Lake Road Lift Station, Grand Junction, CO** – Senior Engineer responsible for the design and analysis of the decommissioning of two existing lift stations to combine into a new regional lift station and the associated gravity and forcemains. The analysis consisted of modeling the proposed gravity and forcemain sewers to determine the preliminary alignment and sizing for the two gravity trunk mains and single outlet forcemain from the new lift station. The design includes a canal crossing and Colorado River bridge crossing along with coordination with property owners for easements and complicated design due to steep slopes and narrow construction areas along the alignments. The project is also within the Colorado River floodplain and requires design and permit coordination to ensure all floodplain and lift station design requirements were met.

**Grand Junction Parses 6-10 Sanitary Sewer Replacement Project, Grand Junction, CO** – Design of sanitary sewer removal and replacement for multiple locations within Grand Junction identified by their asset management program for replacement due multiple condition issues of the pipe. The project totals 10,000 lineal feet of pipe. Review of the CCTV and site visit of the system located mostly in backyards and alleyways indicated that the above ground features would be costly to the project and homeowners to remove and replace. There are also multiple pipe segments under building. This prompted the team to switch most of the open cut remove and replace alignments of the project to CIPP to reduce the impact to the surface and reduce construction prices. Construction documents are being adjusted for a combination of the two designs.

**Grand Junction Kannah Creek Flowline Replacement Project, Grand Junction, CO** – Design of 6,200 lineal feet of new 20-inch PVC raw water pipeline to replace the existing raw waterline along the Junita Reservoir, 1,240 lineal feet of 6-inch PVC waterline off the raw waterline to connect into the feed for the water treatment plant, and a 20-inch PVC discharge pipeline into the Juniata Reservoir. The project included using existing GIS data as the base files and minimal survey to design the pipeline alignment. Used site visit and City knowledge to determine connection locations and design constraints. Updated design and drawings to account for adjustments to the waterline as knowledge was gathered.

**Grand Junction Upper Kannah Creek Waterline Replacement Project, Grand Junction, CO** – Performed an alternatives analysis for the two proposed alignments for the Upper Kannah Creek Waterline from the intake structure to Purdy Mesa Road. The alternatives analysis included preliminary design of the two alignments, cost estimates, determination of number of easements, ease of installation based on slopes and pipeline locations, and ease of the Kannah Creek crossing. Once an alternative was decided by the City, in process of completing the construction documents for the Upper Kannah Creek Waterline. Coordinated with surveyor to complete easement descriptions, made adjustments to the design for private property constraints, and worked with City to work through design and construction concerns.

**Prospect Mountain Water Distribution System Improvements, Town of Estes Park, CO** – Senior Project Engineer responsible for the design of water main distribution system replacement for the Prospect Mountain service area in the Town of Estes Park. Responsible for organizing and directing four design engineers used to complete the design of 30,000 LF of water distribution mains. Worked with available existing Town GIS data to develop preliminary design of the waterline and finalizing the design with the topographic survey. Developed easement figures for the legal descriptions. Coordinated with Town Staff for the preferred alignments and discussed best options for the alignment of the new waterline to provide service to all customers while considering all design constraints that are inherent with installation of a new waterline in an area that is already built out.

**Wildhorse Reuse Pipeline, Pueblo West Metropolitan District, Pueblo CO** – Senior Project Engineer responsible for coordinating and reviewing the design and permitting of a 3.2 mile pipeline to collect and deliver effluent and return flows to the Arkansas River for the District. This included floodplain and stream analysis and modeling work to ensure compliance requirements with the local storm and floodplain authority. Design also included intake structures at three locations throughout the District that required flow and floodplain evaluations. Flows collected will be indicated and recorded using remote telemetry via satellite. Crossings include CDOT, City of Pueblo, and private property owners for utility construction and permanent installation of the pipeline.