



LETTER OF INTENT

Date: August 13, 2018

Company: J-U-B Engineers, Inc.

Project: Contract for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-4549-18-DH

Based upon review of the proposal responses received for Contract for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-4549-18-DH, you have been selected as **primary proposer** for this contract. The **secondary proposer** selected is JVA Consulting Engineers, Inc.

It is the intent of the City of Grand Junction to award the aforementioned contract to your company as the **primary proposer**, as is listed in the RFP documents, and your proposal response. **NOTE:** **Through this method, should the primary proposer not be able to fulfill their contract at any given time, it shall allow the Owner to utilize the secondary proposer to fulfill the Owner's needs.**

This contract must be approved by the City Manager prior to Award and a Contract being issued.

Upon receipt of a fully signed Contract, please notify Rand Kim, Utilities Director of Water Services for any project scheduling.

Please feel free to contact me with any questions at 970-244-1545.

Thank you and Best Regards

A handwritten signature in black ink, appearing to read "Duane Hoff Jr.", written over a white background.

Duane Hoff Jr., Senior Buyer



CITY OF GRAND JUNCTION, COLORADO

CONTRACT

This CONTRACT made and entered into this 18th day of September, 2018 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 **J-U-B Engineers, 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 **Contract for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-4549-18-DH.**

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 Services specified in the Notice of Award, in accordance with the Contract Documents;

The Owner reserves the right to make multiple awards to bidders that are responsive and responsible to this solicitation process. The Owner shall utilize the **Primary (J-U-B Engineers, 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 (JVA Consulting Engineers, 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; **Contract for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects;**
- c. Contractors Response to the Solicitation
- d. Services Change Requests (directing that changed Services be performed);
- e. Change OrdersAmendments.

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 Services 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 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 Services to be performed, which Services 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 Services have been made.

Unless otherwise provided in the Solicitation, monthly partial payments shall be made as the Services progresses. Applications for partial and Final Payment shall be prepared by the Contractor and approved by the Owner in accordance with the Solicitation.

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.

The Contract is executed in two counterparts.

CITY OF GRAND JUNCTION, COLORADO

DocuSigned by:
By: Duane Hoff Jr., Senior Buyer - City of Grand Junction 2018 | 10:06 MDT
9F789E7D50F148C...
Duane Hoff Jr., Senior Buyer Date

J-U-B Engineers, Inc.

DocuSigned by:
By: Luke Gingerich, P.E. - Area Manager, J-U-B Engineers, Inc. 2018 | 08:48 MDT
076622AA06E247A...
Luke Gingerich, P.E. - Area Manager, J-U-B Engineers, Inc. Date



**Request for Proposal
RFP-4549-18-DH**

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

RESPONSES DUE:

July 27, 2018 prior to 3:30 PM MDT

Accepting Electronic Responses Only

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

<https://www.rockymountainbidsystem.com/default.asp>

(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)

PURCHASING REPRESENTATIVE:

Duane Hoff Jr., Senior Buyer

duaneh@gjcity.org

(970) 244-1545

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

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REQUEST FOR PROPOSAL

SECTION 1.0: ADMINISTRATIVE INFORMATION & CONDITIONS FOR SUBMITTAL

- 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:

Duane Hoff Jr., Senior Buyer

duaneh@gjcity.org

- 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 **Submission:** Please refer to section 5.0 for what is to be included. ***Each proposal shall be submitted in electronic format only, and only through the Rocky Mountain E-Purchasing website (<https://www.rockymountainbidsystem.com/default.asp>).*** ***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/business-and-economic-development/bids/> for details. For proper comparison and evaluation, the City requests that proposals be formatted as directed in Section 5.0 “Preparation and Submittal of Proposals.” Submittals received that fail to follow this format may be ruled non-responsive. (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**).
- 1.6 **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.
- 1.7 **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.

- 1.8 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.
- 1.9 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 Purchasing Division. 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.rockymountainbidsystem.com. Offerors shall acknowledge receipt of all addenda in their proposal.
- 1.10 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.
- 1.11 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.
- 1.12 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.
- 1.13 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.

1.14 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.

1.15 Sales Tax: The Owner is, by statute, exempt from the State Sales Tax and Federal Excise Tax; therefore, all fees shall not include taxes.

1.16 Public Opening: Proposals shall be opened in the City Hall Auditorium, 250 North 5th Street, Grand Junction, CO, 81501, immediately following the proposal deadline. Offerors, their representatives and interested persons may be present. 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 any one, 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. 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.
- 2.6. 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.
- 2.7. 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.
- 2.8. 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.
- 2.9. 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.
- 2.10. 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.

- 2.11. 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.
- 2.12. 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.
- 2.13. 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.
- 2.14. Conflict of Interest:** No public official and/or Owner employee shall have interest in any contract resulting from this RFP.
- 2.15. 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.
- 2.16. 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.
- 2.17. Employment Discrimination:** During the performance of any services per agreement with the Owner, the Offeror, by submitting a Proposal, agrees to the following conditions:
- 2.17.1. 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.
- 2.17.2. 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.
- 2.17.3. 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.

- 2.18. 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 workers 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).
- 2.19. 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.
- 2.20. 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.
- 2.21. 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.
- 2.22. 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.
- 2.23. 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, subFirm 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.
- 2.24. 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 Servicers' Compensation, normally provided by the Owner for its employees.
- 2.25. 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.

- 2.26. Ownership:** All plans, prints, designs, concepts, etc., shall become the property of the Owner.
- 2.27. 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.
- 2.28. 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.
- 2.29. 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.
- 2.30. Expenses:** Expenses incurred in preparation, submission and presentation of this RFP are the responsibility of the company and can not be charged to the Owner.
- 2.31. 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.
- 2.32. 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.
- 2.33. 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.
- 2.34. 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.

- 2.35. 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.
- 2.36. 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.
- 2.37. 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.
- 2.38. 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.
- 2.39. 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.
- 2.40. Definitions:**
- 2.40.1. "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.
- 2.40.2. The term "Services" includes all labor, materials, equipment, and/or services necessary to produce the requirements of the Contract Documents.
- 2.40.3. "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 General Contract Conditions of the Contract, Specification and Drawings, 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.
- 2.40.4. "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-contractor is

referred to throughout the contract documents and means a sub-contractor or his authorized representative.

- 2.41. 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.

SECTION 3.0: INSURANCE REQUIREMENTS

- 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-Contractor 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:** Contractor 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 paragraph (b) 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: 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 2018 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	2018 Budget	2019 Anticipated	2020 Anticipated	2021 Anticipated
Water Line Replacements	\$300,000	\$773,000	\$1,275,000	\$1,388,000
Interceptor Rehabilitation/Replacement	\$900,000	\$900,000	\$900,000	\$900,000
Sewer Line Replacements	\$2,600,000	\$2,700,000	\$3,185,000	\$3,285,000
Sewer Line Replacement/Alley Reconstruction	\$285,000	\$285,000	\$285,000	\$285,000

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 July 10, 2018
- Inquiry deadline, no questions after this date July 19, 2018
- Addendum Posted July 23, 2018
- Submittal deadline for proposals July 27, 2018
- Owner evaluation of proposals July 30 – August 2, 2018
- Final selection August 3, 2018
- Contract execution August 7, 2018

4.5. Questions Regarding Scope of Services:

Duane Hoff Jr., Senior Buyer
duaneh@gjcity.org

4.6. Contract: Contract shall commence upon award and will run through August 6, 2019. 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, and only through the Rocky Mountain E-Purchasing website (<https://www.rockymountainbidsystem.com/default.asp>). 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/BidOpenings.aspx> 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**). For proper comparison and evaluation, the City requests that proposals be formatted as directed in Section 5.0 “Preparation and Submittal of Proposals.” 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 their qualifications for consideration as a contract provider to the City of Grand Junction/Mesa County and include prior experience in similar projects.
- 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** with name, address, telephone number, and email address that can attest to your experience in projects of similar scope and size.
- 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 (in no particular order of priority):

- Responsiveness of submittal to the RFP
- Understanding of the project and the objectives
- Experience/Required Skills
- Necessary resources
- Strategy & Implementation Plan
- References
- Fees

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 may invite the most qualified rated proposers to participate in oral interviews.
- 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-4549-18-DH Contract for 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.

RECEIPT OF ADDENDA: the undersigned Contractor 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: July 18, 2018
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Contract for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-4549-18-DH

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. We are reviewing the solicitation contract for the referenced RFP and would like to suggest the following language revisions to Section 2.23 of that contract. This language is consistent with Colorado Revised Statutes for comparative responsibility and, in our opinion, more clearly defines the limits of responsibility for negligence on the part of the consultant. Would the City be amenable to revising the contract language as follows?

2.23 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 to the extent caused by the** negligent act or fault of the Offeror, or of any Offeror's agent, employee, subFirm 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 **to the extent** growing out of such injury or damages. **Defense obligation shall be reimbursement of reasonable costs, including attorneys' fees, to the extent of actual liability hereunder.**

A. Paragraph **2.23 Indemnification** shall remain unchanged, and as stated in the solicitation documents.

2. Q. Wondered if the City Attorney would consider adding a simple precursor before "Offeror" in Section 2.23 of the contract that reads:

"Per CRS 13-21-111.5, Offeror shall defend, indemnify and save harmless...". That way the State Statute governing civil liability cases is clearly referenced and can be acknowledged by both parties to the contract.

A. No. This precursor only applies to private sector, not the City.

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 "Duane Hoff Jr.", written in a cursive style.

Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado



Purchasing Division

ADDENDUM NO. 2

DATE: July 20, 2018
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Contract for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-4549-18-DH

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. What is the scope of the work to be completed, we can see the budget, but are looking for a specific scope expected including expected locations in Grand Junction.

A. Specific scopes under each project will be identified on an annual basis.

2. Q. Are the projects to be completed anticipated to be addressed once a year or broken into pieces to be addressed with multiple phases throughout the year?

A. Typically, specific sub-projects under each project category would be identified on an annual basis and grouped and assigned. However, there may be individual sub-projects that are identified in the course of a year.

3. Q. The RFP does not detail construction management as part of this scope, what is the anticipation for our involvement during the construction of these projects, inspection, administration, answering design questions, etc?

A. Construction management services are not included in the scope. We would anticipate that the selected firm would be available to answer questions as the engineer of record.

4. Q. How detailed of a cost breakdown is desired, high level such as design, bidding and negotiation, or more detailed such as detailed design, geotechnical, survey, environmental, hydraulic modeling, data collection, other services?

A. Since specific subproject have not been identified at this time, we are not requesting costs estimates for services at this time. We are just asking for hourly billing rates for labor and unit prices for associated expenses.

5. Q. Due to this being an As-Needed contract, is an hourly rate sheet sufficient for Section E – Fee Proposal?

A. Yes

6. Q. Due to this being an As-Needed contract, are you looking for a sample project schedule or time schedule for Section C?

A. No schedule submittal is necessary.

7. Q. Are we to provide a team of survey, geotechnical, potholing, etc. subconsultant services? Or will that be per project if awarded?

A. The City has a surveyor on staff. The City's Utilities Maintenance staff also can typically perform potholing. The City has a separate as-needed services consultant available for geotechnical services. Therefore, we were not envisioning that this contract would require subconsultant services.

8. Q. Is it the intent of the City to award to one single consultant, or have a list of as-needed consultants?

A. 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.

9. Q. How many firms will the City of Grand Junction select to provide civil engineering services?

A. See answers in this addendum.

10. Q. In section 5.C what kind of time schedule and commitment of Owner staff is the City expecting as the scope of work for this RFP is very general.

A. See answers in this addendum.

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

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado

ADDENDA

J-U-B recognizes the receipt of Addendum #1 and Addendum # 2 in regards to this proposal.



Purchasing Division

ADDENDUM NO. 1

DATE: July 18, 2018
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Contract for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-4548-18-DH

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. We are reviewing the solicitation contract for the referenced RFP and would like to suggest the following language revisions to Section 2.23 of that contract. This language is consistent with Colorado Revised Statutes for comparative responsibility and, in our opinion, more clearly defines the limits of responsibility for negligence on the part of the consultant. Would the City be amenable to revising the contract language as follows?

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A. Paragraph 2.23 Indemnification shall remain unchanged, and as stated in the solicitation documents.

2. Q. Wondered if the City Attorney would consider adding a simple precursor before "Offeror" in Section 2.23 of the contract that reads:

"Per CRS 13-21-111.6, Offeror shall defend, indemnify and save harmless. . ." That way the State Statute governing civil liability cases is clearly referenced and can be acknowledged by both parties to the contract.

A. No. This precursor only applies to private sector, not the City.

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

All other conditions of subject remain the same.

Respectfully,

Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado



Purchasing Division

ADDENDUM NO. 2

DATE: July 20, 2018
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Contract for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects RFP-4548-18-DH

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Please make note of the following clarifications:

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A. Specific scopes under each project will be identified on an annual basis.

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A. See answers in this addendum.

10. Q. In section 5.C what kind if time schedule and commitment of Owner staff is the City expecting as the scope of work for this RFP is very general.

A. See answers in this addendum.

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

All other conditions of subject remain the same.

Respectfully,

Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado



PROPOSAL FOR

THE CITY OF GRAND JUNCTION, COLORADO

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

July 27, 2018



J-U-B ENGINEERS, INC.



THE
LANGDON
GROUP



GATEWAY
MAPPING
INC.

OTHER J-U-B COMPANIES

305 South Main Street, Unit 6

Palisade, CO 81526

p | 970-208-8508



J-U-B COMPANIES



THE LANGDON GROUP



GATEWAY MAPPING INC.

J-U-B ENGINEERS, INC.

July 27, 2018

City of Grand Junction Purchasing Department
Attn: Duane Hoff Jr., Senior Buyer | duaneh@gjcity.org

Re: Request for Proposal RFP-4549-18-DH – Contract for Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects

Dear Mr. Hoff and Selection Committee;

J-U-B ENGINEERS, Inc. (J-U-B) is pleased to submit our proposal for the on call Professional Civil Engineering Services for Water and Wastewater Pipeline Replacement Projects Contract. J-U-B prides itself on providing exceptional client service by meeting our clients’ needs. Our goal is to develop a long-standing relationship with the City based on trust in J-U-B and our ability to provide sound engineering advise.

J-U-B is proposing a design team that is based in our Western Colorado office located in Palisade, with support from our Ft. Collins, CO office; and Kaysville, Logan and Orem, UT offices.

The J-U-B Team is uniquely positioned to help make these pipeline replacement/rehabilitation and lift station projects a success. Some of the advantages that our team will bring to the City of Grand Junction include:

- **RECENT & RELEVANT EXPERIENCE** – J-U-B has designed recent projects for the City of Thorton; 100th Avenue Water Line Replacement, Town of Windsor; North Sewer Extension, Laramie (WY); Mitchell Street Water and Sewer Line Replacement. We are currently designing lift station improvements for the Central Davis Sewer District in Utah. Projects such as these are a great fit for our experience and expertise.
- **FAMILIARITY WITH AREA** – Our project manager is very familiar with all aspects of the City’s distribution and collection systems. During his tenure with the City, development and execution of the water and wastewater pipeline replacement program was one of his main responsibilities. He has established good relationships with Mesa County, CDOT, and the City staff that we will be working with.
- **LOCAL PRESENCE** – Our team is made up of local experts. We have established a local office in Palisade with support from 15 other offices in five western states. Our team has worked extensively with Counties, Cities, and Towns in Colorado.

Upon reading our proposal we are confident that you will gain a sense of our team’s expertise and motivation to work on this project. I will be the primary contact and can be reached at (970) 208-8508 or bguillory@jub.com.

We value our relationship with the City of Grand Junction and look forward to continuing to build upon it. The City can be confident that our team will give these design projects top priority.

Sincerely,
J-U-B ENGINEERS, Inc.

Bret Guillory, P.E.,
Senior Project Manager

Luke Gingerich, P.E.
Area Manager, Palisade

A. COVER LETTER

B. QUALIFICATIONS



OVER 60 YEARS OF SERVICE

J-U-B ENGINEERS, Inc. (J-U-B) is a company of more than 375 employees located across six states. We have been providing civil engineering services to municipalities, government agencies, special districts, and individuals since 1954. Our employees have diverse skillsets that encompass all aspects of civil engineering. We have been responsible for a wide range of design efforts, from large water reclamation and wastewater treatment facilities to ditch lining and improvements.

Our Palisade and Fort Collins, Colorado as well as our Logan and Orem offices have been actively involved in the design of water resource projects for water and irrigation districts and municipalities for the last 30 years.



KNOWLEDGEABLE TEAM

The team we have assembled to provide design services for these projects has direct experience in design and construction of municipal water and wastewater infrastructure. Our project manager, Bret Guillory, has 27 years of experience in design and construction management of water and wastewater pipeline and lift station projects. Our project engineers and CAD designers also have years of experience designing and constructing municipal water and wastewater projects. This team will provide the City a cost efficient and constructible design making use of our considerable past experience.

J-U-B At-a-Glance

64 Years in Business

377 Employees

18 Offices in 6 States



DEDICATION

J-U-B's team of professionals is dedicated to planning, design, and construction projects. This depth allows us to adjust to the increased demands necessary to meet accelerated schedules. We pride ourselves on staying within your budget for both engineering and construction. At the outset of each project, we develop a scope of services and consulting services budget, along with a corresponding schedule that accurately reflects the individual tasks and time commitment needed to accomplish the overall project. These provide the foundation necessary to monitor the progress on a regular basis to ensure that critical milestones are met within budget parameters. We will communicate our progress on a regular basis and discuss any adjustments that may be necessary to keep the project on track.



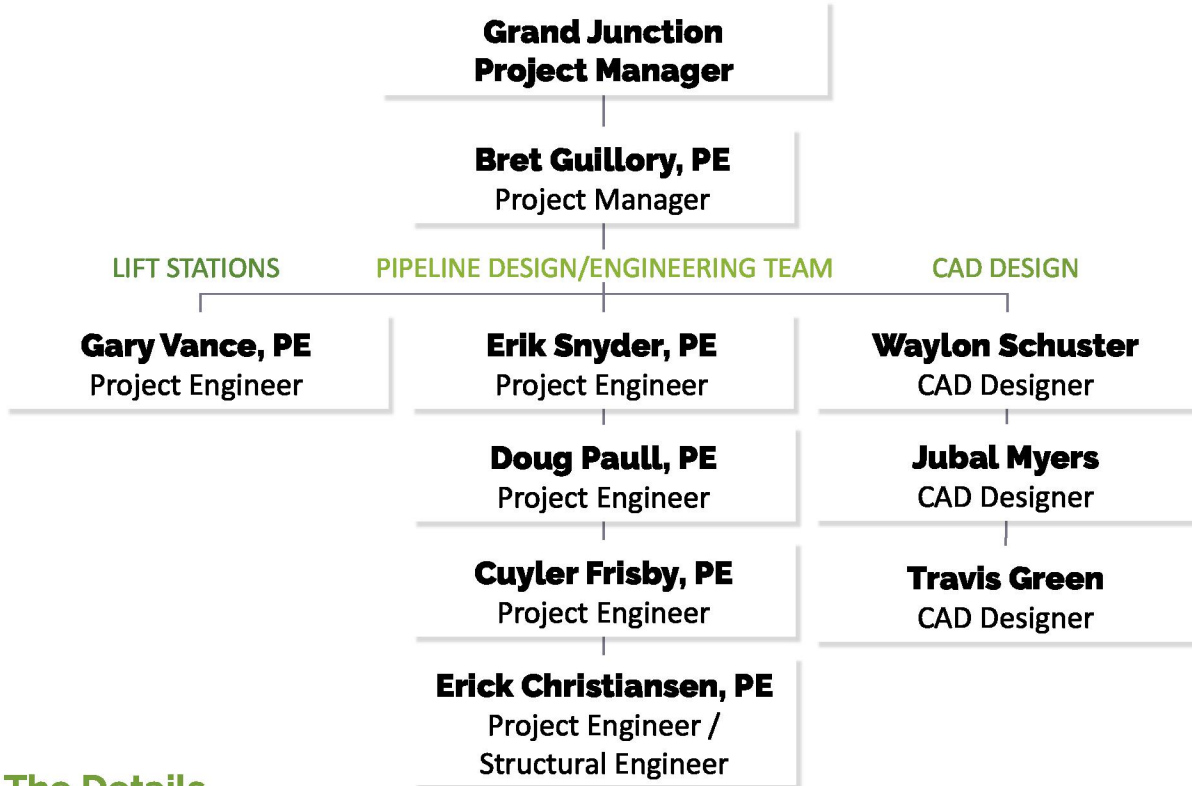
CLEAR OBJECTIVES

Clear objectives are established by each project team member and the City at project kickoff. All team members have their task responsibilities clearly defined so the required work efforts are performed efficiently and effectively. Our experience has shown that frequent communication between team members and the client is essential for successful project completion. Key personnel are required to make schedule and budget commitments, thereby accepting ownership of the timeline and cost constraints associated with their tasks.



OUR TEAM

Organization Chart



The Details

BRET GUILLORY, PE - PROJECT MANAGER

Bret Guillory has been involved with municipal wastewater, water, and stormwater projects in the Grand Valley for over 27 years. He has worked for local contractors installing sewer and water infrastructure and constructing roadways and stormwater systems prior to obtaining his engineering degree. This hands-on experience has proven to be very beneficial in designing and developing engineering design solutions for buried utility infrastructure. He was the Utility Engineer for the City of Grand Junction for 13 years from 2003 through 2016. In that role, he was responsible for management of the engineering staff and development of the City’s capital program for the wastewater, water, and stormwater utilities. Bret has managed, designed, and overseen construction of utilities located within CDOT Rights-of-way crossing I-70, along Hwy 340, within North Avenue, and First Street from Grand Avenue to North Avenue in Grand Junction, and numerous other residential, collector, and arterial roadways in the valley. This direct experience provides him an understanding of design considerations and constructibility issues when working in busy road corridors with multiple existing underground utilities. Bret has designed and overseen design of literally hundreds of miles of sanitary sewer, water, and storm sewer infrastructure; including numerous in-situ-rehabilitation projects for both sanitary sewer and storm sewer pipe lines and structures. During his time as a Project Engineer for the City of Grand Junction, he was responsible for design review of sanitary sewer lift stations within the Persigo service area. This responsibility continued during his tenure as Utility Engineer for the City. Bret has also designed lift stations for the City of Fruita and Gunnison County during his tenure at WestWater Engineering.

B. QUALIFICATIONS

PIPELINE DESIGN AND ENGINEERING TEAM

Erik Snyder, PE, is a licensed professional engineer in the Western Colorado office, has nearly nine years of project experience in water and wastewater system design, planning, and construction management. As project engineer, Erik will use his experience to provide an efficient and economical design for Grand Junction. Erik has been involved in the planning, design, and construction administration of a variety of municipal project types including waterline, sanitary sewer, and storm sewer design, roadway design, pipeline repair and rehabilitation, coating inspection, and corrosion protection. Erik's unique project experience includes pipeline leak repair planning, coating testing and corrosion protection, and carbon reinforced polymer repairs.

Erik Snyder will be supported by a team of highly experienced pipeline design specialists.

Erick Christiansen, PE, has 13 years of design experience, and he has designed over 500,000 feet of pipeline replacement. Erick is also a structural engineer and experienced in all project phases from concept and design to construction. Recently, Erick has been directly involved with the design of several water storage and transmission line projects in Utah and Idaho very similar to the City's planned upcoming projects.

Doug Paull, PE, is a project engineer with 12 years experience located in the J-U-B Fort Collins office. Doug has extensive pipeline design experience and recently designed the relocation of 2,750 feet of 24-inch and 30-inch steel waterlines as part of a roadway project in Greeley, Colorado, and the design of 2 miles of 8-inch and 30-inch waterline for the North Weld County Water District. Doug will provide support to the Pipeline Design and Engineering team to maintain schedules and produce clear, concise design.

Cuyler Frisby, PE will complete the Pipeline Design and Engineering team as a civil engineer with nine years of experience providing civil and environmental engineering services to clients throughout Nevada, California, and Utah. Cuyler has experience in sewer and storm drain design, water distribution system design, roadway rehabilitation, grading and drainage design, project/construction management, master planning, geographic information systems (GIS), and modeling of water distribution, storm drain, and sewer systems.

GARY VANCE, PE - SEWER COLLECTION AND LIFT STATION DESIGN LEAD

Gary Vance is a project manager for wastewater treatment systems, collection systems, and sewer lift stations. He is one of J-U-B's top sewer lift station experts. In his over 15 years of engineering experience, he has designed and coordinated the construction of more than 20 sewer lift stations of all types and sizes including related collection system infrastructure.

CAD DESIGN TEAM

We will have three expert designers on our project team. **Waylon Schuster** has been a civil CAD Designer for about 10 years. He has worked on a diverse amount of civil engineering projects, including infrastructure. Most of his involvement has been to support the project manager in the design and construction document process, utilizing AutoCAD and Civil 3D. Waylon's previous experience in the construction field and as a survey field technician give him a better understanding of how projects are designed and built. Waylon not only excels at drafting in Civil 3D, but also provides internal QA/QC to design since he has construction experience.

Jubal Myers has more than 34 years of work experience in drafting, design, and surveying. His experience has included culinary storage tanks, wells and water systems, sanitary sewer systems and treatment plant design, municipal infrastructure, land and commercial development, roadway design, land and construction surveying, earth dam and reservoir designs, and construction inspection. He is proficient working with AutoDesk Civil 3D, MicroStation, and Power InRoads.

B. QUALIFICATIONS

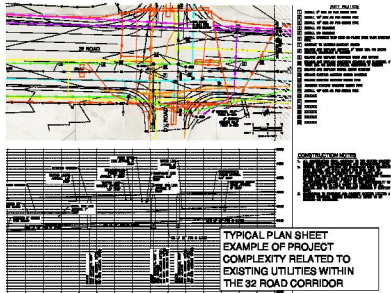
Travis Green is a CAD Designer with 24 years of experience with civil design for municipalities, private developers, and water companies. Travis is proficient with AutoCAD, Civil 3D, and AutoCAD Map. His breadth of experience, efficiency, and knowledge make him a vital asset to producing quality designs.



PROJECT EXPERIENCE

Municipal water and wastewater utility engineering is at the core of J-U-B's expertise. We have completed water distribution and transmission projects for municipalities throughout the western U.S. The following pages highlight just a small sample of our local experience.

2019 SEWER LINE REPLACEMENTS, CLIFTON SANITATION DISTRICT, GRAND JUNCTION, CO (2018-ONGOING)



J-U-B is currently working with the Clifton Sanitation District to assist in project management, develop design plans and specifications, create the final bid documents, and provide construction oversight services for the 2019 Sewer Line Replacement project. This design project includes 4,970 feet of 18-inch trunk line, 1,608 lineal feet of 15-inch trunk line, and 1,800 lineal feet of 4-inch through 10-inch collection pipe, 17 manholes, and associated surface restoration. Most of the project is located along 32 Road from D Road to E Road with several other sewer line replacements longitudinal and transverse to 32 Road

north of E Road. This project is currently at 75% design. Final construction documents are scheduled to be completed by mid-August.

Relevancy:

- Previous experience with Grand Junction staff
- Utility line replacement design
- Project Management

- Schedule adherence
- Coordination with CDOT

Team:

- Bret Guillory, PE - Project Manager
- Erick Christiansen, PE - Project Engineer
- Erik Snyder, PE - Project Engineer

SOUTH VALLEY SEWER DISTRICT ON-CALL ENGINEER, SALT LAKE VALLEY, UT



J-U-B is the on-call engineer for South Valley Sewer District (SVSD). For nearly 16 years, we have performed collection system modeling and sewer master planning. More recent work has included sewer pipeline design, GIS mapping, surveying, construction management/ inspection, and public relations.

In the past 8 years, J-U-B has performed engineering design and construction of approximately 18,750 feet of gravity sewer pipeline ranging from 8 to 18 inches. These projects all also included project management, CAD drafting, bid document preparation, hydraulics, cost estimating, and some also included surveying, a preliminary design study, and construction inspection.

Relevancy:

- On-call services (16 years)
- Urban utility line replacement design
- Project Management

- ROW Acquisition
- Existing utilities coordination
- Lift station design
- Traffic coordination

Team:

- Erick Christiansen, PE - Project Engineer

B. QUALIFICATIONS

100TH AVENUE WATER LINE REPLACEMENT, THORTON, CO (2017-2018)



J-U-B is currently designing the 100th Avenue Water Line Replacement. The project includes design and coordination of the right-of-way (ROW) plans required for bidding and installation of 1,350 lineal feet of 20-inch diameter waterline along 100th Avenue. The new waterline will parallel the existing 12-inch asbestos cement waterline, to be abandoned in place.

We are working closely with the City of Thornton to determine the optimal alignment through various utilities crossing and connections to the existing waterline. The City requires the traffic to be minimally disturbed during construction and that the existing waterlines be out of service for as short a time as possible. J-U-B is developing a design that will balance this requirement with AWWA design criteria.

The biggest challenge of the project is maintaining the safety of the community and integrity of the water when handling the asbestos cement waterline. J-U-B is working closely with the City on abandonment procedures and water connection safety. We will document and relay this plan to the Contractor to ensure its implementation.

Relevancy:

- Utility line replacement design
- Project Management
- ROW Acquisition
- Existing utilities coordination
- Traffic coordination

Team:

- Doug Paull, PE - Project Engineer
- Waylon Schuster - CAD Designer

20TH STREET 24-INCH AND 30-INCH WATERLINE REPLACEMENTS — PHASE 1-4, GREELEY, CO (2014-2018)



J-U-B relocated 1,500 feet of 24-inch and 1,250 of 30-inch steel waterline as part of a roadway widening project for the City of Greeley. J-U-B coordinated with the street design to eliminate a large air release/vacuum relief valve vault. The City required 24-inch and 30-inch gate valves be installed in the new pipe, and that the transmission mains be out of service for as short a time as possible. The biggest challenge of the project was revising the design during construction when an undocumented irrigation line was discovered to conflict with the 30-inch waterline design.

J-U-B worked with the City and the Contractor to develop changes to the design which were quickly implemented in the field, preventing interruptions to the construction schedule. The design proceeded from the kickoff meeting to bid in 10 weeks.

Relevancy:

- Utility line relocation
- Project Management
- ROW Acquisition
- Existing utilities coordination
- Traffic coordination

Team:

- Doug Paull, PE - Project Engineer
- Waylon Schuster - CAD Designer

B. QUALIFICATIONS

**SUNSET STREET AND BOSTON AVENUE WIDENING, BOULDER COUNTY
TRANSPORTATION DEPARTMENT, BOULDER, CO (DATE)**



Boulder County Transportation Department received a CDBG-DR grant through HUD to make improvements along Sunset St and Boston Ave. As part of the project, J-U-B relocated approximately 850 feet of 12-inch waterline. Numerous utilities were crossed, including gas, water and sanitary sewer lines. Lowerings were designed to cross 48-inch and 18-inch storm sewers, and a “raising” over another 18-inch storm sewer. Multiple connections were made to existing waterlines at the Boston/Sunset intersection, designed to minimize the time to connect the new waterline to existing waterlines. J-U-B worked with the City to

devise a phasing plan to minimize interruptions of service to homes and businesses, and to maintain service to fire hydrants.

Relevancy:

- Utility line relocation
- Project Management
- ROW Acquisition
- Existing utilities coordination
- Traffic coordination

Team:

- Doug Paull, PE - Project Engineer
- Waylon Schuster - CAD Designer

NORTH SANITARY SEWER EXTENSION, TOWN OF WINDSOR, CO



J-U-B is currently working on the North Sanitary Sewer Extension design for the Town of Windsor. The project includes the extension of the sanitary sewer interceptor from the existing interceptor on Greenspire Drive to the northwest corner of State Highway 257 and County Road 74, which is required to connect current and future development within Windsor, Severance, and the Northlake Metropolitan Districts 1-5.

This project requires an alternative delivery method due to its shortened schedule and multiple permitting efforts. The Town will select the contractor at the 30 percent design level. Working with the Town and selected Contractor concurrently will help J-U-B maintain schedules, design, and permit applications to ensure a seamless design and permit review. J-U-B is required to include a Colorado Department of Public Health and Environment (CDPHE) Site application due to the size of the interceptor extension. We understand effective communication is paramount to the success of this project and communicate daily with the Town staff to ensure this is done.

Relevancy:

- Utility line relocation
- Project Management
- ROW Acquisition
- Existing utilities coordination
- Traffic coordination
- CDPHE Site Application
- Waterway crossing

Team:

- Gary Vance, PE - Project Engineer
- Doug Paull, PE - Project Engineer
- Waylon Schuster - CAD Designer

B. QUALIFICATIONS

OGDEN CITY 24TH STREET WATERLINE REPLACEMENT DESIGN PROJECT, OGDEN, UT



In early spring of 2014, Ogden City came to J-U-B needing help on a high priority project in the heart of downtown Ogden. They needed to replace 2,300 feet of 8” waterline in one of the busiest and oldest sections of the City. They had to coordinate with UDOT due to scheduled road rebuild and had just a few months to complete the project.

One of the biggest challenges of the project was the amount of existing utility lines to work around. Traffic control was also a major factor in the project with this being one of the busiest sections of town. The contractor ran into dozens of conflicts; private utility improvements in the ROW and multiple unknown abandon pipelines. There were multiple service lines and fire connections to worry about as well. A major business impacted by construction was a federal IRS facility with thousands of seasonal employees whose primary access was cut off for several days while the new pipeline was installed across their driveway. Working closely with the City and the contractor we were able to work through the issues and get the pipeline replaced without delaying the UDOT roadway reconstruction.

Relevancy:

- Utility line relocation
- Project Management
- ROW Acquisition

- Existing utilities coordination
- Traffic coordination

Team:

- Gary Vance, PE - Project Engineer
- Doug Paull, PE - Project Engineer
- Waylon Schuster - CAD Designer



Section 1: Understanding

We understand that the City of Grand Junction Utility Department is interested in securing professional engineering services for ‘on-call’ Capital Improvement Project (CIP) design. The service would include design of transmission and distribution water lines, trunk and collection system sewer line replacements, and sewer line replacement in conjunction with alley improvement districts. Line replacement may be in the form of pipe rehabilitation if deemed applicable and cost-effective. The City would also like these services to include design for replacement or elimination of existing sewer lift stations within the collection area. We anticipate that rehabilitation of lift stations or force mains may also be considered in this scope of work.

We would also be able to provide design for sewer extensions of Trunk lines or collection line extensions related to the Septic System Elimination Program (SSEP) if needed.

We understand our role is to develop final bid documents, including technical specifications and construction drawings for the project, and provide as-needed engineering support during bidding and construction phases as the engineer-of-record. As the project scope governs, we will also provide support to the City’s project manager for coordination with outside agencies. This may involve development of submittal packages if the Colorado Department of Public Health and Environment (CDPHE) is a review agency or if grant funding is utilized as a finance mechanism.

Site approval through CDPHE is required if lift stations are replaced or work falls outside routine maintenance of in-kind component replacement. If the lift station is replaced in full, if additional pumping capacity is required, or if service area has changed, the CDPHE site application process will be integral to the project.

Site approval is also required from CDPHE when increasing line size of replacement pipe or new installation of sanitary sewer interceptor / trunk lines in the collection system, when pipe size is 24-inches inside diameter or larger.

Section 2: Strategy to Achieve Objectives

Our approach to any design effort includes collection of all applicable information related to the project. Having a complete understanding of the project goals, identifying outside agencies that may be affected or involved, and participating in developing what information is provided up front is key to a successful design. We envision a cooperative effort with City staff at the onset of project development to be sure adequate and appropriate information is collected and provided to us for our design effort.

We understand the City will provide: record drawings, CCTV inspection logs and video of gravity lines being replaced, survey base mapping including rim and invert information for gravity lines within the project area, potholing of existing buried utilities, and subconsultant services such as geotechnical investigation as needed to determine asphalt depth and soil conditions along the selected project alignment. City-provided services may also include smoking gravity sewer lines to determine or verify sanitary sewer tap connections, along with investigation of water service lines to determine if lead lines are still being utilized. City pipe line maintenance department staff have a good understanding of where lead lines exist. This type information is very helpful in developing plan documents.

Coordination and consultation with City staff familiar with the collection and distribution systems will be a component of any sewer or water line replacement project.

C. STRATEGY AND IMPLEMENTATION

We will evaluate gravity lines to determine if opportunities exist to improve pipe slopes which aids in reducing long-term line maintenance and hydraulic efficiency.

We will also determine if there may be an opportunity to eliminate combined sewers when developing plans for sanitary sewer replacements. There are a number of locations within the Persigo service area, particularly the older parts of the City, where combined sewers exist.

When designing water line replacement projects, we will evaluate opportunities to improve hydraulic efficiency of the system. We know of several areas where looped lines would provide better system performance. This can have a very positive effect on water quality, and potentially improve fire flows.

We are aware that there are numerous locations throughout the distribution and collection system where mill tailings were utilized for pipe bedding or trench backfill. We will utilize existing mapping of these areas to be sure handling and proper disposal of radioactive materials is addressed in the project plans and specifications.

Our goal is to provide well-thought-out alignments for new lines that allow for cost-effective construction, avoidance of existing utility conflicts, improved access for future maintenance, and take into consideration future line replacement in areas adjacent to the current design project.

Water and Sewer lines are critical infrastructure that require routine maintenance. Considering safety and opportunity to provide safer maintenance access for staff during future maintenance activities is an important aspect in establishing an alignment for new utility lines.

Rehabilitation projects may be evaluated on several levels. The existing pipe alignment in the case of gravity lines is an important factor in the decision process vs conventional dig and replace efforts that offer opportunity to improve vertical and horizontal alignment. Sound understanding of what is accomplished with various rehabilitation methods is key to success of these projects.

The City needs professional civil engineering support for annual water and sewer line replacement / rehabilitation projects, and lift station projects. We provide an experienced design team that is familiar with the City's distribution and collection systems and understand the goals the City has of keeping its critical infrastructure new. We will provide a functional, economically feasible design with constructability in mind, that will also address future capacity and maintenance issues for the City Water and Sewer Utility Departments.

We have assembled a team that can add significant value to these utility projects provided our knowledge of the City's distribution and collection systems and familiarity with local outside agencies.

Section 3: Design Approach

From start to finish our design approach will include communication and coordination with City staff. We recognize the City is utilizing staff for a number of sub-consultant roles and efficient use of staff's time is important in supporting our design efforts. Communication will be an important factor in efficient use of staff time.

We will take into consideration the corridor where the project is located. We would like to meet with the surveyor prior to collection of base mapping information so we can be sure all information we need is collected in one trip.

C. STRATEGY AND IMPLEMENTATION

After receiving base map information, our CAD designer will utilize the topographic base map for the project alignment to set up plan and profile sheets, and to establish a preliminary alignment with direction from our project engineer.

We will provide the preliminary alignment to the City engineer for review. Once we have concurrence on alignment, we will identify utility locations where potholing will be needed and incorporate the pot hole information on the plan set.

Lift station projects typically have a local footprint with less survey collection involved in replacement or rehabilitation of existing equipment. There may be additional survey and a larger project footprint required if elimination of a lift station is considered. When considering opportunities to eliminate a lift station, the feasibility or confirmation of gravity outfall alignments need to be considered and incorporated in the design.

Rehabilitation projects are typically, a more time-efficient effort once the given pipe alignment and location of structures are established. These are projects that are typically specification-heavy in establishing method of rehabilitation and defining performance parameters. In the case of Cured In Place Pipe (CIPP) projects, coordination with Industrial Wastewater Pretreatment staff is key to establishing responsibilities of the contractor.

We will develop 60% plans for review by the City that will be accompanied by an opinion of probable construction cost (OPCC). Upon receipt of review comments, we will proceed with development of 90% plans and specifications, which will be delivered to the City project engineer for review.

City comments on the 90% submittal will be incorporated in the final bid documents that will include final plan set and technical specifications for the project(s).

Our project engineer will conduct bi-weekly coordination meetings with the City project engineer that may be held on-site pending specific discussion topics.

We will follow the City of Grand Junction format for plan sheet notes, bid schedule, and specifications. This will provide a more familiar format for City staff, project engineer and inspector, and the local contracting community that have previously completed this type work for the City.

Bret is very familiar with the City Standard Contract Documents for Capital Improvement Construction. Bret's familiarity, along with Erik's considerable project experience, will make development of special conditions, special provisions, and technical specifications in support of the project(s) a seamless process.

Final plans and specifications, and final design report, will be wet-stamped by a professional engineer licensed in the State of Colorado. An OPCC based on the final design documents will be provided with the final bid documents.



Section 4: J-U-B Staff Time and Commitment

We have based our estimate of time to develop a bid-ready set of plans and specifications around an assumed project scope for one mile of pipe or 5,280 lineal feet. Given this scope, we anticipate a typical water or sewer line replacement project design effort to be two to three months. Our estimate is dependent on complexity of the project and timely receipt of information needed to support plan development and design. We anticipate that survey base mapping for a project of this scope would be provided prior to our starting the design process. Collection of this information is not included in this time estimate.

We have included several project design engineers in this proposal, along with three CAD Designers that would be available to develop the plans and specifications for the project(s). The design engineers included specialize in hydraulic modeling distribution/collection system evaluation and modeling, and lift station design. We recognize that scope of the project(s) may be small or large. We have adequate design resources available within J-U-B Engineers, Inc. that are accessible to participate in this design effort if needed.

Our project manager and primary project engineer are both based in our Western Colorado office in Palisade for these projects. Additionally, we have numerous specialized resources in our 17 other regional offices to complete design of the City’s water and sewer line, and lift station projects. We provide this information to assure the City that J-U-B has the in-house capacity to provide design services to support your full-line replacement capital improvement projects, or any portion of the fully-budgeted line replacement effort.

As needed, we will be available during the bidding phase to provide technical support and answer any questions regarding design, specified materials and equipment, construction approach, etc. We will coordinate with the City project manager to provide support in preparation of the advertisement, pre-bid meeting, bid opening, and selection of a contractor. We anticipate our attendance at the pre-bid meeting to answer questions and provide clarification if needed. We will be back-up support for the City regarding development of addendums prior to the bid opening.

Our local experts have many years of construction management and inspection experience and will be available on an as-needed basis during construction to support City staff. We can also assist in review and approval of shop drawings and RFIs submitted by the contractor.

Section 5: City Staff Time

We estimate that City staff involvement will depend on the location of the project and how much information has been previously collected. For instance, CCTV information will be needed to determine tap location or confirm active service lines.. This current information is important



C. STRATEGY AND IMPLEMENTATION

for conventional dig and replace design projects and pipe rehabilitation projects. Taps for older structures may have been replaced in a different location, determining accurate tap location on the existing main is important so that the contractor is less likely to miss a tap during construction. We would prefer that CCTV information be recent if a Cured In Place Pipe project is designed so that current pipe condition can be taken into account for design of the CIPP system. .

The extent of City-provided potholing services for buried utilities depends on the location of the project and number of potholes completed per day. Our experience with local contractors who provide this service is that six to eight potholes can be completed daily. The number of potholes needed is based on the location of the project(s) and how many existing utilities are being crossed. We estimate potholing activity for three days per lineal mile of the project. The City surveyor is needed to gather horizontal and vertical pothole information for inclusion in the plan documents.

We understand that City staff will provide construction inspection for the project. We will include an estimate of construction duration to aid in scheduling inspection staff.

Again, constant, clear communication and coordination between J-U-B and the City is essential to maintain project schedules and efficient use of City staff time.

We anticipate a project kickoff meeting and progress meetings with City staff during design efforts. Our project manager or project engineer will likely be in regular contact with the City project manager more frequently than progress meetings. We also anticipate City staff may participate in site visits to get more detailed information or physically evaluate existing conditions during design. Given a two-and-a-half-month design period, the City project manager would likely be involved with six hour-long meetings and three site visits.

Section 6: Cost

We have estimated our cost to develop a plan and profile sheet for a typical sewer or water line replacement project. The plan and profile sheet would be representative of a typical horizontal scale of 1" = 20' or roughly 500 feet in length. Based on this typical project, we estimate cost per plan sheet to be approximately \$3,500. This effort includes development of specifications and coordination meetings for the project. Assuming a typical water or sewer line replacement project, the design effort is roughly 3½ percent to 5½ percent of construction cost.

Our design cost may change with complexity and scope of the project. For example, the design scope for a trunk line extension or SSEP project would require more project engineer involvement to support the CAD Designer, and City staff due to the public involvement with these type projects.



D. REFERENCES

J-U-B has a strong history of providing high quality service for its clients. Over the years we have been able to establish long lasting relationships of trust with these individuals. We do this by listening closely to the concerns, expectations, and goals they have for their projects, and then developing solutions that respond to those needs. We work hard for our clients and give them the best technical advice and support we can. We have become their trusted advisor and designer of choice. The following individuals can attest to our quality of service.

Trent Prall, City of Grand Junction Public Works Director

333 West Avenue
Grand Junction, CO 81501
Phone: (970) 256-4047
E-mail: trentonp@gjcity.org

Brian Woods, Clifton Sanitation District

3217 D Road
Clifton, CO 81520
Phone: (970) 434-7422
E-mail: bwoods@cliftonsanitation.com

Mike Foerster, South Valley Sewer District Engineer

1253 Jordan Basin Lane
Bluffdale, UT 84065
Phone: (801) 571-1166
E-mail: mikef@svsewer.com

D. REFERENCES



**3217 D Road
Clifton, Colorado 81520
Phone 434-7422
Fax 434-2658**

July 17, 2018

To whom it concerns,

It is my pleasure to highly recommend J-U-B Engineering, Inc and specifically Bret Guillory to anyone seeking Professional Consulting Engineering services. I have always been able to count on prompt and diligent service, expert advice and steadfast results, without complication or unexpected cost impacts.

Bret is a highly skilled and effective engineer with a great attitude and work ethic, he takes the initiative to identify problems and devise solutions. His role requires good communication skills, he has shown that he not only has these skills he has the ability to inspire respect and cooperation from outside agencies within Mesa County.

I would highly recommend Bret and J-U-B Engineering, Inc. for any project requiring leadership and certainly technical knowledge on managing complex projects. Based upon my personal observations and interactions with Bret's professional work ethic and his engaging personality, I believe J-U-B Engineering and Bret would be a valuable addition to any project.

I would not hesitate to recommend J-U-B Engineering to anyone requiring engineering services. If you need any further information, please feel free to contact me.

Sincerely,

A handwritten signature in blue ink that reads "Brian Woods". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Brian Woods
Manager
Clifton Sanitation District
bwoods@cliftonsanitation.com
970-434-7422

E. FEE PROPOSAL

We know that with all the qualifications and expertise, the big question on everyone’s mind is “Yeah, but how much is it going to cost me.” Below we have listed the hourly rates of each of our team members as well as our mileage costs.

TEAM	ROLE	RATE
Bret Guillory, PE	Project Manager	\$190.00
Erik Snyder, PE	Senior Project Engineer	\$137.00
Gary Vance, PE	Senior Project Engineer	\$143.00
Doug Paull, PE	Project Engineer	\$101.00
Cuylar Frisby, PE	Project Engineer	\$117.00
Erick Christiansen, PE	Project Engineer	\$106.00
Waylon Schuster	CAD Designer	\$90.00
Jubal Myers	CAD Designer	\$107.00
Travis Green	CAD Designer	\$95.00
Ethan Storeng	Clerical Support	\$47.00
Mileage		\$.54/per mile

F. LEGAL STATEMENT

J-U-B prides ourselves in maintaining client satisfaction and resolving issues at the lowest possible level. We perform over 1,000 assignments a year, but sometimes issues beyond our control escalate to the point of potential litigation. To the best of our knowledge, J-U-B was (or is currently) involved in three such cases in the last three years. Below is a summary of the issue and status:

YEAR	NAME	STATUS	DEFENDANT/ PLAINTIFF	SUMMARY
2015-2017	HDJ Design Group - DISMISSED. Reopened in 2017. DISMISSED.	Closed	J-U-B Defendant	Named as third party. DISMISSED.
2018	Wallace – Private Resident	Open	J-U-B Defendant	Sewer back up claim. LAWSUIT.
2018	REI	Open	J-U-B Defendant	Hiring of employees challenged. LAWSUIT.

G. ADDITIONAL INFORMATION

We understand the City follows a logical progression for a water or sewer line replacement project by first identifying likely project locations based on historical performance of the pipe, maintenance issues, or history of line breaks or failures, etc. There may also be benefits to line replacement that result in the change of a line size which could affect water quality (in the case of water distribution systems) or adequate capacity (in the case of sewer collection systems). Hydraulic modeling of various scenarios provides a beneficial tool in evaluating this type alternative. The JUB staff identified for these projects can provide this modeling service.

The next steps involve coordination with the City streets department or outside agencies such as Mesa County or CDOT regarding street reconstruction projects or street overlay projects. Once this investigation has been completed and coordination efforts have been made, City staff scope the project(s) to determine if there are adequate funds budgeted for the project. When adequate funding has been confirmed, the project would then be designed.

J-U-B's local project manager has a very good understanding of the City's distribution and collection systems. J-U-B is available to lend assistance during the project scoping portion of this process if needed.

S. BRET GUILLORY, P.E. | PROJECT MANAGER

Bret is a senior project manager for J-U-B and has over 27 of experience in municipal engineering that includes: water and wastewater treatment projects, pump station design, wastewater basin studies, flood hazard mitigation projects, earthen dam inspection, mitigation and construction projects, design of water – wastewater – and stormwater conveyance systems, formation of sewer improvement districts, urban transportation projects, hydrologic evaluation for stormwater design, site grading, trail design, and BioCNG collection and fueling projects. His experience in all aspects of municipal projects allows him to appropriately scope projects and provide a competitive fee. He also mentors project engineers and field staff in design, management, and maintenance of municipal infrastructure.

Bret has thirteen years of experience in managing multimillion dollar budgets, design engineering staff, survey, and CAD design staff. This experience and knowledge of municipal infrastructure allow for a deep understanding of what our municipal clients need and expect. His experience allows him to manage and complete projects on time and within scope and budget. He approaches projects knowing that communication is the key to successful projects and maintaining strong relationships with clients. Bret's attention to detail and recognition of stakeholders' concerns allows him to accurately identify potential conflicts prior to construction.

During his tenure at the City of Grand Junction, Bret was actively involved with the Septic System Elimination Program (SSEP) from its inception in 2001. His involvement with the program ranged from design and construction management as a City Project Engineer to management of the program as Utility Engineer. He was directly involved with the design and installation of more than 22.8 miles of sewer lines, providing gravity sewer service to 1,180 residential lots at a capital cost of over \$11 million.

Project Experience

- Septic System Elimination Program - City of Grand Junction/Mesa County, CO
- Annual Water and Sewer Line Replacement Projects - City of Grand Junction/ Mesa County, CO
- Persigo WWTP BioCNG Project – City of Grand Junction/Mesa County, CO
- Leach Creek Flood Mitigation Dam – City of Grand Junction, CO
- Ranchmen's Ditch Flood Mitigation Project – City of Grand Junction, CO
- Combined Sewer Elimination Project – City of Grand Junction, CO
- 27½ Road Reconstruction F Road to G Road – City of Grand Junction, CO
- Persigo WWTP Final Clarifier Addition – City of Grand Junction, CO
- Duck Pond Park Lift Station Elimination Project – City of Grand Junction, CO
- Horizon Drive Reconstruction and Bike/Pedestrian Trail – City of Grand Junction, CO
- Persigo WWTP Head Works Modification – City of Grand Junction, CO
- Kings View Estates Lift Station and Gravity Outfall – City of Fruita, CO
- CNG Fueling Station and Maintenance Building – City of Grand Junction, CO

**PROFESSIONAL REGISTRATIONS**

- Colorado PE 31675

EDUCATION

- B.S. Civil Engineering, Colorado State University (1991)

EMPLOYMENT HISTORY

- Project Manager, J-U-B ENGINEERS, Inc., 2017-current
- Assistant Manager Distribution & Transmission, Clifton Water District, 20126-2017
- Utility Engineer, City of Grand Junction, CO 2003-2016
- Project Engineer, City of Grand Junction, CO 1998-2003
- Design Engineer, WestWater Engineering, 1994-1998

RESUMES

ERIK W. SNYDER, P.E. | PROJECT ENGINEER (DESIGN TEAM)

Erik Snyder is a licensed professional engineer with nearly 9 years of project experience in water and wastewater system design, planning, and construction management. As a municipal engineer, Mr. Snyder has been involved in the planning, design, and construction administration of a variety of municipal project types. His expertise includes waterline, sanitary sewer, and storm sewer design, roadway design, pipeline repair and rehabilitation, coating inspection, and corrosion protection. Erik's unique project experience includes pipeline leak repair planning, coating testing and corrosion protection, and carbon reinforced polymer repairs. Erik will provide technical guidance on this project for pipeline inspection and repair alternatives.

He has done work for various clients in the states of Colorado and Texas.

Project Experience

- On-Call Rehabilitation to Large Diameter Water Mains, Houston, TX 2011-2018, Project Engineer – The waterline on-call contracts are series of packages from the City of Houston intended to provide inspection, failure analysis, rehabilitation recommendations, and oversight of construction activities for large diameter water line repairs throughout Houston. Mr. Snyder has provided repair recommendations and designs for dozens of sites. This involved review of construction submittals, piping lay schedules, easement and right of way research, analysis of manufacturer and vendor products, review of geotechnical reports, and quality control reviews on detailed traffic control plans, signing and pavement marking plans, and signal layouts.
- Condition Assessment of Large Diameter Waterlines, Houston, TX 2011-2017, Project Engineer – Mr. Snyder provided assistance with the inspection of over 7 miles of large diameter waterline of various materials over the years to evaluate structural integrity, evaluate risk associated with continued use, and perform necessary repairs. These condition assessments involved the inspection of the pipeline using various methods, after which Mr. Snyder provided recommendations on the health and probable future performance of the waterline along the alignment.
- Post Oak Boulevard Reconstruction Project, City of Houston/Uptown Development Authority, Houston, TX, 2015-2017, Project Engineer – Responsible for the utility design of 20,400 LF of waterline and 9,200 LF of sanitary sewer along major commercial corridor. This included sanitary sewers ranging in size from 6 in to 42 in, and waterlines ranging in size from 12 in to 24 in, using various installation methods, including open cut, augering, HDD, and microtunneling. The sanitary sewer alignment design was required to be designed to minimize the impact of bypass systems.
- Rehabilitation of Above Grade Crossings, City of Houston, Houston, TX, 2017, Coating Inspector Program Level 1 Inspector – Responsible for managing and performing surface preparation and coating application for recoating of 3 above grade crossings.
- Kimberley Lane Drainage and Roadway Reconstruction Project, City of Houston/Memorial City Redevelopment Authority, Houston, TX, 2010, Assistant Construction Manager – Responsible for construction inspection during the installation of approximately 1,400 LF of 54" CIPP through a heavy commercial area. This included capacity calculations for approval of bypass system and materials testing.



PROFESSIONAL REGISTRATIONS

- Colorado PE 0052740
- Texas PE 117134

EDUCATION

- M.S. Environmental Engineering, University of Houston, 2014
- B.S. Civil Engineering, Texas A&M University, 2009

EMPLOYMENT HISTORY

- Project Engineer, Lockwood, Andrews, and Newnam (LAN), Inc., Houston, TX, May 2015 to July 2018
- Project Engineer, Jones and Carter, Inc., Houston, TX, July 2014 to May 2015
- Design Engineer, Lockwood, Andrews, and Newnam (LAN), Inc., Houston, TX, September 2009 to July 2014

ERICK CHRISTIANSEN, P.E. | PROJECT ENGINEER (DESIGN TEAM)

Erick Christiansen is a licensed engineer with 12 years of project experience in municipal design engineering. As a design engineer, Mr. Christiansen has gained experience in areas of both civil and structural design and drafting, and he is experienced in all project phases from concept and design to construction. This background includes a variety of project types, such as: water tanks, pump stations, box culverts, piping, site grading, and roadway design. His experience includes both new construction, as well as rehabilitation projects. His drafting and modeling skills consist of utilizing Autodesk software products including Civil 3D, AutoCAD, and Inventor, as well as others.



PROFESSIONAL REGISTRATIONS

- Utah PE 9824596

EDUCATION

- M.E. Structural Engineering, Utah State University December 2015
- B.S. Mechanical Engineering, University of Utah, May 2011
- AAT Computer-aided Drafting and Design, Davis Applied Technology College, May 2005

EMPLOYMENT HISTORY

- Design Engineer; J-U-B Engineers, Inc. Logan, UT; November 2013 – Present
- Design Engineer; J-U-B Engineers, Inc. Kaysville, UT; May 2011 – November 2013
- CADD Technician; J-U-B Engineers, Inc. Kaysville, UT; March 2005 – May 2011

Project Experience

- 600,000 Gallon Water Tank, Coalville, UT
- Midway Irrigation Pump Station, Midway, UT
- FES Fish Hatchery Building, Logan, UT
- Sandbag Storage Building, Salt Lake County, UT
- Legacy Beach Boardwalk, Garden City, UT
- Restroom Building, Millville, UT
- Wilson Ave. Flood Control Structure, Salt Lake County, UT
- Hidden Hollow Box Culvert Extension, Salt Lake County, UT
- 100,000 Gallon Water Tank Project, Cluff Ward, UT
- Emigration Canyon Soil Nail Wall, Salt Lake County, UT
- East and West Airport Lift Stations, Salt Lake City International Airport, UT
- Arthur Ditch Improvements, Ft. Collins, CO
- 6 Million Gallon Reservoir, Herriman, UT
- Waste Water Treatment Facility, Coalville, UT
- Sewer Lift Station, Vineyard, UT
- 1.0 Million Gallon Water Tank, Grace, ID
- Central Davis Sewer Pump Station, Farmington, UT
- 1.0 Million Gallon Water Tank, Corrine, UT
- 400,000 Gallon Water Tank, Malad, ID
- Shepard Creek Reservoir, Farmington, UT
- 1500 South Water Tanks, Woods Cross, UT
- Emigration Creek Diversion Structure, Salt Lake City, UT

DOUG PAULL, P.E. | PROJECT ENGINEER (DESIGN TEAM)

Doug Paull is a project engineer located in the J-U-B Fort Collins office. Doug has 12 years of experience working on projects for special districts, municipalities, and in the private sector. The bulk of Doug's experience is in the design of water and sewer lines, water system modeling, and water master plans. Doug has extensive pipeline design experience. Recent examples of this include the design for relocation of 2,750 feet of 24-inch and 30-inch steel waterlines as part of a roadway project in Greeley, Colorado, and the design of 2 miles of 8-inch 30-inch waterline for the North Weld County Water District. Doug has also performed water system studies and master plans for the Towns of Windsor and Wellington, the Cities of Federal Heights and Laramie, and the Left Hand Water District. Doug is adept at coordinating with the various stakeholders in a project, helping reach solutions and outcomes that benefit all concerned.

**PROFESSIONAL REGISTRATIONS**

- Colorado PE 32554

EDUCATION

- B.S. Civil Engineering, Colorado State University

EMPLOYMENT HISTORY

- Project Engineer, J-U-B Engineers, Inc., Ft. Collins, CO, 2015 to Present
- Project Engineer, F&D International, Boulder, CO, 2014-2015
- Math Instructor, Highland School District, Ault, CO, 2004-2010
- Project Manager, The Engineering Company, Fort Collins, CO, 2000-2002
- Project Manager, Nolte Associates, Fort Collins, CO, 1998-2000
- Project Engineer, RBD, Inc., Fort Collins, CO, 1994-1996
- Project Engineer, Total Engineering Service, Evans, CO, 1993

Project Experience

- 20th Street 24-inch and 30-inch waterline replacements - Greeley, CO
- 30-inch and 8-inch waterline designs – North Weld County Water District
- Hunter Ridge 3-miles of 16-inch waterline – North Weld County Water District
- Seventy-First Avenue Bridge 30" Waterline Relocation - Greeley, CO
- Trunk 4 Sanitary Sewer Capacity/Relief Line - City of Longmont, CO
- Water system master plan – Windsor, CO
- Grandview Sewer Interceptor - Federal Heights, CO
- North Cañon Sanitary Sewer Interceptor and Four Mile Sanitary Sewer Interceptor - Fremont Sanitation District, Cañon City, CO
- Jackson Creek Crossing, 10-inch Sewer & 12-inch Water - Triview Metropolitan District, El Paso County, Colorado
- Colorado Avenue waterline replacement – University of Colorado Campus, Boulder, CO
- Norlin Quad waterline replacement – University of Colorado Campus, Boulder, CO
- Twelve-Inch water main relocation - Federal Heights, CO
- Jackson Creek Phase I Infrastructure Design, 12-, 16-, & 18-inch Waterlines - Triview Metropolitan District, El Paso County, Colorado
- Willows 12-inch Waterline Relocation – Highlands Ranch, CO
- Morning Drive transmission Line study – Loveland, CO
- Water system master plan – Left Hand Water District, Boulder County, CO
- Water system study – Wellington, CO
- Water system components – Walden, CO
- Package water treatment plant design – El Paso County, CO

RESUMES

CUYLER S. FRISBY, P.E. | PROJECT ENGINEER (DESIGN TEAM)

Cuyler is a civil engineer with four years of experience providing civil and environmental engineering services to clients throughout Nevada, California, and Utah. He has experience in sewer and storm drain design, water distribution system design, roadway rehabilitation, grading and drainage design, project/construction management, master planning, geographic information systems (GIS), and modeling of water distribution, storm drain, and sewer systems.

Project Experience

- Hydraulic Modeling Support; Sewer System Hydraulic Model; South Tahoe Public Utilities District, CA
- Integrated Master Plan; City of Porterville, CA
- Pleasant Valley Interceptor Reach 3 and 4 Alternatives Study; Washoe County, NV
- Hydraulic Study; East Bay Dischargers Authority (EBDA), CA
- Cherry Street Pump Station Capacity Study; Union Sanitary District, CA
- Valley Edge Sewer Capacity Analysis, Phase II; Chico Land Investment, LLC
- Sunset Hills Water System Expansion; City of Yerington, NV
- Diablo Drive Water and Sewer Project; Gerlach General Improvement District; NV
- Sierra Colina Subdivision; Kingsbury General Improvement District, NV
- Keller-Heavenly Water System Alternatives Evaluation; South Tahoe Public Utility District, CA
- Unidirectional Flushing Plan; Canyon General Improvement District; NV
- Tahoe Beach Club Development, Phase 1; Kingsbury General Improvement District, NV
- Utility Master Plan Update; City of Yerington, NV
- TRI LLC Re-Use Model; Tahoe-Reno Industrial Center LLC, NV
- Six Mile Canyon Drainage Improvements Project; Storey County, NV
- 2015 and 2016 Cape Seal Projects; Storey County, NV
- 2014 Waterline and Paving Project; Beverly and Virginia for Kingsbury General Improvement District, NV



PROFESSIONAL REGISTRATIONS

- California PE 86179
- Nevada PE 024021

EDUCATION

- M.S., Civil Engineering, Brigham Young University, 2014
- B.S., Civil Engineering, Brigham Young University, 2013

EMPLOYMENT HISTORY

- Project Engineer, J-U-B, Orem, UT, March, 2018-Present

GARY VANCE, P.E. | LIFT STATION DESIGN LEAD

Gary is a project manager for wastewater treatment systems, collection systems, and sewer lift stations. He has over 15 years of experience in the planning, design, construction, funding, permitting, and management of wastewater projects. He has a Masters Degree in Environmental Engineering from the University of Colorado. He has designed and coordinated the construction of more than 20 sewer lift stations of all types and sizes including related collection system infrastructure.

Project Experience**COLLECTION SYSTEMS AND LIFT STATIONS**

- Kearns Improvement District, UT (ongoing). Study of existing collection system including flow monitoring and geotech borings/ coordination. 27" gravity sewer bottleneck area requires alternate alignment with sewer depths approaching 40 ft deep. Alternatives analysis including 2 different gravity sewer alignments and 1 lift station alternative. J-U-B will provide design and construction services for the recommended alternative.
- Salt Lake City Public Utilities, UT (ongoing). Engineer of record for 2 suction lift station package systems with grinder as part of \$3 billion airport expansion project (North Concourse Northeast and Northwest). Includes approximately 9,000 ft of 8"-18" gravity sewer collection system.
- Windsor, CO (ongoing). 3.3 miles of 27" and 15" sewer line. Alternative project delivery to meet aggressive construction schedule. 30% set to secure CMGC contractor with final design occurring after construction has already started. Extensive easement coordination and acquisition.
- Morgan, UT (ongoing). Improvements at Wastewater Treatment Facility including extensive yard piping and drain piping design.
- Central Davis Sewer District, UT (2018). Duplex submersible lift station design as part of WWTP improvements project. Includes gravity drain piping and force main design. Previously designed wet pit / dry pit sewer lift station and collection system improvements for the District (2007-2013).
- Lindon, UT (2017). Engineer of record for design and construction of \$2.4M combined sewer, land drain, and pressure irrigation pump station. Includes associated collection system improvements and gravity sewer.
- Vineyard, UT (2016). Engineer of record for design and construction of 1,000 gpm wet pit / dry pit lift station. Includes collection system improvements and force main design.
- Industrial Client, Bellvue, CO (2016). Design and construction coordination of triplex submersible influent lift station, duplex submersible plant drain lift station, and duplex submersible emergency lift station and industrial membrane bioreactor facility. CMGC project in coordination with Moltz Construction. Includes extensive yard and drain piping design.
- Salt Lake City Public Utilities, UT (2015). Engineer of record for triplex suction lift station design with grinder at SLC International Airport (South Concourse West). Includes approximately 7,000 ft of 8"-21" collection system piping to serve the new South Concourse.
- Hooper, UT (2015). Analyzed collection system to master plan future lift station locations. Also developed a duplex submersible lift station design template for use by developers.

**PROFESSIONAL REGISTRATIONS**

- Utah PE 7279300
- Idaho PE 15050

EDUCATION

- M.S. Civil /Environmental Engineering, University of Colorado, 2004
- B.S. Chemical Engineering, University of Idaho, 2001

EMPLOYMENT HISTORY

- Water/Wastewater Engineer, J-U-B ENGINEERS, Inc., Kaysville, Utah, 2007 – Present
- Water/Sanitation Engineer, U.S. PEACE CORPS, El Cercado, Dominican Republic, 2004 – 2006
- Environmental Engineer, WASTEMINCO, Seattle, Washington, 2001 - 2002

RESUMES

WAYLON SCHUSTER | CAD DESIGNER

Waylon has been a civil CAD Designer for about eight years and about two years drafting residential construction documents for an architectural firm. He has worked on a diverse amount of civil projects including site development, transportation, subdivisions, infrastructure, and planning. Most of his involvement has been to support the project manager in the design and construction document process, utilizing AutoCAD and Civil 3D. His drafting experience includes utility layout and design, plan and profiles, grading, drainage, erosion control, subdivision street and lot layout, and as-builts. Waylon has also worked in the construction field and as a survey field technician - both of these positions give him a better understanding of how projects are designed and built. Waylon not only excels at drafting in Civil 3D, but also provides internal QA/QC to design since he has construction experience.

While working as a survey field technician, he was on a survey crew helping with topographic mapping, construction staking, boundary survey, cadastral survey, property line disputes and flood elevation certificates. During employment gaps in the Civil Design industry, Waylon has acquired a hands on construction background in residential framing, carpentry, window installation, roofing, and sheet rocking.

Project Experience

- Greeley 20th Street Phase 4 Transportation – Greeley, CO
- Greeley 71st Street / Sheep Draw Transportation – Greeley, CO
- Taft Avenue Transportation – Loveland, CO
- Lee Hill Road Transportation – Boulder County, CO
- Viestenz-Smith Mountain State Park Phase 2 Design – City of Loveland, CO
- McConnell Drive over Saint Vrain Creek Bridge Replacement – Town of Lyons, CO
- Riverwalk Pedestrian Improvements with Paley Sculpture – Town of Breckenridge, CO
- South Saint Vrain Bridge Transportation – Boulder County, CO
- Igesia Church CR 9½ & CR 28 Intersection Transportation – Mead, CO
- Igesia Church Site Development – Mead, CO
- Hunter Ridge 3 mile Waterline Extension (NWCWD) – Weld County, CO
- Boulder Scientific Co. Site Development – Mead, CO



EMPLOYMENT HISTORY

- J-U-B Engineers, Inc., 2016-Present
- Interwest Consultant Group, 2014-2016
- JVA Consultant Engineers, Inc., 2013-2014
- Quality Engineering, 2012-2013
- Branch Engineering, 2005-2010
- Kip Klayton Architects, 2001-2003

RESUMES

JUBAL M. MYERS | CAD DESIGNER

Jubal has more than 34 years of work experience in drafting, design, and surveying. His experience has included culinary storage tanks, wells and water systems, sanitary sewer systems and treatment plant design, municipal infrastructure, land and commercial development, roadway design, land and construction surveying, earth dam and reservoir designs, and construction inspection. He is proficient working with AutoDesk Civil 3D, MicroStation, and Power InRoads.

Project Experience

- West Lateral Piping Project and Billy Creek SWA; Bostwick Park Water Conservancy District, CO
- Dutch Hollow Pump Station, Midway Irrigation Company; Midway, UT
- Provo-Orem Transportation Improvement Project, Utility Coordination and Design; Provo City and Orem City, UT
- Building 1781 Water Supply Line Replacement; Hill Air Force Base, UT
- Pressure Irrigation Storage Reservoir; Pleasant Grove City, UT
- Vineyard Redevelopment Agency Projects; Vineyard City, UT
- Sewer, Water, and Storm Drain System Improvements; Blanding City, UT
- Culinary Water Wells Design and Improvements; Lehi City and Orem City, UT



EDUCATION

- A.A.S., Drafting and Design Technology, Utah Technical College, 1984

EMPLOYMENT HISTORY

- CAD Designer/Technician, J-U-B, Orem, UT, 2014-Present
- Senior Civil Designer/ CAD Manager, MW Brown Engineering, Inc., Orem, UT, 2004-2014
- Adjunct Instructor, Utah Valley State College, Orem, UT, 1999-2001
- CAD Design Manager, RB&G Engineering, Inc., Provo, UT, 1984-2004

RESUMES

TRAVIS GREEN | CAD DESIGNER

Travis Green is a CAD Designer with 24 years of experience with civil design for municipalities, private developers and water companies. Travis is proficient with AutoCAD, Civil 3D, and AutoCAD Map. His breadth of experience, efficiency, and knowledge makes him a vital asset to producing quality designs.

Project Experience

- Davis & Weber Counties Canal Co. - Gate 23 Screen
- Weber/Box Elder Conservancy District - South Willard Pressurized Irrigation System
- Davis & Weber Counties Canal Co. - West Branch Turnout
- Ogden City - Harrison to Monroe Flooding
- Salt Lake County - Big Cottonwood Creek Grate Reconstruction
- Huntsville Irrigation Company - Pressure Irrigation Project, Phase 2
- Ogden City - 17th Street Pump Station
- Kaysville City - Heritage Park Parking Lot Expansion
- Clinton City - 1600 West Land Drain/Storm Drain System
- Clinton City - 2014 Roadway Improvements
- Clinton City - Cemetery Waterline
- Clinton City - 790 West Sanitary Sewer Line Reconstruction
- Woods Cross City - Redwood Road Extension
- Weber County - Skyline Drive Extension
- Farmington City - Clark Lane Storm Drain Line
- Farmington City - Storm Water Detention Basin



EDUCATION

EMPLOYMENT HISTORY

- CAD Designer
J-U-B ENGINEERS, Inc.
Kaysville, Utah
2014 - Present
- Survey Drafter
Electrical Consultants,
Inc.
Woods Cross, Utah
2012 - 2013
- Civil Designer
Mustang Development
Park City, Utah
2005 - 2012
- Graphics Technician
Stanley Consultants
Salt Lake City, Utah
2003 - 2005
- Designer
Wilding Engineering, Inc.
Draper, Utah
2001 - 2003
- Field Technician-Drafter/
Designer
Diamond Design & Land
Surveying
Salt Lake City, Utah
1999-2000
- Field Technician Drafter/
Designer
Gibbons and Crow
Logan, Utah
1992 - 1994