



Ship To
City of Grand Junction
Persigo Waste Water Plant
2145 River Rd.
GRAND JUNCTION, CO 81505

Bill To
City of Grand Junction
Persigo Waste Water Plant
2145 River Rd.
GRAND JUNCTION, CO 81505

Purchase Order
No. 2024-00000485

DATE 09/10/2024

Ph. (970) 256-4048

Fax

Vendor
VENDOR NO. 7265
Core & Main LP
PO Box 28330
St. Louis, MO 63146

PAGE 1 of 1
SHIP VIA Best Way
DELIVER BY
FREIGHT TERMS FOB Dest, Frght Prepaid .Allow
Payment Terms: Net 30 Days
Buyer Name: Dolly Daniels
Buyer Email: dollyd@gjcity.org

Award IFB-5493-24-DD

QUANTITY	UNIT	DESCRIPTION	UNIT COST	TOTAL COST
11.0000	Each	WASTEWATER SUPPLIES AND EQUIPMENT - Dezurik Valves 902-615-620-380.8430 - Sewer Treatment 100,672.00 F0010-F001054	9,152.0000	\$100,672.00
290.0000	Each	WASTEWATER SUPPLIES AND EQUIPMENT - 1-1/8" X 4" Bolts with Nuts 902-615-620-380.8430 - Sewer Treatment 1,087.50 F0010-F001054	3.7500	\$1,087.50
120.0000	Each	WASTEWATER SUPPLIES AND EQUIPMENT - 1 1/5" X 4 Studs with Nuts 902-615-620-380.8430 - Sewer Treatment 366.00 F0010-F001054	3.0500	\$366.00
25.0000	Each	WASTEWATER SUPPLIES AND EQUIPMENT - 18" Flange Gaskets 902-615-620-380.8430 - Sewer Treatment 268.75 F0010-F001054	10.7500	\$268.75
PURCHASE ORDER TOTAL				\$102,394.25

Special Instructions: PURCHASE ORDER No. MUST APPEAR ON ALL INVOICES, SHIPPERS, PACKAGES, CORRESPONDENCE
Tax Exempt No. 98-03544

By: Dolly f. Daniels



Purchasing Division

Invitation for Bid

IFB-5493-24-DD

DeZURIK Valves and Hardware

Responses Due:

September 5, 2024, prior to 2:00 PM Local Time

Accepting Electronic Responses Only

Responses Only Submitted Through the Rocky Mountain E-Purchasing www.bidnetdirect.com/colorado

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

Purchasing Representative:

Dolly Daniels, Senior Buyer

dollyd@gjcity.org

Phone (970) 256-4048

NOTE: Solicitation opening will be held virtually.
See Section 1.7 for details.

Invitation for Bids

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Section 1	Instruction to Bidders
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1. Instructions to Bidders

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

- 1.1. A.D.A Document Compliance Requirements:** All work documents, and/or bid/proposal documents submitted, as a result of this solicitation must comply with all applicable provisions of §§24-85-101, C.R.S., et seq., and the Accessibility Standards for Individuals with a Disability, as established by the Office Of Information Technology according to Section §24-85-103 (2.5), C.R.S. and 3) all State of Colorado technology standards related to technology accessibility and with Level A.A. of the most current version of the Web Content Accessibility Guidelines (WCAG), incorporated in the State of Colorado technology standards.
- 1.2. Issuing Office:** This Invitation for Bid (IFB) is issued by the City of Grand Junction. All contact regarding this IFB is to be directed to:

Dolly Daniels, Senior Buyer
dollyd@gjcity.org

With the exception of Pre-Bid or Site Visit Meeting(s) all questions, inquiries, comments, or communication pertaining to this solicitation (whether process, specifications, scope, etc.) must be directed in writing to the Purchasing Agent assigned to the project or Purchasing Division. Other communication may result in disqualification.
- 1.3. Purpose:** The City of Grand Junction is soliciting competitive bids from qualified and interested companies for all labor, equipment, and materials required to provide and deliver eleven (11) **18-inch DeZurik Valves and Associated Hardware**. All specifications and scope of work should be verified by Bidders prior to submission of bids.
- 1.4. 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 its authorized representative.
- 1.5. Compliance:** All Firms, by submitting a bid, agree to comply with all conditions, requirements, and instruction of this IFB as stated or implied herein. Should the Owner omit anything which is necessary to the clear understanding of the requirements, or should it appear that various instructions are in conflict, the Firm(s) shall secure instructions from the Purchasing Agent prior to submittal deadline.
- 1.6. Procurement Process:** The most current version of the City of Grand Junction [Purchasing Policy and Procedure Manual](#) is contracting.

- 1.7. **Submission:** *Each bid shall be submitted in electronic format only through the Rocky Mountain E-Purchasing website (www.bidnetdirect.com/colorado).* *This site offers both “free” and “paying” registration options that allow for full access of the Owner’s documents and for electronic submission of proposals. (Note: “free” registration may take up to 24 hours to process. Please Plan accordingly.)* Please view our “**Electronic Vendor Registration Guide**” at <http://www.gjcity.org/501/Purchasing-Bids> for details. (Purchasing Representative does not have access or control of the vendor side of RMEPS. If website or other problems arise during response submission, vendor **MUST** contact RMEPS to resolve issue prior to the response deadline. **800-835-4603**).

Bid Opening DeZURIK Valves and Hardware
Sep 5, 2024, 2:00 – 2:30 PM (America/Denver)

Please join my meeting from your computer, tablet or smartphone.

<https://meet.goto.com/456936837>

You can also dial in using your phone.

Access Code: 456-936-837

United States: [+1 \(646\) 749-3122](tel:+16467493122)

Join from a video-conferencing room or system.

Meeting ID: 456-936-837

Dial in or type: 67.217.95.2 or inroomlink.goto.com

Or dial directly: 456936837@67.217.95.2 or 67.217.95.2###456936837

Get the app now and be ready when your first meeting starts:

<https://meet.goto.com/install>

- 1.8. **Modification and Withdrawal of Bids Before Opening.** Bids may be modified or withdrawn by an appropriate document stating such, duly executed and submitted to the place where Bids are to be submitted at any time prior to Bid Opening.

A bid must be firm and valid for award and may not be withdrawn or cancelled by the Firm for sixty (60) days following the submittal deadline date, and only prior to award.

- 1.9. **Printed Form for Price Bid:** All Price Bids must be made upon the Price Bid Schedule attached and should give the amounts both in words and in figures and must be signed and acknowledged by the bidder.

The Firm shall specify a unit price in figures for each pay item for which a quantity is given and shall provide the products (in numbers) of the respective unit prices and quantities in the Extended Amount column. The total Bid price shall be equal to the sum of all extended amount prices. When an item in the Price Bid Schedule provides a choice to be made by the Firm, Firm’s choice shall be indicated in accordance with the specifications for that particular item and thereafter no further choice shall be permitted.

Where the unit of a pay item is lump sum, the lump sum amount shall be shown in the "extended amount" column and included in the summation of the total Bid.

All blank spaces in the Price Bid Schedule must be properly filled out.

Bids by corporations must be executed in the corporate name by the president or vice president or other corporate office accompanied by evidence of authority to sign. The corporate address and state of incorporation shall be shown below the signature.

Bids by partnerships must be executed in the partnership name and signed by a partner whose title must appear under the signature and the official address of the partnership must be shown below the signature.

All names must be typed or printed below the signature.

The Firm's Bid shall contain an acknowledgement of receipt of all Addenda, the numbers of which shall be filled in on the Firm's Bid Form.

The contact information to which communications regarding the Bid are to be directed must be shown.

- 1.10. Exclusions:** No oral, telephonic, emailed, or facsimile bid will be considered
- 1.11. Contract Documents:** The complete IFB and bidder's response compose the Contract Documents. Copies of these documents can be obtained from the City Purchasing website, <https://www.gjcity.org/501/Purchasing-Bids>.
- 1.12. Examination of Specifications:** Bidders shall thoroughly examine and be familiar with the project Statement of Work. The failure or omission of any Bidder to receive or examine any form, addendum, or other document shall in no way relieve any Bidder from any obligation with respect to its bid. The submission of a bid shall be taken as evidence of compliance with this section. Prior to submitting a bid, each Firm shall, at a minimum:
 - a. Examine the *Contract Documents* thoroughly;
 - b. Visit the site to familiarize itself with local conditions that may in any manner affect cost, progress, or performance of the Work;
 - c. Become familiar with federal, state, and local laws, ordinances, rules, and regulations that may in any manner affect cost, progress or performance of the Work;
 - d. Study and carefully correlate Bidder's observations with the *Contract Documents*, and;
 - e. Notify the Purchasing Agent of all conflicts, errors, ambiguities, or discrepancies in or among the *Contract Documents* within the designated inquiry period.
- 1.13. Questions Regarding Statement of Work:** Any information relative to interpretation of Scope of Work or specifications shall be requested of the Purchasing Representative, in writing, in ample time prior to the response time.

- 1.14. Addenda & Interpretations:** If it becomes necessary to revise any part of this solicitation, a written addendum will be posted electronically on the City's website at <https://www.gjcity.org/501/Purchasing-Bids>. The Owner is not bound by any oral representations, clarifications, or changes made in the written specifications by Owner, unless such clarification or change is provided in written addendum form from the City Purchasing Representative.
- 1.15. Taxes:** The Owner is exempt from the State, County, and Municipal Sales Tax and Federal Excise Tax; therefore, all fees shall not include taxes.
- 1.16. Sales and Use Taxes:** The Firm and all Subcontractors are required to obtain exemption certificates from the Colorado Department of Revenue for sales and use taxes in accordance with the provisions of the General Contract Conditions. Bids shall reflect this method of accounting for sales and use taxes on materials, fixtures, and equipment.
- 1.17. Offers Binding 60 Days:** Unless otherwise specified, all formal offers submitted shall be binding for sixty (60) calendar days following opening date, unless the Bidder, upon request of the Purchasing Representative, agrees to an extension.
- 1.18. Exceptions and Substitutions:** All bids meeting the intent of this IFB shall be considered for award. A Firm taking exception to the specifications does so at the Firm's risk. The Owner reserves the right to accept or reject any or all substitutions or alternatives. When offering substitutions and/or alternatives, Firm must state any exception(s) in the section to which the exception(s) pertain. Exception/substitution, if accepted, must meet, or exceed the stated intent and/or specifications. The absence of stated exception(s) indicates that the Firm has not taken exceptions, and if awarded a Contract shall hold the Firm responsible to perform in strict accordance with the specifications or scope of the bid and Contract Documents.
- 1.19. Collusion Clause:** Each Offeror by submitting a bid 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 bids shall be rejected if there is evidence or reason for believing that collusion exists among the proposers. The Owner may or may not, at its discretion, accept future bids for the same service or commodities for participants in such collusion.
- 1.20. Disqualification of Bidders:** A Bid will not be accepted from, nor shall a Contract be awarded to, any person, firm, or corporation that is in arrears to the Owner, upon debt or Contract, or that has defaulted, as surety or otherwise, upon any obligation to the Owner, or that is deemed irresponsible or unreliable.

Bidders may be required to submit satisfactory evidence that it is responsible, have a practical knowledge of the project bid upon and that it has the necessary financial and other resources to complete the proposed Work.

Either of the following reasons, without limitation, shall be considered sufficient to disqualify a Bidder and Bid:

- a. More than one Bid is submitted for the same Work from an individual, firm, or corporation under the same or different name; and
 - b. Evidence of collusion among Bidders. Any participant in such collusion shall not receive recognition as a Bidder for any future work of the Owner until such participant has been reinstated as a qualified bidder.
- 1.21. Public Disclosure Record:** If the Offeror has knowledge of its employee(s) or sub-contractors having an immediate family relationship with an Owner employee or elected official, the Offeror must provide the Purchasing Agent with the name(s) of the individuals. The individuals are required to file a "Public Disclosure Record", a statement of financial interest, before conducting business with the Owner.
- 1.22. Public Opening:** Bids shall be opened in a virtual meeting immediately following the bid deadline. Offerors, its representatives and interested persons may be present. Only the name(s) and business address of the Offeror(s) will be disclosed.

2. General Contract Conditions

- 2.1. The Contract:** This Invitation for Bid submitted documents, and any negotiations, when properly accepted by the Owner, shall constitute an enforceable agreement equally binding between the Owner and Firm. The Contract represents the entire and integrated agreement between the City and the Firm and supersedes all prior negotiations, representations, or agreements, either written or oral, including the Bid documents. The Contract may be amended or modified with Change Orders, Field Orders, or Amendment.
- 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 it has familiarized itself with the local conditions under which the Work is to be performed and correlated its observations with the requirements of the Contract Documents. The Contract Documents are complementary, and what is required by anyone, shall be as binding as if required by all. The intention of the Contract Documents is to include all labor, materials, equipment, Work and other items necessary for the proper execution and completion of the Scope of Work as defined in the technical specifications and/or drawings contained herein. All drawings, specifications and copies furnished by the Owner are, and shall remain, Owner property. It's not to be used on any other project.
- 2.3. 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 its authorized representative.
- 2.4. Firm:** The Firm is the person or organization identified as such in the Agreement and is referred to throughout the Contract Documents. The term Firm means the Firm or its authorized representative. The Firm shall carefully study and compare the General Contract Conditions of the Contract, Specification and/or Drawings, Scope of Work, Addenda and Modifications and shall at once report to the Owner any error, inconsistency, or omission it 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 work without clarifying Drawings, Specifications, or Interpretations.

- 2.5. Warranty:** The Firm warrants to the Owner that all materials and equipment furnished under this Contract will be new unless otherwise specified, be of good quality, free from faults and defects and in conformance with the Contract Documents. All materials and equipment not so conforming to these standards may be considered defective. If required by Owner, the Firm shall furnish satisfactory evidence as to the kind and quality of materials and equipment. If within ten (10) days after written notice to the Firm requesting such repairs or replacement, the Firm should neglect to make or undertake with due diligence to the same, the City may make such replacements. All indirect and direct costs of such correction or replacement shall be at the Firm's expense.
- 2.6. Indemnification:** Firm 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 Firm, or of any Firm's agent, employee, sub-Firm or supplier in the execution of, or performance under, any Contract which may result from bid award. Firm shall pay any judgment with costs which may be obtained by and/or against the Owner arising out of or under the performance.
- 2.7. Miscellaneous Conditions:** Material Availability: Firms must accept responsibility for verification of material availability, production schedules, and other pertinent data prior to submission of bid. It is the responsibility of the bidder to notify the Owner immediately if materials specified are discontinued, replaced, or not available for an extended period of time. OSHA Standards: All bidders agree and warrant that Work performed in response to this invitation shall conform to the standards declared by the US Department of Labor under the Occupational Safety and Health Act of 1970 (OSHA). In the event the Work does not conform to OSHA standards, the Owner may require the Work to be redone at no additional expense to the Owner.
- 2.8. Time:** The Contract Time is the period of time allotted in the Contract Documents for completion of product/material receipt. The date of commencement of the Contract is the date established in the Contract Documents.
- 2.9. Payment & Completion:** The Contract Sum is stated in the Contract and is the total amount payable by the Owner to the Firm for the performance of the Work under the Contract Documents. Upon receipt of written notice that the Work is ready for final inspection and acceptance and upon receipt of application for payment, the Owner's Project Manager will promptly make such inspection and, when it finds the Work acceptable under the Contract Documents and the Contract fully performed, the Owner shall make payment in the manner provided in the Contract Documents. Partial payments will be based upon estimates, prepared by the Firm, of the value of Work performed and materials placed in accordance with the Contract Documents. The Work performed by Firm shall be in accordance with generally accepted professional practices and the level of competency presently

maintained by other practicing professional firms in the same or similar type of Work in the applicable community. The Work to be performed by Firm hereunder shall be done in compliance with applicable laws, ordinances, rules and regulations.

- 2.10. Protection of Persons & Property:** The Firm shall comply with all applicable laws, ordinances, rules, regulations, and orders of any public authority having jurisdiction for the safety of persons or property or to protect itself from damage, injury, or loss. Firm shall erect and maintain, as required by existing safeguards for safety and protection, and all reasonable precautions, including posting danger signs or other warnings against hazards promulgating safety regulations and notifying owners and users of adjacent utilities. When or where any direct or indirect damage or injury is done to public or private property by or on account of any act, omission, neglect, or misconduct by the Firm in the execution of the Work, or in consequence of the non-execution thereof by the Firm, it shall restore, at its own expense, such property to a condition similar or equal to that existing before such damage or injury was done, by repairing, rebuilding, or otherwise restoring as may be directed, or it shall make good such damage or injury in an acceptable manner.
- 2.11. Change Order/Amendment:** No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the Contract. All amendments to the Contract shall be made in writing by the City Contract Administrator.
- 2.12. Assignment:** The Firm shall not sell, assign, transfer or convey the Contract resulting from this IFB, in whole or in part, without the prior written approval from the Owner.
- 2.13. Cancellation of Solicitation:** Any solicitation may be canceled by the Owner or any solicitation response by a vendor may be rejected in whole or in part when it is in the best interest of the Owner.
- 2.14. Compliance with Laws:** Responses must comply with all Federal, State, County and local laws governing of the service and the fulfillment of the Service(s) for and on behalf of the public. Firm hereby warrants that it is qualified to assume the responsibilities and render the Work described herein and has all requisite corporate authority and professional licenses in good standing, required by law.
- 2.15. Confidentiality:** All materials submitted in response to this Solicitation 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 bid, or to remove the confidential or

proprietary restrictions. Neither cost nor pricing information nor the total response shall be considered confidential or proprietary.

- 2.16. Conflict of Interest:** No public official and/or Owner employee shall have interest in the Contract resulting from this Invitation for Bid.
- 2.17. Contract Termination:** The Contract shall remain in effect until any of the following occurs: (1) Contract expires; (2) completion of Work; (3) final acceptance of Work 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.
- 2.18. Employment Discrimination:** During the performance of any Work per agreement with the Owner, the Firm, agrees to:
- 2.18.1.** 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 Firm. The Firm agrees to post in conspicuous places, visible to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
- 2.18.2.** In all solicitations or advertisements for employees placed by or on behalf of the Firm, that the Firm is an Equal Opportunity Employer.
- 2.18.3.** 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.
- 2.19. Immigration Reform and Control Act of 1986 and Immigration Compliance:** The Firm certifies that it does not and will not during the performance of the Contract employ Service(s)er without authorization Work or otherwise violate the provisions of the Federal Immigration Reform and Control Act of 1986 and/or law regulating immigration compliance.
- 2.20. Ethics:** The Firm shall not accept or offer gifts or anything of value and/or enter into any business arrangement with any employee, official, or agent of the Owner.
- 2.21. Failure to Deliver:** In the event of failure of the Firm to perform in accordance with the Contract Documents, the Owner, after due oral or written notice, may procure Work from other sources and hold the Firm responsible for any and all costs resulting in the purchase of additional Work and materials necessary to perform the Service(s). This remedy shall be in addition to any other remedies that the Owner may have.
- 2.22. 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 of the Contract Documents at any time in accordance with the terms thereof.

- 2.23. Force Majeure:** The Firm 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 Firm, unless otherwise specified in the Contract.
- 2.24. Independent Firm:** The Firm 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, 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 Service(s)ers' Compensation, normally provided by the Owner for its employees.
- 2.25. Nonconforming Terms and Conditions:** A response that includes terms and conditions that do not conform to the terms and conditions of this Solicitation is subject to rejection as non-responsive. The Owner reserves the right to permit the Firm to withdraw nonconforming terms and conditions from its response 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. Patents/Copyrights:** The Firm 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 Firm 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 Solicitation.
- 2.28. Remedies:** The Firm and Owner agree that both parties have all rights, duties, and remedies available as stated in the Uniform Commercial Code.
- 2.29. Governing Law:** Any agreement as a result of responding to this Solicitation 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 a response to this Solicitation are the responsibility of the Firm and cannot be charged to the Owner.
- 2.31. Sovereign Immunity:** The Owner specifically reserves its right to sovereign immunity pursuant to Colorado Law as a defense to any action arising out of or under a Contract.
- 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. Colorado law prohibits 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. The Contract will be subject to and provide a non-appropriation of funds clause.

2.33. 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 shall be required to abide by the specifications, terms, conditions, and pricings established in this Solicitation. The quantities furnished in this bid document are for only the Owner. It does not include quantities for any other jurisdiction. The Owner shall be responsible only for the award for its jurisdiction. Other participating entities shall place its own awards on its respective Contract/Purchase Orders through its Purchasing Office or use its 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 shall indicate its specific delivery and invoicing instructions.

2.34. Definitions:

2.34.1. The term "Work" includes all labor, materials, equipment, and/or services necessary to produce the requirements of the Contract Documents.

2.34.2. "City" is the City of Grand Junction, Colorado and is referred to throughout the Contract Documents. The term City means the City or its authorized representative. Based on such observations and the Firm's Application for Payment, the City will determine the amounts owing to the Firm and will issue Certificates for Payment in such amounts, as provided in the Contract. The City will have authority to reject Service(s) which does not conform to the Contract documents. Whenever, in its reasonable opinion, it considers it necessary or advisable to ensure the proper implementation of the intent of the Contract Documents, it will have authority to require the Firm to stop the Service(s) or any portion, or to require special inspection or testing of the Service(s), whether or not such Service(s) can then be fabricated, installed, or completed. The City will not be responsible for the acts or omissions of the Firm, and sub- Firm, or any of its agents or employees, or any other persons performing any of the Service(s).

2.34.3. "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 its authorized representative. The Firm shall carefully study and compare the General Contract Conditions of the Contract, Specification and Drawings, Scope of Work, Addenda and Modifications and shall at once report to the Owner any error, inconsistency, or omission it 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 Work without clarifying Drawings, Specifications, or Interpretations.

- 2.34.4.** "Sub-Contractor" is a person or organization who has a direct Contract with the Firm to perform any of the work at the site. The term sub-contractor is referred to throughout the Contract documents and means a sub-contractor or its authorized representative.

3. Specifications and Special Conditions & Provisions

- 3.1. General:** The City of Grand Junction is soliciting competitive Quotes from qualified and interested Companies for all labor, equipment, and materials required to provide and deliver eleven (11) **18-inch DeZURIK Valves with Hardware**. All specifications and scope of work should be verified by Bidders prior to submission of Quotes.

This is a products/materials purchase only. No installation is required for this purchase.

Delivery/Freight costs of the product to the City of Grand Junction must be included in the Quote price.

- 3.2. Specifications:**

DeZURIK Valves Quantity Eleven (11)

- DeZURIK PEC, 18, F1, CI, NBR, CR*GS-12-HD16
- Style: PEC - Eccentric Plug Valve, Rectangular Port (AWWA C517) (PEC)
- Size: 18 - 18 Inch (450mm); SST Bearings; Welded-in Nickel Seat (Except Rubber Lined or Stainless-Steel Bodies)
- End Connection: F1 - Flanged Drilling; ASME Class 125/150
- Body Material: CI - Cast Iron; (.5"-12" (15-300mm) Pressure Rating 175 psi (1210 kPa); (14"& larger (350mm and larger) Pressure Rating 150 psi (1030 kPa)
- Packing: NBR - .5" - 3" Acrylonitrile-Butadiene Reinforced filler in a PTFE U-ring, -20 to 180° F. (-29 to 83° C.); 4" & Larger Acrylonitrile-Butadiene Reinforced V-type, -20 to 250° F. (-29 to 121° C.)
- Plug Facing: CR - Chloroprene; -20 to 180° F. (-29 to 83° C.)
- Coating: SB0 - Exterior: 4 mils minimum of Blue Epoxy DeZURIK with Standard (SP10) surface prep
- Actuator: GS-12-HD16 - G-Series Handwheel; 16 In Dia
- Weight (Approx): 1183 lbs/ 537 kgs
- Min Valve Temperature: -20 Degrees F.
- Max Temperature: 180 Degrees F.
- Max Valve Pressure: 150 psig

Hardware

- 1-1/8" X 4" bolts with nuts (Quantity 290 each)
- 1-1/8" X 4" studs with nuts (Quantity 120 each)
- 18" flange gaskets (Quantity 25 each)

- 3.3. Special Conditions & Provisions:**

3.3.1 Questions Regarding Solicitation Process/Scope of Work:

Dolly Daniels, Senior Buyer
City of Grand Junction
dollyd@gjcity.org

- 3.3.2. Contract Administrator:** The Contract Administrator for the Project is Duane Hoff Jr., Contract Administrator, who can be reached at (970) 244- 1545. After Award, contract related inquiries, issues, and other communications shall be directed to:

Duane Hoff Jr., Contract Administrator
duaneh@gjcity.org

- 3.3.3 Materials Specifications Sheet:** Bidders shall supply materials specifications sheets for all products proposed for Quote, with the Quote submittals.
- 3.3.4. Inspection:** The City will conduct in-house and independent test to verify supplier conformance to specifications. Material not conforming to the required specification shall be removed at supplier expense and replaced with material that meets the specifications contained in the contract documents.
- 3.3.5. Rejection of Products/Supplies:** The City of Grand Junction reserves the right to return products/supplies due to product flaws and/or not meeting specifications. Judgment of non-conformity will be at the discretion of the City of Grand Junction Project Manager.
- 3.3.6. Delivery Location:** Items shall be delivered “F.O.B. Destination – Freight Pre-paid and Allowed” to:
- Persigo Wastewater Treatment Plant
Attn: Ashley Firl Email ashleyfi@gjcity.org Phone 970-256-4133
2145 River Road
Grand Junction, CO 81505
- 3.3.7. Minimum Order Quantities:** The bidder shall not establish a minimum order quantity for items under contract.
- 3.3.8. Pricing:** Pricing shall be all inclusive to include but not be limited to: all labor, equipment, supplies, materials, freight (F.O.B. Destination – Freight Pre-paid and Allowed to each site), travel, mobilization costs, fuel, set-up and take down costs, and full-time inspection costs, and all other costs related to the successful completion of the project.
- The Owner shall not pay nor be liable for any other additional costs including but not limited to: taxes, shipping charges, insurance, interest, penalties, termination payments, attorney fees, liquidated damages, etc.
- 3.3.9. Contract:** A binding contract shall consist of: (1) the IFB and any amendments thereto, (2) the bidder's response (bid) to the IFB, (3) clarification of the bid, if any, and (4) the City's Purchasing Department's acceptance of the bid by

“Notice of Award” or by “Purchase Order”. All Exhibits and Attachments included in the IFB shall be incorporated into the Contract by reference.

- A. The Contract expresses the complete agreement of the parties and, performance shall be governed solely by the specifications and requirements contained therein.
- B. Any change to the contract, whether by modification and/or supplementation, must be accomplished by a formal Contract amendment signed and approved by and between the duly authorized representative of the bidder and the City Purchasing Division or by a modified Purchase Order prior to the effective date of such modification. The bidder expressly and explicitly understands and agrees that no other method and/or no other document, including acts and oral communications by or from any person, shall be used or construed as an amendment or modification to the contract.

3.3.10. Packing Slips or Delivery Tickets: All shipments or deliveries shall be accompanied by Packing Slips or Delivery Tickets, and shall contain the following information for each item delivered:

- The purchase order number
- The name of the article and stock number
- The quantity ordered
- The quantity shipped
- The quantity back ordered
- The name of the vendor(s)

3.3.11. Contract Period: The original contract period shall be as stated in the Invitation for Bid (IFB). The Contract shall not bind, nor purport to bind, the City for any contractual commitment in excess of the original contract period, which is from Contract issue date to December 31, 2024.

3.3.12. Authorized Representatives of the City: Those authorized to represent the City shall include Purchasing Agent, Engineers, and Inspectors employed by the City, only.

3.4. Firm’s Bid Documents: For Firm’s convenience, the following is a list of forms/items to be submitted with the Firm’s bid response. However, should a form/item not be listed in this section, but required in the solicitation documents, it is the Firm’s responsibility to ensure all forms/items are submitted.

- **Firm’s Bid Form**
- **Price Bid Schedule**
- **Materials Specification Sheets**
- **Warranty Information**

3.5. IFB Tentative Time Schedule:

- Invitation for Bids available August 16, 2024
- Inquiry deadline, no questions after this date August 26, 2024
- Addendum issued, if needed August 28, 2024
- Bid Deadline September 5, 2024, 2:00 PM
- Purchase Order execution September 9, 2024

4. Firm's Bid Form

Bid Date: Project: IFB-5493-24-DD "DeZURIK Valves and Hardware"

Bidding Company: _____

Name of Authorized Agent: _____

Email _____

Telephone _____ **Address** _____

City _____ **State** _____ **Zip** _____

The undersigned Bidder, in compliance with the Invitation for Bids, having examined the Instruction to Bidders, General Contract Conditions, Statement of Work, Specifications, and any and all Addenda thereto, having investigated the location of, and conditions affecting the proposed work, hereby proposes to furnish all labor, materials and supplies, and to perform all work for the Project in accordance with Contract Documents, within the time set forth and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this Contractor's Bid Form is a part.

The undersigned Contractor does hereby declare and stipulate that this offer is made in good faith without collusion or connection to any person(s) providing an offer for the same work, and that it is made in pursuance of, and subject to, all terms and conditions of the Instructions to Bidders, the Specifications, and all other Solicitation Documents, all of which have been examined by the undersigned.

The Contractor also agrees that if awarded the Contract, to provide insurance certificates within ten (10) working days of the date of Notification of Award. Submittal of this offer will be taken by the Owner as a binding covenant that the Contractor will be prepared to complete the project in its entirety.

The Owner reserves the right to make the award on the basis of the offer deemed most favorable, to waive any formalities or technicalities and to reject any or all offers. It is further agreed that this offer may not be withdrawn for a period of sixty (60) calendar days after closing time. Submission of clarifications and revised offers automatically establish a new thirty day (30) period.

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

- Prices in this bid 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 bid proposal for the purpose of restricting competition.
- The individual signing this bid proposal certifies they are a legal agent of the offeror, authorized to represent the offeror and is legally responsible for the offer with regard to supporting documentation and prices provided.
- Direct purchases by the City of Grand Junction are tax exempt from Colorado Sales or Use Tax. Tax exempt No. 98-903544. The undersigned certifies that no Federal, State, County or Municipal tax will be added to the above quoted prices.
- City of Grand Junction payment terms shall be Net 30 days.
- Prompt payment discount of _____ percent of the net dollar will be offered to the Owner if the invoice is paid within _____ days after the receipt of the invoice. The Owner reserves the right to take into account any such discounts when determining the bid award.

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 Bidder to ensure all Addenda have been received and acknowledged.

By signing below, the Undersigned agree to comply with all terms and conditions contained herein.

Company: _____

Authorized Signature: _____

Title: _____

**IFB-5493-24-DD “DeZURIK Valves and Hardware”
PRICE BID SCHEDULE:**

Item	Description	Quantity	Units	Unit Price	Extended Price
1	DeZURIK Valves	11	EA.	\$ _____	\$ _____
2	Hardware Kits for DeZURIK Valves	2	EA.	\$ _____	\$ _____
3	1-1/8” X 4” Bolts w/ Nuts	290	EA.	\$ _____	\$ _____
4	1-1/8” X 4” Studs w/ Nuts	120	EA.	\$ _____	\$ _____
5	18” Flange Gaskets	25	EA.	\$ _____	\$ _____
Total Extended/Bid Price					\$ _____

Total Extended Bid Amount Written

_____ **Dollars**

Warranty (State warranty and provide manufacturer’s statement)

Provide the Manufacturer Specification Information

Provide Estimated Project Lead Time

By signing below, the Undersigned agree to comply with all terms and conditions contained herein.

Company: _____

Authorized Signature: _____

Title: _____

Date: _____



Purchasing Division

ADDENDUM NO. 1

DATE: August 19, 2024
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: DeZURIK Valves and Hardware IFB-5493-24-DD

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. **Question:** What type of material for the gaskets?
Answer: Rubber
2. **Question:** What type of material for the bolts/nuts?
Answer: Zinc Coated Steel
3. **Question:** No washers are required, correct?
Answer: Correct, No washers are required.
4. **Question:** Would the City accept Crispin valve be accepted as an equal to the Dezurik specified?
Crispin valve meets the specifications requirements. Crispin Valve is approved at many cities across the US along with Dezurik and a few other manufacturers.
Answer: We are requiring DeZuriks for this application, because raw sewage is an essential pinch point in our operations, we require that all the valves be from the same manufacturer - the other valves are DeZuriks, and this enables us to maintain redundancy and maximize flexibility for repairs during emergencies.
5. **Clarification:** The "Hardware Kits" have been removed from the Price Bid Schedule. Please use the attached revised Price Bid Schedule when submitting your bid.

The original solicitation for the project noted above is amended as noted. All other conditions of the subject remain the same.

Respectfully,

A handwritten signature in blue ink that reads "Dolly Daniels".

Dolly Daniels, Senior Buyer
City of Grand Junction, Colorado

IFB-5493-24-DD “DeZURIK Valves and Hardware”
PRICE BID SCHEDULE: Addendum No. 1

Item	Description	Quantity	Units	Unit Price	Extended Price
1	DeZURIK Valves	11	EA.	\$ _____	\$ _____
2	1-1/8” X 4” Bolts w/ Nuts	290	EA.	\$ _____	\$ _____
3	1-1/8” X 4” Studs w/ Nuts	120	EA.	\$ _____	\$ _____
4	18” Flange Gaskets	25	EA.	\$ _____	\$ _____
Total Extended/Bid Price					\$ _____

Total Extended Bid Amount Written

_____ Dollars

Warranty (State warranty and provide manufacturer’s statement)

Provide the Manufacturer Specification Information

Provide Estimated Project Lead Time

By signing below, the Undersigned agree to comply with all terms and conditions contained herein.

Company: _____

Authorized Signature: _____

Title: _____

Date: _____



Purchasing Division

ADDENDUM NO. 2

DATE: August 26, 2024
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: DeZURIK Valves and Hardware IFB-5493-24-DD

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. **Question:** Additional clarification needed:
 - #3- are you needing 120 nuts or 240 nuts (one on each end) for stud bolts?
 - #4- thickness of red rubber flange gasket...1/4", 1/8", etc.
- Answer:** 120 Nuts
1/8" thick gaskets

The original solicitation for the project noted above is amended as noted. All other conditions of the subject remain the same.

Respectfully,

A handwritten signature in blue ink that reads "Dolly Daniels".

Dolly Daniels, Senior Buyer
City of Grand Junction, Colorado

4. Firm's Bid Form

Bid Date: Project: IFB-5493-24-DD "DeZURIK Valves and Hardware"

Bidding Company: CORE AND MAIN

Name of Authorized Agent: JIMMY R STREET

Email: jimmy.street@coreandmain.com

Telephone: 970.260.4276 Address: 3026 I-70 Business Loop

City: GRAND JCT State: CO Zip: 81504

The undersigned Bidder, in compliance with the Invitation for Bids, having examined the Instruction to Bidders, General Contract Conditions, Statement of Work, Specifications, and any and all Addenda thereto, having investigated the location of, and conditions affecting the proposed work, hereby proposes to furnish all labor, materials and supplies, and to perform all work for the Project in accordance with Contract Documents, within the time set forth and at the prices stated below. These prices are to cover all expenses incurred in performing the work required under the Contract Documents, of which this Contractor's Bid Form is a part.

The undersigned Contractor does hereby declare and stipulate that this offer is made in good faith without collusion or connection to any person(s) providing an offer for the same work, and that it is made in pursuance of, and subject to, all terms and conditions of the Instructions to Bidders, the Specifications, and all other Solicitation Documents, all of which have been examined by the undersigned.

The Contractor also agrees that if awarded the Contract, to provide insurance certificates within ten (10) working days of the date of Notification of Award. Submittal of this offer will be taken by the Owner as a binding covenant that the Contractor will be prepared to complete the project in its entirety.

The Owner reserves the right to make the award on the basis of the offer deemed most favorable, to waive any formalities or technicalities and to reject any or all offers. It is further agreed that this offer may not be withdrawn for a period of sixty (60) calendar days after closing time. Submission of clarifications and revised offers automatically establish a new thirty day (30) period.

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

- Prices in this bid 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 bid proposal for the purpose of restricting competition.
- The individual signing this bid 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 0 percent of the net dollar will be offered to the Owner if the invoice is paid within 0 days after the receipt of the invoice. The Owner reserves the right to take into account any such discounts when determining the bid award.

RECEIPT OF ADDENDA: the undersigned Contractor acknowledges receipt of Addenda to the Solicitation, Specifications, and other Contract Documents.

State number of Addenda received: 2

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

By signing below, the Undersigned agree to comply with all terms and conditions contained herein.

Company: CORE AND MAIN

Authorized Signature: [Signature]

Title: OUTSIDE SALES REP

IFB-5493-24-DD "DeZURIK Valves and Hardware"
PRICE BID SCHEDULE: Addendum No. 1

Item	Description	Quantity	Units	Unit Price	Extended Price
1	DeZURIK Valves	11	EA.	\$ <u>9152.00</u>	\$ <u>100,672.00</u>
2	1-1/8" X 4" Bolts w/ Nuts	290	EA.	\$ <u>3.75</u>	\$ <u>1087.50</u>
3	1-1/8" X 4" Studs w/ Nuts	120	EA.	\$ <u>3.05</u>	\$ <u>366.00</u>
4	18" Flange Gaskets	25	EA.	\$ <u>10.75</u>	\$ <u>268.75</u>
Total Extended/Bid Price					\$ <u>102,394.25</u>

Total Extended Bid Amount Written

ONE HUNDRED, TWO THOUSAND, THREE HUNDRED NINETY-FOUR & ²⁵/₁₀₀ Dollars

Warranty (State warranty and provide manufacturer's statement)

SEE ATTACHED

Provide the Manufacturer Specification Information

SEE ATTACHED

Provide Estimated Project Lead Time

16-17 WEEKS AFTER APPROVED SUBMITTAL

By signing below, the Undersigned agree to comply with all terms and conditions contained herein.

Company: CORE AND MAIN

Authorized Signature: [Signature]

Title: OUTSIDE SALES REP

Date: SEPT 5, 2024

MANUFACTURER'S CONDITIONS

These conditions apply to all quotations, orders and contracts for DeZURIK, Inc. ("we," "us" or "our")

1. CONSTRUCTION AND LEGAL EFFECT: Our sale to you (defined as the purchaser of goods from us), is limited to and expressly made conditional on your assent to these typed and printed terms and conditions of sale, the face and reverse side hereof ("These Terms"), all of which form a part of the agreement to sell and which supersede and reject all prior writings (including your order), representations, negotiations with respect hereto and any conflicting terms and conditions of yours, any statement therein to the contrary notwithstanding. The sending of the purchase order for the goods referred to herein, whether or not signed by you, or your acceptance of the goods or payment operates as acceptance by you of These Terms. In case of conflict between These Terms and the terms of your purchase order or acceptance, These Terms govern; any different or conflicting terms submitted by you in any purchase order or acceptance shall be deemed objected to by us and shall be of no effect unless specifically agreed to by us in writing. We will furnish only the quantities and goods specifically listed on the face hereof or the pages attached hereto, or any updates or modifications to the same purchase order. We assume no responsibility for other terms or conditions or for furnishing other equipment or material shown in any plans and/or specifications for a project to which the goods quoted or ordered herein pertain or refer. Our published or quoted terms and conditions are subject to change without notice prior to acceptance of order.

2. PRICES: Unless otherwise noted on the face hereof, quotations are valid for 30 days, prices are net, FCA Incoterms 2020 our factory. Stenographic, clerical, and mathematical errors are subject to correction. Until acceptance of order on These Terms, quoted prices and delivery are subject to change. Thereafter, unless otherwise noted, prices are firm for shipment of goods within 12 months from the relevant quotation date. Our prices are based on current prices for material. We will endeavor to obtain the lowest pricing on materials from our suppliers, but if a significant material price increase occurs between order acceptance and shipment date, goods scheduled to ship beyond 12 months of the quotation date are subject to a price adjustment by the amount necessary to cover such increase.

3. DELIVERY: Dates for the furnishing of services and/or delivery or shipment of goods are approximate only and are subject to change. Quoted lead times are figured from the later of date of acceptance of order on These Terms or from the date of receipt of complete technical data and approved drawings as such may be necessary. We shall not be liable, directly or indirectly, for any delay in or failure to perform caused by carriers or suppliers or delays from labor difficulties, shortages, strikes or stoppages of any sort, failure or delay in obtaining materials, customer requested order changes, fires, floods, storms, accidents, government restrictions, epidemics, pandemics, causes designated acts of God or force majeure by any statute or court of law or other causes beyond our reasonable control.

4. SHORTAGE, DAMAGE, ERRORS IN SHIPMENT: Our responsibility ceases upon delivery to carrier. Risk of loss, injury or destruction of property, shall be borne by you from and after our delivery to carrier, and such loss, injury or destruction shall not release you from the obligation to pay the purchase price. You shall note receipt for goods that are not in accordance with bill of lading or express receipt and you shall make claim against such carrier for any shortage, damage or discrepancy in the shipment per the ICC Code for Freight Claims promptly. You shall inspect and examine all items and goods covered by the order when unpacking crated or boxed goods, and if damage is discovered, leave as is until the carrier's agent makes examination and notation on freight or express bill of concealed damage. We will render reasonable assistance to help trace and recover lost goods and collect just claims as a business courtesy, but without obligation. We do not guarantee safe delivery.

5. TAXES: Our prices do not include sales, use, excise, occupation, processing, transportation or other similar taxes which we may be required to pay or collect with respect to any of the materials covered hereby under existing or future law. Consequently, in addition to the price specified herein, such taxes shall be paid by you, or you shall provide us with a tax exemption certificate acceptable to the appropriate taxing authorities. You shall also assume and pay any import or export duties and taxes, with respect to the materials covered by the order, and shall hold harmless and reimburse us therefrom.

6. CREDIT AND PAYMENT: Unless otherwise noted on the face hereof, payment of goods shall be 100% thirty (30) days net in US dollars. Payment shall be made: (a) in full without set-off, counterclaim, or withholding of any kind; and (b) not contingent on payment from or approval of any third party. Prorated payments shall become due with partial shipments. We reserve the right at any time to suspend credit or to change credit terms provided herein, when, in our sole opinion, your willingness or ability to pay your obligations to us is in doubt. Failure to pay invoices at maturity date, at our election, makes all subsequent invoices immediately due and payable irrespective of terms, and we may withhold all subsequent deliveries until the full account is settled and we shall not, in such event, be liable for non-performance of contract in whole or in part. You agree to pay, without formal notice, 1.5% per month of the amount not paid when due, provided that, if such rate is in excess of applicable governing law, you agree to pay the maximum permitted rate.

7. CANCELLATIONS AND CHANGES: Orders which have been accepted by us are not subject to your cancellation or changes in specifications, except upon our written consent, and we may require, as a condition of such consent, appropriate modification charges and adjustments in price, delivery schedule and other relevant terms, and in the case of cancellation, cancellation charges. In the event we accept your cancellation, you shall be liable for a cancellation charge equal to the higher of (i) 25% of the purchase price of the item(s), or (ii) any loss or cost incurred by us, including, but not limited to, cost of materials, labor, engineering, reconditioning and reasonable overhead.

8. DEFERRED SHIPMENT: If shipment is deferred at your request, payment of the contract price shall become due when you are notified that the equipment is ready for shipment. If you fail to make payment and/or furnish shipping instructions, we may either extend time for so doing or cancel the contract. In case of deferred shipment at your request, storage and other reasonable expenses attributable to such delay shall be payable by you.

9. LIMITED WARRANTY: Products, auxiliaries and parts thereof that we manufacture for a period of twenty-four (24) months from the date of shipment from our factory, are warranted to the original purchaser only against defective workmanship and material, but only if properly stored, installed, operated, and serviced in accordance with our recommendations and instructions. For items proven to be defective within the warranty period, your exclusive remedy under this limited warranty is repair or replacement of the defective item, at our option, FCA Incoterms 2020 our facility with removal, transportation, and installation at your cost. Products or parts manufactured by others but furnished by us are not covered under this limited warranty. We may provide repair or replacement for other's products or parts only to the extent provided in and honored by the original manufacturer's warranty to us, in each case subject to the limitations contained in the original manufacturer's warranty. No claim for transportation, labor, or special or consequential damages or any other loss, cost or damage is being provided in this limited warranty. You shall be solely responsible for determining suitability for use and in no event shall we be liable in this respect. This limited warranty does not warrant that any product or part we manufacture is resistant to corrosion, erosion, abrasion or other sources of failure, nor do we warrant a minimum length of service. Your failure to give written notice to us of any alleged defect under this warranty within twenty (20) days of its discovery, or attempts by someone other than us or our authorized representatives to remedy the alleged defects therein, or failure to return product or parts for repair or replacement as herein provided, or failure to store, install, or operate said products and parts according to the recommendations and instructions furnished by us shall be a waiver by you of all rights under this limited warranty. This limited warranty is voided by any misuse, modification, abuse or alteration of our product or part, accident, fire, flood or other Act of God, or your failure to pay entire contract price when due. The foregoing limited warranty shall be null and void if, after shipment from our factory, the item is modified in any way or a component of another manufacturer, such as but not limited to; an actuator is attached to the item by anyone other than our factory authorized service personnel. All orders accepted shall be deemed accepted subject to this limited warranty, which shall be exclusive of any other or previous warranty, and this shall be the only effective guarantee or warranty binding on us, despite anything to the contrary contained in the purchase order or represented by any agent or employee of ours in writing or otherwise, notwithstanding, including but not limited to implied warranties.

THE FOREGOING REPAIR AND REPLACEMENT LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, OBLIGATIONS AND LIABILITIES, INCLUDING, BUT NOT LIMITED TO, ALL WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY OR OTHERWISE, EXPRESSED OR IMPLIED IN FACT OR BY LAW, AND STATE OUR ENTIRE AND EXCLUSIVE LIABILITY AND YOUR EXCLUSIVE REMEDY FOR ANY CLAIM IN CONNECTION WITH THE

SALE AND FURNISHING OF SERVICES, GOODS OR PARTS, THEIR DESIGN, SUITABILITY FOR USE, INSTALLATION OR OPERATIONS, NEITHER ANY PERFORMANCE OR OTHER CONDUCT, NOR ANY ORAL OR WRITTEN INFORMATION, STATEMENT OR ADVICE PROVIDED BY US OR ANY OF OUR EMPLOYEES OR AGENTS WILL CREATE A WARRANTY, OR IN ANY WAY INCREASE THE SCOPE OR DURATION OF THIS LIMITED WARRANTY.

10. INTELLECTUAL PROPERTY: We shall indemnify and hold you harmless from any amount that you are required to pay to a third-party pursuant to final, non-appealable court order as a result of such third-party's claim that a product sold hereunder infringes any United States patent or copyright of such third party, provided that our obligation of indemnification is contingent upon (a) your notifying us in writing of any such claim within 20 days of receipt thereof, (b) your providing us with exclusive control of the defense and/or settlement thereof, and (c) your cooperating with us in such defense and/or settlement. In the event of such a successful infringement claim by the third party, at our option, we shall either (i) modify the product sold hereunder so that it performs comparable functions without infringement, (ii) obtain a royalty-free license for you to continue using the infringing product or (iii) refund to you the then-depreciated fair market value of the infringing component. We shall have no obligation under this Section to the extent a claim is based upon (a) the combination, operation or use of the product with equipment, products, hardware, software, systems or data that was not provided by us, if such infringement would have been avoided in the absence of such combination, operation or use, or (b) your use of the product in any manner inconsistent with our written materials regarding the use of such product. This Section states our entire liability and your exclusive remedy with respect to any alleged infringement arising from the use of the products sold hereunder or any part thereof and is subject to the other limitations contained in These Terms.

11. LIMITATION OF LIABILITY: IN NO EVENT SHALL WE BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, DAMAGE TO OR LOSS OF OTHER PROPERTY OR EQUIPMENT, BUSINESS INTERRUPTION, COST OF SUBSTITUTE PRODUCTS, LOSS OF TIME, LOSS OF PROFITS OR REVENUE, COST OF CAPITAL, LOSS OF USE, OR DIMINUTION IN VALUE) WHATSOEVER, AND OUR LIABILITY, UNDER NO CIRCUMSTANCES, WILL EXCEED THE CONTRACT PRICE FOR THE GOODS AND/OR SERVICES FOR WHICH LIABILITY IS CLAIMED. ANY ACTION FOR BREACH OF CONTRACT BY YOU, OTHER THAN RIGHTS RESPECTING OUR LIMITED WARRANTY DESCRIBED IN SECTION 9 ABOVE, MUST BE COMMENCED WITHIN 12 MONTHS AFTER THE DATE OF SALE.

12. EXPORT CONTROL COMPLIANCE: You agree and acknowledge that the products are sold in accordance with U.S. export control and sanctions laws, regulations and orders, as they may be amended from time to time. You agree to ascertain and comply with all applicable export and re-export obligations and restrictions, including without limitation, U.S. export and re-export controls under the Export Administration Regulations ("EAR"), International Traffic in Arms Regulations ("ITAR"), and all regulations and orders administered by the U.S. Department of Treasury, Office of Foreign Assets Control (collectively, "U.S. Export Control Laws"). If you are conducting the export from the United States or the re-export from a country outside the United States, you shall comply with such U.S. Export Control Laws and obtain any license or other authorization required to export or re-export the products and related technology. We shall reasonably cooperate and exercise reasonable efforts, at your expense, to support you in obtaining any necessary licenses or authorizations. You shall not export or re-export the products and/or related technology to any country or entity to which such export or re-export is prohibited, including, but not limited to any country or entity under sanction or embargoes administered by the United States. Any diversion contrary to the law of the United States is prohibited. You will not take, and will not solicit us to take, any action that would violate any anti-boycott or any export or import statutes or regulations of the United States or other governmental authorities, and shall defend and indemnify us for any loss or damage arising out of or related to such actions.

13. GENERAL COMPLIANCE WITH LAWS: In addition to your obligations under Section 12 above, you represent and warrant that, in performing your duties under this Agreement, you will comply with, at your sole expense, all applicable laws and regulations of any governmental authority, including, but not limited to your duties involving any required registrations, requirements as to product contents, packaging and labeling, restraint of trade, consumer laws, data privacy, export regulations, and environmental laws. You agree and acknowledge you have had an opportunity to obtain legal advice regarding, and currently comply with, all applicable legal requirements that prohibit unfair, fraudulent or corrupt business practices, including, but not limited to the U.S. Foreign Corrupt Practices Act (FCPA) as well as U.S. and other legal requirements that are designed to combat terrorism and terrorist activities. In addition, neither you nor any of your equity interest owners, officers or directors are named as a "specially designated national" or "blocked person" as designated by the United States Department of the Treasury's Office of Foreign Assets Control under the U.S. PATRIOT Act.

14. INDEMNIFICATION BY YOU: You will indemnify, defend and hold us and our corporate parents and their affiliates and their respective officers, directors, stockholders, members, insurers, attorneys, employees, agents, successors, predecessors, assigns, heirs and personal representatives harmless against any and all liability, claims, suits, actions, losses, liabilities, damages, costs and legal fees arising out of or related to: (i) any conduct of you or any related party as described in Sections 12 or 13 above; or (ii) your breach of any other provision herein.

15. PROPRIETARY INFORMATION: All specifications, drawings, data, manuals, designs, information, ideas, methods, patterns and inventions made, conceived, developed or generated by us incident to the procurement or performance of this order ("Work Product") will vest in, inure to and be the sole property of us. You will not copy, publish or otherwise disclose, in whole or in part, to others such Work Product without the express prior written permission of us. You will not use information furnished hereunder for any purpose other than for operation and maintenance of the goods and services or for any purpose other than as explicitly intended by us. The rights and obligations in this Section 15 will survive termination or expiration of this order.

16. ARBITRATION: Any controversy or claim arising out of or relating to this Agreement or the breach thereof shall be settled by arbitration administered by the American Arbitration Association in accordance with its Commercial Arbitration Rules, and judgment on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof. The venue for such proceedings shall be St. Cloud, MN.

17. TEXAS WAIVER OF CONSUMER RIGHTS: If you are entitled to its protection, you hereby agree to waive your rights under the Deceptive Trade Practices-Consumer Protection Act, Section 17.41 et seq., Business & Commerce Code, a law that gives consumers special rights and protections. You warrant that, after consultation with an attorney of your own selection, you voluntarily consent to this waiver.

18. APPLICABLE LAW: The rights and duties of the parties shall be governed by the laws and exclusive jurisdiction of the State of Minnesota without regard to the conflict of law principles thereof. You agree the United Nations Convention on Contracts for the International Sale of Goods or any subsequently enacted treaty or convention shall not apply to These Terms.

19. NO OTHER CONTRACT PROVISIONS; OTHER: These Terms reflect the entire agreement with respect to the products. Terms and conditions of your order shall be without force and effect, except to the extent identical herewith. No dealer, broker, branch manager, agent, employee or representative of ours has any power of authority except to take orders for our products and to submit the same to us, at our factory, for our approval and acceptance on the terms herein or rejection. There are no representations, agreements, obligations, or conditions, expressed or implied, statutory or otherwise, relating to the subject matter hereof, other than herein contained. DeZURIK, Inc. and related terms (we, us and our) shall refer to DeZURIK, Inc. and its affiliates. If any provision hereof is invalid or not enforceable under applicable law, the remaining provisions shall remain in full force and effect. Any assignment of your rights hereunder without our consent (which shall not be unreasonably withheld) shall be void. These Terms shall be binding on your successors and assigns. Our failure to require your performance of any of These Terms shall not serve as a waiver of or diminish our rights to require strict performance of such provision or These Terms.



TABLE OF CONTENTS

A Data Sheet is included for each line item on the purchase order.
Document numbers are listed at the bottom of the Data Sheet.
Any one drawing may apply to more than one item number.
All documents are assembled in alpha/numeric order within each section.

Data Sheets

Installation Drawing

Materials Of Construction

Cross Section Drawings

Recommended Long & Short Term Storage Procedures



Submittal Data Sheet
Date: August 20, 2024

Municipal Treatment Equipment LLC
17301 W Colfax Ave
Bldg #300
Golden CO 80401
United States

P.O.
FACTORY QUOTE QUO125296
PROJ. NAME GRAND JUNCTION PEC

LINE #	Cust LINE #	QTY	PART NO.	DESCRIPTION
1		11	9735295	PEC,18,F1,CI,NBR,CR,S30SC0*GS-12-HD16

Style	PEC	Eccentric Plug Valve, Rectangular Port (AWWA C517) (PEC)
Size	18	18 Inch (450mm); SST Bearings; Welded-in Nickel Seat (Except Rubber Lined or Stainless Steel Bodies)
End Connection	F1	Flanged Drilling; ASME Class 125/150
Body Material	CI	Cast Iron
Packing	NBR	.5" - 3" Acrylonitrile-Butadiene Reinforced filler in a PTFE U-ring, -20 to 180° F. (-29 to 83° C.); 4" & Larger Acrylonitrile-Butadiene Reinforced V-type, -20 to 250° F. (-29 to 121° C.)
Plug Facing	CR	Chloroprene; -20 to 180° F. (-29 to 83° C.)
Coating	S30SC0	Interior: 8 mils minimum of Blue DeZURIK Epoxy with Standard (SP10). Exterior: 8 mils minimum of Blue DeZURIK Epoxy with Standard (SP10) surface prep
Actuator	GS-12-HD16	G-Series Handwheel; 16 In Dia

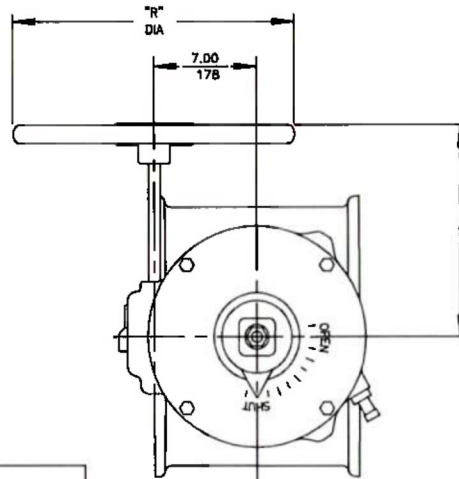
Valve Weight (Approx)	1183 lbs/ 537 kgs
Temperature Range	-20 to 180 Degrees F.
Valve Pressure	to 150 psig

RELATED DOCUMENTS

A46453: DWG INST PEC F GR1 GS-12-HD 8-20"
A20730: DWG VALVE FLG 0350-20IN
A22553: DWG ACT G6/G12 MAN

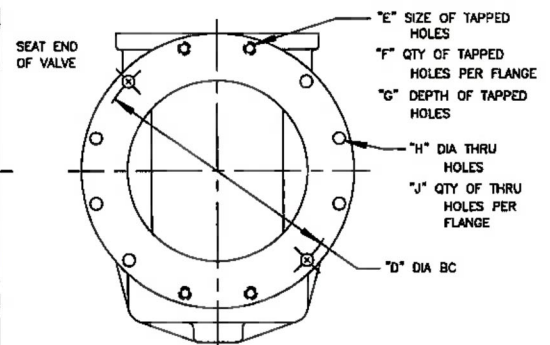
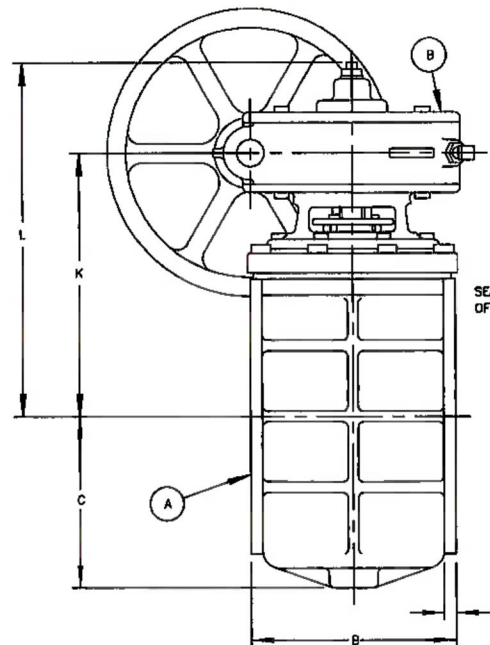
VALVE SIZE		DIMENSIONS INCHES MILLIMETERS										
INCH	MM	A	B	C	D	E	F	G	H	J	K	L
8	200	.81 21	11.50 292	8.25 210	11.75 298	3/4-10UNC	4	.81 21	.88 22	4	14.25 362	20.63 524
10	250	.88 22	13.00 330	10.28 261	14.25 362	7/8 - 9 UNC	4	.88 22	1.00 25	B	15.74 400	22.12 562
12	300	.94 24	14.00 356	11.69 297	17.00 432	7/8 - 9 UNC	4	.94 24	1.00 25	8	17.75 451	24.13 613
14	350	1.00 25	17.00 432	12.94 329	18.75 476	1 - 8 UNC	4	1.00 25	1.12 28	8	18.74 476	25.12 638
16	400	1.06 27	17.75 451	14.31 363	21.25 540	1 - 8 UNC	4	1.06 27	1.12 28	12	20.24 514	26.62 676
18	450	1.12 28	21.50 546	15.69 399	22.75 578	1 1/8-7 UNC	4	1.12 28	1.25 32	12	21.12 536	27.50 699
20	500	1.19 30	23.50 597	17.19 437	25.00 635	1 1/8-7 UNC	8	1.25 32	1.25 32	12	23.00 584	29.38 746

VALVE SIZE	ACTUATOR NUMBER	DIMENSIONS IN MM	
		R	S
8-20	GS-12-HD12	12.00 305	17.88 454
8-20	GS-12-HD16	16.00 406	18.25 464
10-20	GS-12-HD20	20.00 508	18.25 464
10-20	GS-12-HD24	24.00 610	22.25 565



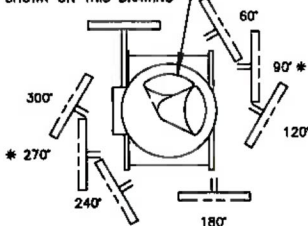
NOTICE

THIS DRAWING DOES NOT SHOW ACTUATOR ACCESSORIES. IF ACCESSORIES ARE REQUIRED, REFER TO THE APPROPRIATE ACCESSORY INSTALLATION DRAWING FOR DIMENSIONS AND OTHER RELATED INFORMATION.



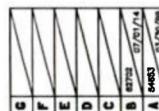
PLUG IN OPEN POSITION.
SEE INSTALLATION NOTE.

STANDARD POSITION
SHOWN ON THIS DRAWING



ACTUATOR MOUNTING POSITIONS AS VIEWED
FROM TOP OF VALVE. DOTTED LINES SHOW
OPTIONAL MOUNTING POSITIONS.

* THE 90° AND 270° POSITIONS REQUIRE
DIFFERENT INTERNAL GEARING.
THESE POSITIONS MUST BE NOTED ON
THE PURCHASE ORDER.



DeZURIK
Sartell, MN USA 56377
www.dezurik.com

PEC ECCENTRIC VALVES SIZE 8-20 FLANGED MATERIAL GROUP 1
GS-12-HD_ HANDWHEEL ACT'D

DOCT. CODE	DRAWN	BMP	APPROVED	TPK
C1	CHECKED	TPK	DATE	02/08/99

A46453

A	VALVE
B	ACTUATOR

NOTE:

- FLANGES ARE FLAT FACED WITH DIAMETER AND DRILLING TO CLASS 125 ANSI STANDARD B16.1, EXCEPT FOR TAPPED HOLES AS INDICATED. SEE A-1636B FOR NON-ANSI FLANGE DATA.
- 19 TURNS OF HANDWHEEL ARE REQUIRED TO OPEN VALVE.
- 90°, 120°, 270° & 300° POSITIONS NOT AVAILABLE ON 14", 16" & 18" VALVES WITH 24" HANDWHEEL.
- INSTALLATION NOTE:

- FOR LIQUIDS & GASES:
INSTALL VALVE WITH HIGHER PRESSURE AGAINST END OPPOSITE SEAT.
- FOR SUSPENDED SOLIDS, SLURRIES, ETC:
INSTALL VALVE WITH HIGHER PRESSURE AGAINST SEAT END. IN HORIZONTAL PIPELINES, VALVE SHOULD BE INSTALLED ON IT'S SIDE SO PLUG ROTATES TO THE TOP OF THE PIPELINE WHEN OPEN. (SEE DIAGRAM BELOW).



Materials Of Construction

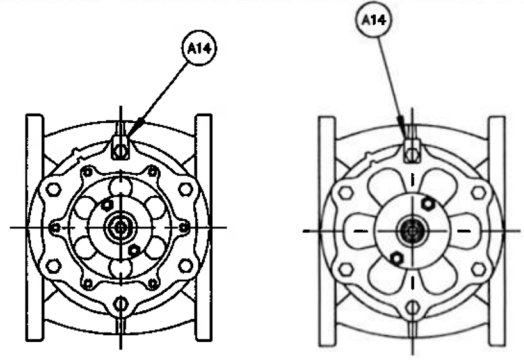
DRAWING(S): A20730(A00), A22553(B00)

QUOTE: QUO125296

DESCRIPTION: PEC,18,F1,CI,NBR,CR,S30SC0*GS-12-HD16

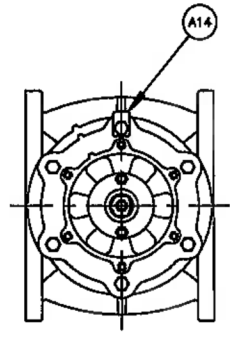
ITEM	MATERIAL
A01	IRON, ASTM A126, CLASS B
A02	STAINLESS STEEL, TYPE 316L, SINTERED
A03	IRON, ASTM A126, CLASS B
A03	CHLOROPRENE (CR)
A04	PTFE, TYPE II, ASTM D3294 OR D3308, GRADE 1
A05	GASKET, NON-ASBESTOS COMPRESSED SHEET GASKET MATERIAL
A06	IRON, ASTM A126, CLASS B
A07	STAINLESS STEEL, TYPE CF-8M, ASTM A743
A08	CARBON STEEL, ZINC PLATED
A09	ACRYLONITRILE-BUTADIENE (NBR)
A09	ACRYLONITRILE-BUTADIENE (NBR)
A09	ACRYLONITRILE-BUTADIENE (NBR)
A09	ACRYLONITRILE-BUTADIENE (NBR)
A11	IRON, ASTM A126, CLASS B
A12	CARBON STEEL, ZINC PLATED
A13	CARBON STEEL, ZINC PLATED
A14	STAINLESS STEEL, SERIES 300
A18	PTFE, TYPE II, ASTM D3294 OR D3308, GRADE 1
B00	DUCTILE IRON, ASTM A536, GRADE 80-55-06
B01	CARBON STEEL, ZINC PLATED
B02	IRON, ASTM A126, CLASS B
B03	SEAL, STEEL CASE WITH ACRYLONITRILE-BUTADIENE (NBR) LIP

B03	SEAL, STEEL CASE WITH ACRYLONITRILE-BUTADIENE (NBR) LIP
B05	OIL IMPREGNATED BRONZE
B05	OIL IMPREGNATED BRONZE
B07	CARBON STEEL, ZINC PLATED
B08	DUCTILE IRON, ASTM A536, GRADE 80-55-06
B09	GASKET, NON-ASBESTOS COMPRESSED SHEET GASKET MATERIAL
B11	OIL IMPREGNATED BRONZE
B12	IRON, ASTM A126, CLASS B
B13	1141 STEEL, EN8 OR EN9 OR APPROVED EQUAL
B14	CARBON STEEL, ZINC PLATED
B15	STEEL
B16	OIL IMPREGNATED BRONZE
B17	SEAL, STEEL CASE WITH ACRYLONITRILE-BUTADIENE (NBR) LIP
B18	CARBON STEEL, ASTM A108, GRADE 12L14
B19	STAINLESS STEEL, TYPE 302
B20	IRON, ASTM A126, CLASS B
B21	STEEL
B22	CARBON STEEL, ZINC PLATED
B23	GRAPHITE
B24	CARBON STEEL, ZINC PLATED
B25	CARBON STEEL, ZINC PLATED
B29	IRON, ASTM A126, CLASS B
B30	CARBON STEEL, ZINC PLATED
B31	CARBON STEEL, ZINC PLATED
B33	IRON, ASTM A126, CLASS B
B35	CARBON STEEL, ZINC PLATED
B36	CARBON STEEL, ZINC PLATED
B37	STAINLESS STEEL, TYPE 316
B38	STAINLESS STEEL, TYPE 18-8

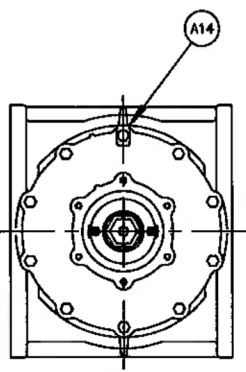


6.5 & 8 VALVES

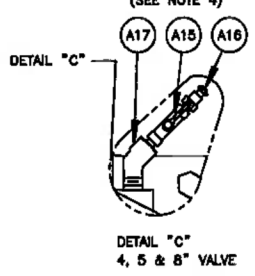
8.5 - 10 VALVES
(SEE NOTE 4)



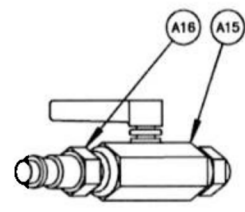
10.5 - 18 VALVES



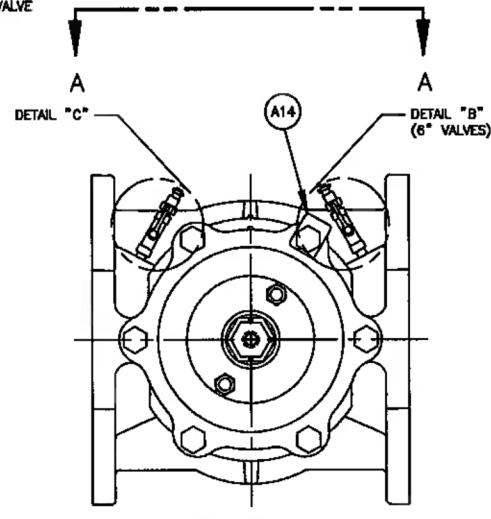
18.5 & 20 VALVES



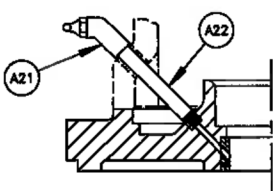
DETAIL "C"
4, 5 & 8" VALVE



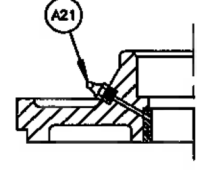
ENLARGED VIEW
DETAIL "B"



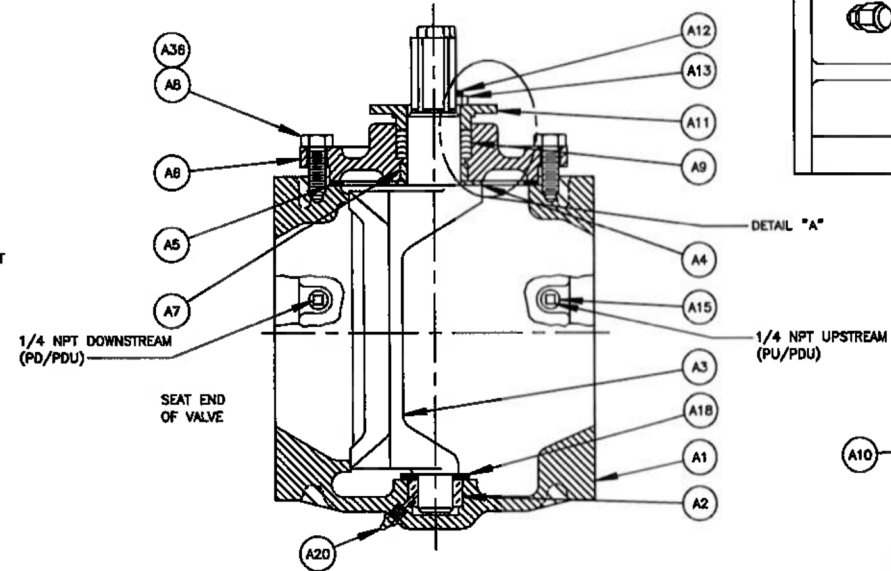
3.5 - 6 VALVES
(SEE NOTE 4) PETCOCKS AND
QUICK DISCONNECTS



GREASE FITTING IN BONNET,
ALL ACTUATORS EXCEPT LV & NT



GREASE FITTING IN BONNET,
LV & NT ACTUATORS

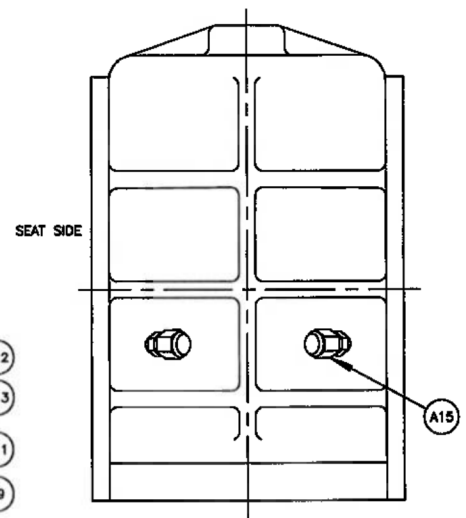


DETAIL "A"

1/4 NPT UPSTREAM
(PU/PDU)

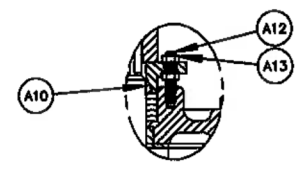
SEAT END
OF VALVE

1/4 NPT DOWNSTREAM
(PD/PDU)



SEAT SIDE

VIEW A-A
TIRE FITTING



DETAIL "A"
3.5 - 8 NT CONSTRUCTION

NOTE:

1. REPLACEABLE WEAR PARTS ARE ITEMS NUMBER A3, PLUG(IF RUBBER FACED), A4, A5 AND A8.
2. WHEN ORDERING PARTS, INCLUDE VALVE SIZE AND PART NUMBER FROM DATA PLATE. ALSO INCLUDE THIS DRAWING NUMBER WITH PART NAME, NUMBER AND QUANTITY.
3. CLOCKWISE ROTATION OF PLUG STEM CLOSSES VALVE.
4. ON THE SIZE 3.5, 4, 4.5, 5, 6, 8.5, & 10 VALVES BONNET SCREWS ARE USED FOR MOUNTING ACTUATOR.
5. VALVE MAY BE FURNISHED WITH EITHER THE UPPER JOURNAL GREASE FITTING, THE LOWER JOURNAL GREASE FITTING OR BOTH.

NO	PART NAME	QTY
A1	BODY	1
A2	BEARING (3.5 - 8 VALVES)	1
A2	BEARING (8.5 - 18 VALVES)	2
A2	BEARING (18.5 & 20 VALVES)	1
A3	PLUG	1
A4	GRIT EXCLUDER	1
A5	GASKET (BODY)	1
A6	BONNET	1
A7	BEARING	1
A8	SCREW (3.5 - 18 VALVES)	6
A8	SCREW (18.5 & 20 VALVES)	10
A9	PACKING	-
A10	CONE, 3.5 - 8 NT (EXCEPT LOW FRICTION CAT. CHAR. NBRL & SQ. PACKING)	1
A11	GLAND	1
A12	STUD (3.5 - 20 GS--HD_ & GS--CW_)	2
A12	STUD (3.5 - 20 GS--C_)	2
A12	STUD (8.5 - 12 MNA)	NOT REQD
A12	STUD (8.5 - 12 LV)	NOT REQD
A12	STUD (3.5 - 20 GS--ML_)	2
A12	STUD (3.5 - 8 NT)	2
A13	NUT (3.5 - 20 GS--HD_ & GS--CW_)	2
A13	NUT (3.5 - 20 GS--C_)	2
A13	NUT (8.5 - 12 MNA)	NOT REQD
A13	NUT (8.5 - 12 LV)	NOT REQD
A13	NUT (3.5 - 12 GS--ML_)	2
A13	NUT (3.5 - 8 NT)	4
A14	CAUTION TAG	1
A15	PIPE PLUG (PU, PD OR PDU)	-
A15	TIRE FITTING (BV1)	2
A15	MANUAL VALVE (BV2)	2
A16	ADAPTOR (BV2)	2
A17	STREET ELBOW 45 DEG (4.5 & 8 VALVE) (BV2)	2
A18	GRIT EXCLUDER	-
A20	GREASE FITTING (OPTION GR ONLY)	1
A21	GREASE FITTING (OPTION GR ONLY)	1
A22	NIPPLE (EXCEPT LV & NT) (OPTION GR ONLY)	1
A36	WASHER (FUSION COATING)(3.5-18 VALVES)	6
A36	WASHER (FUSION COATING)(18.5-20 VALVES)	10

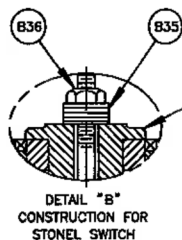
V	71380	06/28/22	U	70643	05/26/22	T	70338	11/26/18	S	63480	08/29/17	R	62289	04/26/13	Q	61648	07/22/11	P	61113	06/11/08	O	61020	04/03/08	N	60771	11/22/05	M	60395	05/11/05	L	59453	05/26/04	K	58420	02/11/04	J	57838	06/03/03	I	57313	03/23/03	H	56312	03/03/03	G	55112	03/06/01	F	54278	01/22/00	E	54075	08/22/99
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DeZURIK
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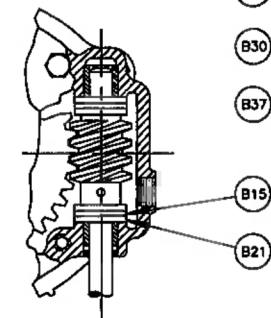
PEC ECCENTRIC VALVE ASSEMBLY
3.5 - 20, FLANGED, EXCEPT BODY MATERIAL CIS, DIS & CIH

DOCT. CODE	DRN	APPROVED	RJP
C1	CHECKED	DATE	10-13-83

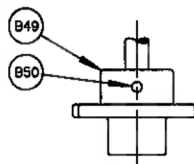
A20730



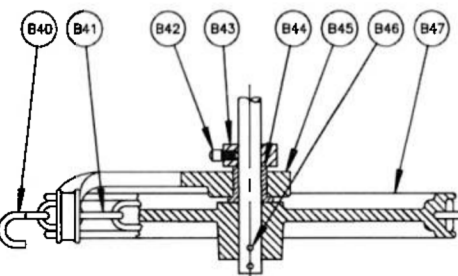
SEE NOTE 4



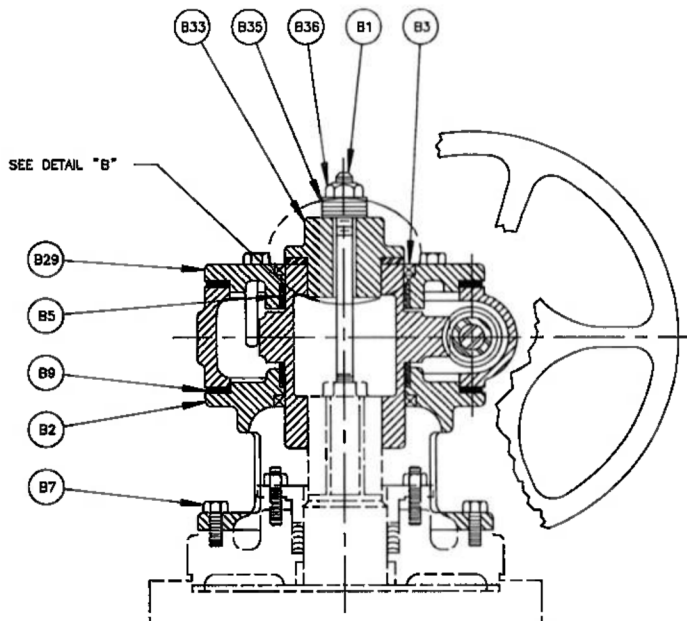
DETAIL A
GS-12 CONSTRUCTION



GS--N WRENCHING SQUARE



GS-6-CW
CHAINWHEEL ACTUATOR



SEE DETAIL "B"

NO	PART NAME	QTY
B1	STUD	1
B2	ADAPTOR	1
B3	SEAL (GEAR SECTOR)	2
B4		
B5	BEARING	2
B6		
B7	SCREW 3.5, 4, 4.5, 5, 6, 8.5 & 10 VALVES SEE NOTE 3	NOT REQD
B7	SCREW 6.5, 8, 10.5, 12, 12.5, 14, 14.5, 16, 16.5, 18, 18.5 & 20 VALVES	6
B8	GEAR SECTOR	1
B9	GASKET (HOUSING)	2
B10		
B11	BEARING	1
B12	HOUSING	1
B13	WORM	1
B14	PIN	1
B15	THRUST BEARING (GS-6)	1
B15	THRUST BEARING (GS-12)	2
B16	BEARING	1
B17	SEAL (HOUSING)	1
B18	DRIVE SHAFT	1
B19	PIN	1
B20	HANDWHEEL	1
B21	BEARING RACE (GS-6)	2
B21	BEARING RACE (GS-12)	4
B22	PIPE PLUG	1
B23	SEAL (HOUSING)	
B24	JAM NUT	1
B25	SET SCREW	1
B26		
B27		
B28		
B29	COVER	1
B30	SCREW	8
B31	POINTER	1
B32		
B33	WRENCHING SQUARE (SEE NOTE 4)	1
B34		
B35	SPRING WASHER	5
B36	LOCK NUT	1
B37	DATA PLATE	1
B38	DRIVE SCREW	2
B39		
B40	CLOSING LINK	1
B41	CHAIN	-
B42	SET SCREW (SB16 OPTION ONLY)	1
B43	COLLAR & SET SCREW (CHAINWHEEL)	1
B44	BEARING	1
B45	CHAIN GUIDE	1
B46	PIN	2
B47	CHAINWHEEL (GS-6)	1
B48		
B49	WRENCHING SQUARE	1
B50	PIN	1
B51		
B52		
B53	OPEN TAG (24" HANDWHEELS ONLY)	1
B54	DRIVE SCREW (24" HANDWHEELS ONLY)	2

NOTE:

1. RECOMMENDED SPARE PARTS ARE ITEMS NUMBER B3, B9 & B17.
2. WHEN ORDERING PARTS, SPECIFY VALVE SIZE AND MODEL NUMBER FROM DATA PLATE, ALSO GIVE DRAWING NUMBER WITH PART NAME ITEM NUMBER AND QUANTITY.
3. ITEM NUMBER B7 IS NOT REQUIRED ON THE 3.5, 4, 4.5, 5, 6, 8.5 & 10 VALVES USE BONNET SCREWS ON BODY ASSEMBLY TO MOUNT ACTUATOR TO VALVE.
4. WHEN STONEL SWITCH IS USED, ITEM B33, WRENCHING SQUARE IS REPLACED BY A STUD SUPPORT.

M	11/15/80	08/01/21
L	01/08/81	07/13/81
K	03/26/81	03/24/81
J	06/07/81	05/25/81
H	04/20/81	04/20/81
F	03/04/81	02/23/81
E	02/03/81	01/27/81
D	01/07/81	01/07/81
C	12/09/80	01/07/81
B	11/11/80	01/07/81
A	11/11/80	01/07/81

DeZURIK
Sartell, MN USA 56377
www.dezurik.com

GS-6 WITH HANDWHEEL, CHAINWHEEL AND NUT ACTUATORS OR
GS-12 WITH HANDWHEEL AND NUT
FOR USE WITH ECCENTRIC VALVES

DOCT. CODE	APPROVED	BOOS
C1	RJA	10-30-81
CHECKED	RJP	

A22553

RECOMMENDED SHORT & LONG TERM STORAGE PROCEDURES

SHORT TERM STORAGE (LESS THAN 6 MONTHS)

1. All valves shall be stored in the position in which they were shipped. Do not stack (or store) items on top of the rubber components.
2. Valves shall be protected from dirt, debris, excessive moisture and UV exposure. Store at temperatures ranging from 35°F to 95°F (2°C to 35°C) with humidity levels not exceeding 50%.

LONG TERM STORAGE (6 MONTHS +)

1. All valves shall be stored in the position in which they were shipped. Do not stack (or store) items on top of the rubber components.
2. Valves shall be stored fully enclosed in a crate or on a skid. It is acceptable to store the valves uncrated but protected from any dirt, debris or UV exposure as long as the environmental conditions as described in item 3 are met. Any desiccant packages received with the original shipment should be replaced before putting valves into long term storage. Please follow your desiccant manufacturer's recommended usage of any desiccant based on the volume of the enclosed area.
3. Valves shall be stored in a well ventilated, clean, dry indoor facility on skids or raised racks with temperatures ranging from 35°F to 95°F (2°C to 35°C) with humidity levels not exceeding 50%. Rubber components shall be stored within temperature range 59°F to 77°F (15°C to 25°C)
4. If the above conditions cannot be met, valves shall be separately packaged inside sealed heavy duty plastic sheeting and a weather resistant enclosure, or a standard crate lined with moisture proof paper, to protect the valves from dirt, debris and UV exposure. Desiccant packages shall be used to control moisture both inside the enclosure and the sealed heavy duty plastic covering. Please follow your desiccant manufacturer's recommended usage of any desiccant based on the volume of the enclosed area.
5. Do not store valves next to operating electric motors or equipment which may emit ozone, which can cause deterioration of valve elastomers. Store in an environment with less than 0.1 ppm concentration, at least 25 feet from ozone emitting devices, with ventilation.
6. Valves with cylinder actuators and control valves which are stored for extended periods may be subject to cylinder blow-by caused by permanent distortion of any of the seals. Valves should be operated prior to installation and damaged seals replaced. If possible, it is recommended that cylinders be cycled every 4-6 months to maintain seals.
7. Valves with electric motor operators shall be stored in accordance with the individual motor manufacturer's recommended long term storage procedures.
8. All electrical components shall be visually inspected prior to valve installation.

SHELF LIFE (RUBBER COMPONENTS)

For rubber components or elastomers stored for longer than the time shown below contact the manufacturer to coordinate a visual inspection.

- Three (3) years for Natural (Pure Gum) Rubber and Styrene-Butadiene (SBR) components.
- Five (5) years for Chloroprene (Neoprene), Acrylonitrile-Butadiene (Nitrile, Buna-N), Chlorosulfonated Polyethylene (Hypalon), Chloro-Isobutylene-Isoprene (Chlorobutyl), EPDM, and Fluoroelastomer components.