

RESOLUTION

No. 25 - 062

Date of Adoption FEB 18 2025

Approved as to Form and Legality

Factual content certified by


WESLEY BRIDGES, ESQ., DIRECTOR OF LAW


SEAN SEMPLE, DIRECTOR OF WATER AND SEWER

Councilman /woman _____ presents the following Resolution:

SPONSORED BY: _____

RESOLUTION ACCEPTING A BID AND AWARDING A CONTRACT TO SHERWOOD LOGAN & ASSOCIATES, TO SUPPLY DEZURIK VALVES AND SUPPLIES FOR THE DEPARTMENT OF WATER AND SEWER, TRENTON WATER FILTRATION PLANT IN AN AMOUNT NOT TO EXCEED \$235,762.00 FOR A PERIOD OF ONE (1) YEAR FROM DATE OF AWARD – BID2024-72

WHEREAS, one (1) sealed bid was received in the Division of Purchasing on December 10, 2024, at 11:00 am, by the Purchasing Agent to Supply DeZurik Valves and Supplies; for the City of Trenton, Department of Water and Sewer, Water Filtration Plant for a period of one (1) year from date of award; and

WHEREAS, a Superpulsator is a critical component within the Water Filtration Plant designed to efficiently treat flocculated water. This clarifier allows the flocculated water to flow upward through a sludge blanket. The sludge that accumulates is then processed through the Mechanical Dewatering Facility (MDF). The Water Filtration Plant is equipped with four (4) Superpulsators, each Superpulsator includes a vacuum vent valve and seven (7) blowdown valves, all of which are manufactured by DeZurik. By utilizing high-quality components like those manufactured by DeZurik, the Water Filtration Plant can maintain the integrity of its treatment processes, optimize sludge management, and provide a reliable and sustainable solution for water purification.

WHEREAS, the sole bid of Sherwood Logan & Associates, 2140 Renard Court, Annapolis, Maryland 21401 is made pursuant to advertisement, be and is hereby accepted, as the lowest, responsible, responsive bidder complying with terms and specifications on file in the Division of Purchasing; and

WHEREAS, funds in an amount not to exceed \$235,762.00 have been certified to be available in the following account number: 5-05 - -55-5506-813-006 (See attached breakdown of items) contingent upon the temporary and final adoption of the CY'2025 budget. This contract shall be awarded for a period of (1) year from the date of award.

NOW, THEREFORE BE IT RESOLVED, by the City Council of the City of Trenton that the Mayor is hereby authorized to execute a contract with Sherwood Logan & Associates, 2140 Renard Court, Annapolis, Maryland 21401 to Supply DeZurik Valves and Supplies in an amount not to exceed \$235,762.00 for a period of one (1) year from the date of award for the City of Trenton, Department of Water and Sewer, Water Filtration Plant; for the said purposes in the manner prescribed by law.

MOTION: Feliciano					SECOND: Frisby									
	Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent		Aye	Nay	Abstain	Absent
EDWARDS	✓				FRISBY	✓				GONZALEZ	✓			
FELCIANO	✓				HARRISON				✓					
FIGUEROA	✓				WILLIAMS	✓								
KETTENBURG	✓													

This Resolution was adopted at a Meeting of the City Council of the City of Trenton on

FEB 18 2025

Yasmany Moralez
President of Council

[Signature]
City Clerk

AGREEMENT
CITY OF TRENTON, NEW JERSEY

BID2024-72

RES. NO. 25-062

AWARDED TO

**SHERWOOD LOGAN & ASSOCIATES, TO SUPPLY DEZURIK VALVES AND SUPPLIES FOR
THE DEPARTMENT OF WATER AND SEWER, TRENTON WATER FILTRATION PLANT**

This Agreement, entered into this 18TH Day of FEBRUARY 2025 between the City of Trenton, a municipal corporation of the State of New Jersey, 'CITY' **319 EAST STATE STREET, TRENTON, NEW JERSEY 08608** and **SHERWOOD LOGAN & ASSOCIATES, 2140 RENARD COURT, ANNAPOLIS, MARYLAND 21401** (Contractor"), witnesseth that:

WHEREAS, Contractor has bid, proposed or offered to furnish and deliver to the City the materials, supplies and/or goods to perform the services **IN AN AMOUNT NOT TO EXCEED \$235,762.00 FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF THE AWARD;**

FIRST, A. Contractor, under the penalty expressed in the bond hereinafter mentioned, will furnish, supply and deliver to the City of Trenton the following materials, supplies or services as authorized by:

**RESOLUTION ACCEPTING A BID AND AWARDING A CONTRACT TO SHERWOOD LOGAN &
ASSOCIATES, TO SUPPLY DEZURIK VALVES AND SUPPLIES FOR THE DEPARTMENT OF WATER
AND SEWER, TRENTON WATER FILTRATION PLANT IN AN AMOUNT NOT TO EXCEED
\$235,762.00 FOR A PERIOD OF ONE (1) YEAR FROM DATE OF AWARD – BID2024-72**

B. The contract shall be submitted with contracts with the following:

UPDATED CERTIFICATE OF INSURANCE WITH SIGNED CONTRACTS

Such performance by Contractor will be in strict accordance with the terms and conditions of the bid specifications, the bid response and the authorizing resolution, which are included above and is incorporated by reference. Additionally, Contractor will furnish good and ample security in a sum equal to the said contract price for the said articles and services.

SECOND. The City of Trenton will pay Contractor the total sum mentioned herein when the appropriate Department Director has executed a certification that the said articles or services have been furnished, delivered, and accepted in full conformity to the aforementioned specifications and offer or proposal.

THIRD. The City of Trenton reserves the right to order a greater or lesser quantity, not to exceed twenty-five percent, of any or all of the articles named in the said offer or proposal than is stated therein, and it is distinctly agreed between the said parties that the price quoted in the offer or proposal of Contractor shall be regarded as a standard of prices, and the total sum mentioned herein as the consideration of this contract shall not be regarded as limiting the right of the City of Trenton to order such greater or lesser quantity.

FOURTH. In the event of the failure of Contractor to deliver to the City of Trenton, such articles or perform such work or labor as described in such quantities as ordered at the time stated for such delivery by the City of Trenton, or in the event that such articles as are delivered or work and labor performed do not meet the specifications or standards, as established by the City of Trenton for such articles or acceptance of such work and labor, then such delivery shall be rejected by telephone or written notice to the Agent or address indicated by the Contractor and by simultaneous and like notice to his surety. Additionally, if Contractor or his surety does not cure the default within the time set by the said Agent on behalf of the City of Trenton, then the said Agent on behalf of the City, shall have the right to procure such services or purchase such articles in their place and stead in the open market as are needed for replacement, and from the best source available in the judgment of the said Agent and to charge the expense of such articles or work performed to Contractor and to deduct the amount thereof from any moneys due or to become due to Contractor by virtue of this agreement. Provided, however, that the surety on the bond of Contractor for the faithful performance of this agreement shall be first

notified of the necessity for such replacement and given the same time allowance for such replacement as is given Contractor.

FIFTH. This contract shall not be amended, assigned or subcontracted without the consent of the City of Trenton in writing (if the total compensation payable thereunder shall thereby exceed \$2,500.00, approval by Resolution of the Governing Body shall be required), and any breach of this convenient shall authorize the City of Trenton, by its said Agent, to declare this contract null and void and to refuse to make any further payments thereunder to Contractor.

SIXTH. In case of any conflict between the provisions of this agreement and of any of the provisions of the specifications, the latter shall govern and control.

Applicable for Public Construction Contracts Only: "Dispute Resolution Procedures (NJSA 40A:11-50). Disputes arising under this contract shall be subject to mediation or non-binding arbitration at the sole discretion of the City of Trenton, before a construction industry mediator or arbitrator or panels thereof. The City of Trenton shall have the right to select a third party to mediate any disputes arising under this agreement and the mediation shall be conducted informally in a manner decided upon by the mediator".

SEVENTH. Contractor hereby agrees to pay all workmen as a minimum the prevailing wages rate in accordance with Chapter 150 of the New Jersey Laws of 1963, Prevailing Wages on Public Contracts and U.S. Department of Labor Wage Rates with the higher rate for any given occupation being the governing rate, and N.J.S.A. 10:2-1 et seq., prohibiting discrimination in employment on public contracts.

EIGHTH. During the performance of this contract, the contractor agrees as follows:

a. CONTRACTOR or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, or sex. CONTRACTOR will take affirmative action to ensure that such applicants are recruited and employed, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, disability, nationality or sex. Such action shall include, but not be limited to the following: employment, up-grading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

b. CONTRACTOR or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation, disability, nationality or sex. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

c. CONTRACTOR or subcontractor where applicable, will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of CONTRACTOR's commitments under this act and shall post copies of the notice in conspicuous places available to employees and applicants for employment. (N.J.S.A. 10:5-33; N.J.A.C. 17:27-3.4)

d. THE CONTRACTOR or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to P.L. 1975, c.127, as amended and supplemented from time to time. (N.J.A.C. 17:27-3.4)

Note: A public works contract for a subcontractor with a total work force of four or fewer employees or for a contractor or subcontractor performing under an existing Federally approved or sanctioned affirmative action program shall contain as mandatory language only paragraphs a, b, and c above, and the contract shall not contain any other mandatory language prescribed by N.J.A.C. 17:27. (N.J.A.C. 17:27-3.4) (c)

e. All bidders and all contractors who are negotiating for a procurement or service contract with the public agency which is not subject to a federally approved or sanctioned affirmative action program are required to submit to the public agency, prior to or at the time the contract is submitted for signing

by the public agency (in accordance with N.J.A.C. 17:27-4.3 promulgated by the Treasurer pursuant to P.L. 1975, c. 127), one of the following three documents:

1. Appropriate evidence that the contractor is operating under an existing federally approved or sanctioned affirmative action program; or
2. A certificate of employee information report approval issued in accordance N.J.A.C. 17:27-4; or
3. An initial employee information report consisting of forms provided by the affirmative action office and completed by the contractor in accordance with N.J.A.C. 17:27-4. (N.J.A.C. 17:27-3.3) (a)

f. CONTRACTOR or subcontractor agrees to attempt in good faith to employ minority and female workers consistent with the applicable county employment goals prescribed by N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time or in accordance with a binding determination of the applicable county employment goals determined by the affirmative action office pursuant to N.J.A.C. 17:27-5.2 promulgated by the Treasurer pursuant to P.L. 1975, c. 127, as amended and supplemented from time to time. (N.J.A.C. 17:27-5.3)(a) (1)

g. CONTRACTOR or subcontractor agrees to inform in writing appropriate recruitment agencies in the area, including employment agencies, placement bureaus, colleges, universities, labor unions, that it does not discriminate on the basis of age, creed, color, national origin, ancestry, marital status or sex, gender identity or expression, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices. (N.J.A.C. 17:27-5.3) (a) (2)

h. CONTRACTOR or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey, and as established by applicable Federal law and applicable Federal court decisions. (N.J.A.C. 17:27-5.3) (a) (3)

i. CONTRACTOR or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, creed, color, national origin, ancestry, marital status, or sex, and conform with the applicable employment goals, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions. (N.J.A.C. 17:27-5.3) (a) (4)

j. CONTRACTOR agrees that in the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no contractor, nor any person acting on behalf of such contractor or subcontractor, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity, or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates. (N.J.S.A. 10:2-1) (a)

k. No contractor, subcontractor, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex. (N.J.S.A. 10:2-1) (b)

l. There may be deducted from the amount payable to the contractor by the contracting public agency, under this contract, a penalty of \$50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract. (N.J.S.A. 10:2-1) (c)

m. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this section of the contract occurring after notice to the contractor from the contracting public agency of any prior violation of this section of the contract. (N.J.S.A. 10:2-1) (d)

n. The parties of this contract do hereby agree that the provisions of N.J.S.A. 10:2-1 through 10:2-4, dealing with discrimination in employment on public contracts, and the rules and regulations promulgated pursuant thereunto, are hereby made a part of this contract and are binding upon them. (N.J.A.C. 13:6-1.1)

o. Contractor and subcontractor agree and guarantee to afford equal opportunity in performance of the contract and, except with respect to affectional or sexual orientation, and gender identity or expression in accordance with an affirmative action program approved by the State Treasurer. (N.J.S.A. 10:5-32 and 10:5-35) (a)

p. The parties of this contract do hereby agree that the provisions of Title II of the Americans with Disabilities Act of 1990, 42 U.S.C. Section 12101 et seq., which prohibits discrimination on the basis of disability by public entities in all services programs and activities provided or made available by public entities, and the rules and regulations promulgated pursuant thereto, are made a part of this contract. The contractor agrees to conduct all activities in compliance with the provisions of Title VI of the Civil Rights Act of 1964, the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, and the U.S. Department of Labor's regulations at 29 CFR Parts 31, 32 and 34.

Contractor shall cooperate with any state or federal reviews aimed at determining compliance with nondiscrimination laws and regulations authorized by State Law and expressly specified herein.

IN WITNESS WHEREOF, the City of Trenton has caused this agreement to be signed by the Mayor of the City of Trenton and its corporate seal to be hereto affixed, attested by the City Clerk, and Contractor has likewise caused this agreement to be executed the day and year first above written.

CITY OF TRENTON

Attest:


Brandon L. Garcia, RMC
Municipal Clerk

3/21/25

Date



W. Reed Gusciora, Esq. Mayor

3-13-25

Date

and

SHERWOOD LOGAN & ASSOCIATES, 2140 RENARD COURT, ANNAPOLIS, MARYLAND 21401

CONTRACTOR SIGNATURE



DATE 3/10/2025

Attest:



Secretary



President

3/10/2025

Date

**Proposal to the City of Trenton Water Works
For the Supply of Dezurik Parts
Calendar Year 2025**

Item	Description	Quantity	Bid Price
1	PEC,4,F1,CI,NBR,CR*GS-6-CW8*CXX034	3	\$ 6,399.00
2	ACC*CN103	38	\$ \$342.00
3	BAW,12,F1,CI,NBRN-NBR,150B,DI-S2*X*Modified Full valve replacement	3	\$ 62,817.00
4	BAW,12,F1,CI,NBRN-NBR,150B,DI-S2*X*Modified Valve & adaptation FUW with original EIM actuator	3	\$ 12,489.00
5	PEC,6,F1,CI,NBR,CR*GS-6-HD8	6	\$ 12,312.00
6	BAW,24,F1,CI,NBRN-NBR,150B,DI-S2*X*Modified Valve and adaptation FUW with original EIM actuator	2	\$ 47,568.00
7	BAW,24,F1,CI,NBRN-NBR,150B,DI-S1*X*Modified Valve and adaptation FUW with original EIM actuator	1	\$ 44,254.00
8	PEC,6,F1,CI,NBR,CR*GS-6-SC8*YXX810	7	\$ 49,581.00
Total			\$ 235,762.00

Kelly Plummer
Respectfully Submitted

Ruby [Signature]
(Signature)

Sherwood-Logan & Associates
(Company)

Person to Contact: Paul Bellezza

Telephone Number: 610-304-7517

Specification to Supply Dezurik Valves and Supplies

LOCATION

Trenton Water Works, NJ State Highway Route 29, Trenton, NJ 08604

GENERAL

The Trenton Water Works (TWW), Trenton Water Filtration Plant is soliciting a bid for Dezurik Valves & Supplies. The contract term shall be for a period of one (1) year from time of award. Trenton Water Works reserves the right to reduce or increase the number(s) or quantities as it deems necessary and shall only pay for the actual products received.

DELIVERIES

ITEMS LISTED IN THE SPECIFICATIONS SHALL ONLY BE PROVIDED ON AN AS NEEDED BASIS.

Supplies shall be delivered Monday through Friday between the hours of 7:30 AM and 3:00 PM. In case of delay of shipment, Trenton Water Works, Trenton Water Plant, Route 29 South, Trenton, NJ 08604, 609-989-3640 shall be notified within 72 hours. The bidder(s) shall be responsible to make the delivery at their expense including sending materials from another bidder(s).

PAYMENT

The vouchers shall be processed by Trenton Water Works upon delivery of products after the bidder(s) submits properly executed payment vouchers.

Any incurred shipping charges shall be included in the total bid price for each item. The City of Trenton shall pay no additional shipping charges.

The City of Trenton shall not pay late fees associated with shipments under this Contract. The supplier agrees not to hold back any orders due to payment processing difficulties. Any orders that are held back shall be grounds for the Trenton Water Works to discontinue the Contract.

Equipment Description

The vendor shall supply the following parts:

- I. PEC, 4, F1, X, NBR, CR*GS-6-CW8*CXX034
Style: PEC – Eccentric Plug Valve, Rectangular Port (AWWA C517) (PEC)
Size – 4 - 4 inch (100mm); Stainless Steel Bearings, Welded-In Nickel Seat; Interior may include Blue Epoxy (NSF Std. 61) up to 8 mils unless otherwise specified.
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 - SB0 – Exterior: 4 mils minimum of Blue DeZURIK Epoxy with Standard (SP10) surface prep

Actuator type – GS-6-CW8 – G-Series Chainwheel; 8 in Dia

Modification – CXX034 – Galvanized Chainwheel and Guide

- II. Chain. 3x lengths FUW line 1
ACC*CN103
Style – ACC – Accessories
Accessory Code: CN103 – Chain Std. Link; Galv. Chwhl Act's; Price per Foot
- III. BAW,12,F1,CI,NBRN-NBR,150B,DI-S2*X*Modified (Full Valve Replacement)
Style – BAW – DeZurik AWWA C504 3-72"; C516 78" and larger Rubber Seated Butterfly Valve (BAW)
Size: 12 – 12 inch (300mm)
End Connection: F1-Flanged Drilling; ASME Class 125/150
Body Material – CI – Cast Iron
Packing - NBRN – Acrylonitrile Butadiene; Self Adjusting; -20 to 180°F (-29 to 82°C)
Seat Material – NBR – Acrylonitrile Butadiene; Temperature -20 to 180°F (-29 to 82°C)
Service Class – 150B – AWWA Class 150B
Disc Material – DI – Ductile Iron with 316 Stainless Steel Edge
Shaft Material – S2 – 316 Stainless Steel
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 – X
Weight (Approx): 250 lbs/114 kgs
Min Valve Temperature: -20 Degrees F
Max Temperature: 180 Degrees F
Additional Modification: EIM Electric Actuator Q4N2-6, 115/1/60, OPEN/CLOSE
- IV. BAW,12,F1,CI,NBRN-NBR,150B,DI-S2*X*Modified (Valve and adaption FUW with original EIM actuator)
Style – BAW – DeZurik AWWA C504 3-72"; C516 78" and larger Rubber Seated Butterfly Valve (BAW)
Size – 12 – 12 inch (300mm)
End Connection – F1 – Flanged Drilling; ASME Class 125/150
Body Material – CI – Cast Iron
Packing – NBRN – Acrylonitrile Butadiene; Self Adjusting; -20 to 180°F (-29 to 82°C)
Service Class -150B – AWWA Class 150B
Disc Material – DI – Ductile Iron with 316 Stainless Steel Edge
Shaft Material – S2 – 316 Stainless Steel
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 – X
Weight (Approx): 250 lbs/114 kgs
Min Valve Temperature: -20 Degrees F
Max Temperature: 180 Degrees F
Additional Modification: New adaptation and machined drive bushing FUW existing EIM Q4N2-6
EMO, P/N 1246254

V. PEC,6,F1,CI,NBR,CR*GS-6-HD8

Style: PEC – Eccentric Plug Valve, Rectangular Port (AWWA C517) (PEC)
Size: 6-6 Inch (150mm); SST Bearings; Welded-in Nckel Seat; Interior may include Blue Epoxy (NSF Std. 61) up to 8 mils unless otherwise specified
End Connection - F1-Flanged Drilling; ASME Class 125/150
Body Material – CI – CastIron
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 DeZurik Epoxy with Standard (SP10) surface prep
Actuator – GS-6-HD8 – G-Series Handwheel; 8 In Dia
Weight (Approx): 168 lbs/77 kgs
Min Valve Temperature: -20 Degrees F
Max Temperature: 180 Degrees F
Max Valve Pressure: 175 psig

VI. BAW,24,F1,CI,NBRN-NBR,150B, DI-S2*X*Modified

Style: BAW – DeZurik AWWA C504 3-72”; C516 78” and larger Rubber Seated Butterfly Valve (BAW)
Size – 24-24 Inch (600mm)
End Connection – F1- Flanged Drilling; ASME Class 125/150
Body Material – CI – Cast Iron
Packing: NBRN – Acrylonitrile Butadiene; Self Adjusting; -20 to 180°F (-29 to 82°C)
Seat Material – NBR – Acrylonitrile Butadiene; Temperature -20 to 180°F (-29 to 82°C)
Service Class – 150B – AWWA Class 150B
Disc Material - DI – Ductile Iron with 316 Stainless Steel Edge
Shaft Material – S2 – 316 Stainless Steel
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 – X
Weight (Approx): 1025 lbs/465 kgs
Min Valve Temperature: -20 Degrees F
Max Temperature: 180 Degrees F
Modification: EXX060 – Actuator Mounted on Totally Enclosed Extension C/L of Valve to Top of Extension = 60IN (5’)

VII. BAW,24,F1,CI,NBRN-NBR,150B,DI-S1*X*Modified

Style – BAW – DeZurik AWWA C504 3-72”; C516 78” and larger Rubber Seated Butterfly Valve (BAW)

Size – 24-24 Inch (600mm)

End Connection - F1-Flanged Drilling; ASME Class 125/150

Body Material – CI – Cast Iron

Packing – NBRN – Acrylonitrile Butadiene; Self Adjusting; -20 to 180°F (-29 to 82°C)

Seat Material – NBR – Acrylonitrile Butadiene; Temperature -20 to 180°F (-29 to 82°C)

Service Class – 150B – AWWA Class 150B

Disc Material – DI – Ductile Iron with 316 Stainless Steel Edge

Shaft Material – S1 – 304 Stainless Steel shaft with 316 stainless steel pin on the 24”-36” (600-900mm) and 304 stainless steel pin on the 42”-144” (1100-3650mm)

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: X

Weight (Approx): 1025 lbs/465 kgs

Min Valve Temperature: -20 Degrees F

Max Temperature: 180 Degrees F

Modification – EXX367 – Actuator Mounted on Totally Enclosed Extension C/L of Valve to Top of Extension = 84IN(7’)

Additional Modification: EIM DCLA-602E Actuator 1/60/115 30sec

VIII. PEC,6,F1,CI,NBR,CR*GS-6-SC8*YXX810

Style – PEC – Eccentric Plug Valve, Rectangular Port (AWWA C517) (PEC)

Size – 6 – 6 Inch (150mm); SST Bearings; Welded-in Nickel Seat; Interior may include Blue Epoxy (NSF Std. 61) up to 8 mils unless otherwise specified

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: SB0 – Exterior; 4 mils minimum of Blue DeZurik Epoxy with Standard (SP10) surface prep

Actuator: GS-6-SC8 – G-Series Cylinder Spring Return; 8 In Dia

Weight (Approx): 220 lbs/100 kgs

Min Valve Temperature: -20 Degrees F

Max Temperature: 180 Degrees F

Max Valve Pressure: 175 psig

Modification: YXX810 – Cylinder Modified to Meet AWWA C540 Spec