



AWARD OF PROCUREMENT CONTRACT

**NOTICE UNDER SECTION (8) OF THE PUBLIC PROCUREMENT ACT NO. 15 OF
2015**

This is to notify that, following the bidding exercise carried out by the Namibia Water Corporation Ltd title **Supply & delivery of Valves for the Critical Pump Stations: Omarassa Booster PS and Oshakati Raw Water Upgrade Projects (Procurement Reference No. G/ONB/NW-013/2022)**, the contract has been awarded to **Valco Pumps and Valves cc**, for a sum of **N\$ 865 810.00 (Exclusive VAT)**.





EXECUTIVE SUMMARY OF BID EVALUATION REPORT

[Issued in terms of section 7(1)(i) of the Public Procurement Act, 2015]

Supply & delivery of Valves for the Critical Pump Stations: Omarassa Booster PS and Oshakati Raw Water Upgrade Projects

Procurement Reference No: G/ONB/NW – 013/2022

**Namibia Water Corporation Ltd.
Private Bag 13389
176 Iscor Street, Aigams Building
Windhoek**

Email: bids@namwater.com.na

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Executive Summary of Bid Evaluation Report

Project Title: Supply & delivery of Valves for the Critical Pump Stations: Omarassa Booster PS and Oshakati Raw Water Upgrade Projects.

Reference number of procurement: G/ONB/NW – 013/2022

1. **Scope of Contract:** Supply & delivery of Valves for the Critical Pump Stations: Omarassa Booster PS and Oshakati Raw Water Upgrade Projects.
2. **Procurement method used:** Open National Bidding (ONB)
3. **Date of Invitation of Bids:** 14 January 2022
4. **Closing date for submission of bids:** 15 February 2022
5. **Date and place of opening of bids:** 15 February 2022, Namibia Water Corporation Ltd, 176 Iscor Street, Aigams Building, Windhoek
6. **Number of bids received by closing date:** 10 bids
7. **Responsiveness of bids:**

Name of Bidder	Pricing at Bid Opening N\$ Excl Vat.	Responsive or not responsive (Yes/ No)	Reasons why bid is not responsive
Namibia Mining & Industrial Solutions cc	589,174.59	No	The Manufacturers Authorization Letter submitted was not signed by the Manufacturer or its representative
Logic Retail cc	591,802.00	No	Copy of the Good Standing Certificate – SSC, Good Standing Certificate Inland Revenue and Affirmative Action Compliance Certificate submitted are not certified
Ecotech (Pty) Ltd.	904,103.00	Yes	
Evale Commercial Services cc	957,522.86	Yes	
Danste Industrial cc	1,110,903.00	No	Copy of the Affirmative Action Compliance Certificate submitted is not certified. The Manufacturers Authorization Letter submitted was not signed by the Manufacturer or its representative
Evokeo Investment cc	1,236,918.88	No	The Manufacturers Authorization Letter submitted was not signed by the Manufacturer or its representative

Haw Retailers cc	1,282,11.59	Yes	
Valco Pumps & Valves cc	1,424,710.00	Yes	
Flo-Tek Pipes and Irrigation Namibia (Pty) Ltd.	1,584,861.00	No	The copy of Affirmative Action Compliance Certificate submitted are not certified
Tukurenu Construction Investment cc	2,394,910.00	No	The Manufacturers Authorization Letter submitted was not signed by the Manufacturer or its representative

8. Technical compliance Evaluation

8.1: Specifications Compliance of Items 1.1 – 1.4 (800NB, 600NB, 400NB and 300NB Wafer-type butterfly valves)

BIDDER	TECHNICAL COMPLIANCE	TECHNICAL SPECIFICATION STIPULATED	TECHNICAL SPECIFICATION DEVIATION
Ecotech (Pty) Ltd.	Yes	1. See attached annexure	2. None
Evale Commercial Services cc	No	1. Valve disks shall be stainless steel 316 (CF8M) or superior. 2. See attached annexure for specifications relating to valve gearbox	1. Valves have ductile cast iron disks. 2. No gearbox supporting literature attached, therefore technical compliance claims cannot be substantiated
Haw Retailers cc	No	1. The valves shall be pressure tested in accordance with EN 12266 or ISO 5208. 2. The valves shall be resilient seated in accordance with <u>EN 593</u> . 3. The valve disks shall be driven by means of a profiled shaft 4. Valve bodies shall be ductile / grey cast iron. 5. Valve disks shall be stainless steel 316 (CF8M) or superior. 6. Valve shafts shall be stainless steel 316, 420, 430F, 431 or duplex. 7. PN10 and PN16 valves shall operate satisfactorily and reliably under a flow velocity of 3m/s and 4m/s respectively. 8. See attached annexure for specifications relating to valve gearbox	1 – 7. Supporting literature substantiating technical compliance claim not submitted 8. No gearbox supporting literature attached, therefore technical compliance claims cannot be substantiated

Valco Pumps & Valves cc	Yes	1. See attached annexure	1. None
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The offers from Evale Commercial Services and Haw Retailers for items 1.1 – 1.4 were disqualified because of technical non-compliance.

8.2: Specifications Compliance of Items 2.1 & 2.2 (150NB and 100NB Double-flanged, bare shaft butterfly valves)

BIDDER	TECHNICAL COMPLIANCE	TECHNICAL SPECIFICATION STIPULATED	TECHNICAL SPECIFICATION DEVIATION
Ecotech (Pty) Ltd.	No	<ol style="list-style-type: none"> Valves shall be internally and externally coated according to EN 14901 or GSK or AS/ZNS 4158 regulations / guidelines. PN10 valves shall operate satisfactorily and reliably under a flow velocity of at least 3m/s. 	1 & 2. Supporting literature substantiating technical compliance claim not submitted.
Evale Commercial Services cc	No	<ol style="list-style-type: none"> The valves shall be NFS or DVGW or WRAS or ACS or KIWA or WaterMark™ Schedule - Level 1 or SVGW certified / approved for drinking water. Valves shall be internally and externally coated according to EN 14901 or GSK or AS/ZNS 4158 regulations / guidelines. Where specified in the pricing schedule, the valves shall have face-to-face dimensions according to EN 558-1, basic series 14 / ISO 5752 series 14. PN10 valves shall operate satisfactorily and reliably under a flow velocity of at least 3m/s. 	<ol style="list-style-type: none"> 2 & 4. Supporting literature substantiating technical compliance claim not submitted Valves have face-to-face dimensions according to EN 558-1, basic series 13 / ISO 5752 series 13
Haw Retailers cc	No	<ol style="list-style-type: none"> The valves shall be NFS or DVGW or WRAS or ACS or KIWA or WaterMark™ Schedule - Level 1 or SVGW certified / approved for drinking water. Valves shall be internally and externally coated according to EN 14901 or GSK or AS/ZNS 4158 regulations / guidelines. All valves shall have gearbox mounting flanges in accordance with EN ISO 5210/1. PN10 valves shall operate satisfactorily and reliably under a flow velocity of at least 3m/s. 	1 – 4. Supporting literature substantiating technical compliance claim not submitted.
Valco Pumps & Valves cc	Yes	1. See attached annexure	1. None

The offers from Ecotec, Evale Commercial Services and Haw Retailers for items 2.1 & 2.2 were disqualified because of technical non-compliance.

8.3: Specifications Compliance for Item 3.1 - 3.5 (400NB, 350NB, 150NB, 100NB and 50NB Double-flanged, resilient seated gate valves)

BIDDER	TECHNICAL COMPLIANCE	TECHNICAL SPECIFICATION STIPULATED	TECHNICAL SPECIFICATION DEVIATION
Ecotech (Pty) Ltd.	No	<ol style="list-style-type: none"> 1. The valves shall be NFS or DVGW or WRAS or ACS or KIWA or WaterMark™ Schedule - Level 1 or SVGW certified / approved for drinking water. 2. Valves shall be internally and externally coated according to EN 14901 or GSK or AS/ZNS 4158 regulations / guidelines. 3. The valves shall be pressure tested in accordance with EN 12266 or ISO 5208 4. The valves shall be resilient seated in accordance with EN 1074 or EN 1171. 	1 – 4. Supporting literature substantiating technical compliance claim not submitted.
Evale Commercial Services cc	No	<ol style="list-style-type: none"> 1. Valves shall be internally and externally coated according to EN 14901 or GSK or AS/ZNS 4158 regulations / guidelines. 2. The valves shall be pressure tested in accordance with EN 12266 or ISO 5208 3. The valves shall be resilient seated in accordance with EN 1074 or EN 1171. 4. Stem nuts shall be of bronze or dezincification resistant brass 	<ol style="list-style-type: none"> 1 – 3. Supporting literature substantiating technical compliance claim not submitted. 4. Stem nuts are zinc plated carbon steel
Haw Retailers cc	No	<ol style="list-style-type: none"> 1. The valves shall be NFS or DVGW or WRAS or ACS or KIWA or WaterMark™ Schedule - Level 1 or SVGW certified / approved for drinking water. 2. Valves shall be internally and externally coated according to EN 14901 or GSK or AS/ZNS 4158 regulations / guidelines. 3. The valves shall be pressure tested in accordance with EN 12266 or ISO 5208 4. The valve flanges shall have raised faces. 5. The valves shall be resilient seated in accordance with EN 1074 or EN 1171. 6. Where specified in the pricing schedule, the valves shall have face-to-face dimensions according to EN 558-1, basic series 14 / ISO 5752 series 14. 	1 – 6. Supporting literature substantiating technical compliance claim not submitted.

Valco Pumps & Valves cc	Yes	1 See attached annexure	1. None
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The offers from Ecotec, Evale Commercial Services and Haw Retailers for items 3.1 - 3.5 were disqualified because of technical non-compliance.

8.4 : Specifications Compliance for Item 4.1 - 4.5 (400NB, 300NB, 250NB, 150NB and 100NB Double-flanged, ball type non-return valves)

BIDDER	TECHNICAL COMPLIANCE	TECHNICAL SPECIFICATION STIPULATED	TECHNICAL SPECIFICATION DEVIATION
Ecotech (Pty) Ltd.	NA	1. No offer submitted	1. No offer submitted
Evale Commercial Services cc	No	1. The valves shall be pressure tested in accordance with EN 12266 or ISO 5208	1. Supporting literature substantiating technical compliance claim not submitted.
Haw Retailers cc	No	1. The valves shall be pressure tested in accordance with EN 12266 or ISO 5208	1. Supporting literature substantiating technical compliance claim not submitted
Valco Pumps & Valves cc	No	1. Polymer seals and O-rings shall be of EPDM or NBR. 2. The valve flanges shall have raised faces 3. The valve ball shall be NBR vulcanized aluminium or ductile cast iron 4. Dimensional drawings of all valves shall be submitted	1. Supporting literature substantiating technical compliance claim not submitted (all sizes) 2 - 4. Supporting literature substantiating technical compliance claim not submitted (250NB - 400NB)

All offers for items 4.1 - 4.5 were disqualified because of technical non-compliance.

8.5: Specifications Compliance for Item 5.1 - 5.4 (300NB, 250NB, 150NB and 100NB Double-flanged, EPDM membrane type non-return valves)

BIDDER	TECHNICAL COMPLIANCE	TECHNICAL SPECIFICATION STIPULATED	TECHNICAL SPECIFICATION DEVIATION
Ecotech (Pty) Ltd.	No	1. No offer submitted	1. No offer submitted
Evale Commercial Services cc	No	1. See attached annexure	1. Supporting literature substantiating technical compliance claim is for a different valve type.
Haw Retailers cc	No	1. See attached annexure	1. Supporting literature substantiating technical compliance claim is for a different valve type.

Valco Pumps & Valves cc	No	1. The pressure drop across the valves shall be no more than 0.5mWh at: 450m ³ /h for 300NB valves 300m ³ /h for 250NB valves 120m ³ /h for 150NB valves 50m ³ /h for 100NB valves	1. The resultant pressure drops across the offered valves at the specified flow rates exceed the 0.5mWh
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All offers for items 5.1 - 5.4 were disqualified because of technical non-compliance.

8.6: Specifications Compliance for Item 6.1 & 6.2 (50NB and 25NB (Effluent Handling Surge Alleviation Air Valves))

BIDDER	TECHNICAL COMPLIANCE	TECHNICAL SPECIFICATION STIPULATED	TECHNICAL SPECIFICATION DEVIATION
Ecotech (Pty) Ltd.	No	1. See attached annexure	1. Supporting literature substantiating technical compliance claim not submitted.
Evale Commercial Services cc	No	1. See attached annexure	1. Supporting literature substantiating technical compliance claim not submitted.
Haw Retailers cc	No	1. A bias mechanism shall keep the anti-shock floats deployed under all air release conditions but shall allow for unrestricted flow around the floats during high rate air intake vacuum break conditions. 2. Purge nozzle and seat retaining ring shall be stainless steel 304 or superior. 3. The purge float shall not be positioned directly below the upper flange orifice in order to prevent unintended deployment during high air release rates.	1 – 3. Supporting literature substantiating technical compliance claim not submitted.
Valco Pumps & Valves cc	Yes	1. See attached annexure	1. None

The offers from Ecotech Pty Ltd., Evale Commercial Services and Haw Retailers for items 6.1 & 6.2 were disqualified because of technical non-compliance.

9. Financial Ranking

9.1: Financial ranking of valid offers for Item 1.1

BIDDER	TOTAL AMOUNT (EXCL. VAT)	PRICE FIXED (YES/NO)	RANK
Valco Pumps & Valves cc	N\$ 194,925.00	Yes	1
Ecotech (Pty) Ltd.	N\$ 202,690.00	Yes	2

9.2: Financial ranking of valid offers for Item 1.2

BIDDER	TOTAL AMOUNT (EXCL. VAT)	PRICE FIXED (YES/NO)	RANK
Valco Pumps & Valves cc	N\$ 284,100.00	Yes	1
Ecotech (Pty) Ltd.	N\$ 295,419.00	Yes	2

9.3: Financial ranking of valid offers for Item 1.3

BIDDER	TOTAL AMOUNT (EXCL. VAT)	PRICE FIXED (YES/NO)	RANK
Valco Pumps & Valves cc	N\$ 40,900.00	Yes	1
Ecotech (Pty) Ltd.	N\$ 42,530.00	Yes	2

9.4: Financial ranking of valid offers for Item 1.4

BIDDER	TOTAL AMOUNT (EXCL. VAT)	PRICE FIXED (YES/NO)	RANK
Valco Pumps & Valves cc	N\$ 158,600.00	Yes	1
Ecotech (Pty) Ltd.	N\$ 164,920.00	Yes	2

9.5: Financial ranking of valid offers for Item 2.1 & 2.2

BIDDER	TOTAL AMOUNT (EXCL. VAT)	PRICE FIXED (YES/NO)	RANK
Valco Pumps & Valves cc	N\$ 34,535.00	Yes	1

9.6: Financial ranking of valid offers for Item 3.1 – 3.5

BIDDER	TOTAL AMOUNT (EXCL. VAT)	PRICE FIXED (YES/NO)	RANK
Valco Pumps & Valves cc	N\$ 97,580.00	Yes	1

9.7: Financial ranking of valid offers for Item 6.1 & 6.2

BIDDER	TOTAL AMOUNT (EXCL. VAT)	PRICE FIXED (YES/NO)	RANK
Valco Pumps & Valves cc	N\$ 55,170.00	Yes	1

10. Least expensive offer according to specifications: **Valco Pumps and Valves cc**
11. Recommendation: The Bid Evaluation Committee therefore recommends that items 1.1 – 1.4, 2.1 & 2.2, 3.1 – 3.5 and 6.1 & 6.2 of the Bid No. **G/ONB/NW-013/2022** be awarded to **Valco Pumps and Valves**.

ANNEXURE 1: TECHNICAL CRITERIA SPECIFIED

<i>ITEMS 1.1 – 1.4: PN10 WAFER-TYPE BUTTERFLY VALVES WITH FIXED/VULCANIZED EPDM LINER</i>
The valves shall incorporate an EPDM liner permanently bonded to the valve body. Valves incorporating loose dovetail liners will not be accepted.
The valves shall be pressure tested in accordance with EN 12266 or ISO 5208.
PN10 valves shall fit between flanges drilled to SANS1123/1000/3. The flanges shall be fitted in the two-hole-top orientation. (EN 1092-2)
Valve bodies 200NB and larger shall incorporate at least four (4) alignment lugs.
The valves shall be resilient seated in accordance with EN 593.
The valves shall have face-to-face dimensions according to EN 558-1, basic series 20 / ISO 5752 series 20.
The valve disks shall be driven by means of a profiled shaft (splines, keyed, square etc.). Valves with pinned disk/shaft connections will not be accepted. Not applicable to 800NB valve.
All valves shall have gearbox mounting flanges in accordance with EN ISO 5210/1.
Valve bodies shall be ductile / grey cast iron.
Valve disks shall be stainless steel 316 (CF8M) or superior.
Valve shafts shall be stainless steel 316, 420, 430F, 431 or duplex.
PN10 and PN16 valves shall operate satisfactorily and reliably under a flow velocity of 3m/s and 4m/s respectively.
Dimensional drawings of all valves shall be submitted.
Only Rotork or Auma gearboxes will be accepted.
Mounting flange shall be in accordance with EN ISO 5211.
The gearbox shall be fitted with mechanical position indicator mounted on the valve stem to show the position of the valve.
Gearboxes shall be sized such that no more than 200Nm torque be required at the hand wheel to open or close the valve at rated differential pressure across the valve.
Gearbox input and output torque rating shall be supplied.
The gearbox enclosure shall have an Ingress Protection rating of IP67 as defined by EN 60529.

ITEMS 2.1 & 2.2: PN10 DOUBLE FLANGED BUTTERFLY VALVES

The valves shall be NFS or DVGW or WRAS or ACS or KIWA or WaterMark™ Schedule - Level 1 or SVGW certified / approved for drinking water.

Valves shall be internally and externally coated according to EN 14901 or GSK or AS/ZNS 4158 regulations / guidelines.

The valves shall be pressure tested in accordance with EN 12266 or ISO 5208.

The valves shall fit between flanges drilled to SANS1123/1000/3. The flanges shall be fitted in the two-hole-top orientation. (EN 1092-2)

The valve flanges shall have raised faces.

The valve disks shall be double eccentric.

The valves shall be resilient seated in accordance with EN 593.

Where specified in the pricing schedule, the valves shall have face-to-face dimensions according to EN 558-1, basic series 14 / ISO 5752 series 14.

All valves shall have gearbox mounting flanges in accordance with EN ISO 5210/1.

Valve bodies shall be ductile cast iron.

Valve disks shall be of ductile cast iron or stainless steel 316 (CF8M) or superior grade stainless steel.

Valve shafts shall be stainless steel 316, 420, 430F, 431 or duplex.

Torque requirements for bare shaft valves shall be supplied.

PN10 valves shall operate satisfactorily and reliably under a flow velocity of at least 3m/s.

Dimensional drawings of all valves shall be submitted.

ITEMS 3.1 – 3.5: PN10 DOUBLE FLANGED RESILIENT SEATED GATE VALVES

The valves shall be NFS or DVGW or WRAS or ACS or KIWA or WaterMark™ Schedule - Level 1 or SVGW certified / approved for drinking water.

Valves shall be internally and externally coated according to EN 14901 or DIN 30677 or GSK or AS/ZNS 4158 regulations / guidelines.

The valves shall be pressure tested in accordance with EN 12266 or ISO 5208

PN10 valves shall fit between flanges drilled to SANS1123/1000/3. The flanges shall be fitted in the two-hole-top orientation. (EN 1092-2)

The valve flanges shall have raised faces.

The valves shall be resilient seated in accordance with EN 1074 or EN 1171.

Valves shall have face-to-face dimensions according to EN 558-1, basic series 14 / ISO 5752 series 14.
Valve bodies and bonnets shall be ductile cast iron.
Valve gates shall be EPDM vulcanized ductile cast iron.
Valve shafts shall be stainless steel 316, 420, 430F, 431 or duplex.
Stem nuts shall be of bronze or dezincification resistant brass
Dimensional drawings of all valves shall be submitted.
<i>ITEMS 4.1 – 4.5: PN10 BALL-TYPE NON-RETURN VALVES</i>
The valves shall be NFS or DVGW or WRAS or ACS or KIWA or WaterMark™ Schedule - Level 1 or SVGW certified / approved for drinking water.
Valves shall be internally and externally coated according to EN 14901 or DIN 30677 or GSK or AS/ZNS 4158 regulations / guidelines.
The valves shall be pressure tested in accordance with EN 12266 or ISO 5208
PN10 valves shall fit between flanges drilled to SANS1123/1000/3. The flanges shall be fitted in the two-hole-top orientation. (EN 1092-2)
The valve flanges shall have raised faces.
The valves shall be resilient seated in accordance with EN 1074 or EN 1171.
Valves shall have face-to-face dimensions according to EN 558-1, basic series 14 / ISO 5752 series 14.
Valve bodies and bonnets shall be ductile cast iron.
Valve gates shall be EPDM vulcanized ductile cast iron.
Valve shafts shall be stainless steel 316, 420, 430F, 431 or duplex.
Stem nuts shall be of bronze or dezincification resistant brass
Dimensional drawings of all valves shall be submitted.
<i>ITEMS 5.1 – 5.5: PN10 EPDM MEMBRANE-TYPE NON-RETURN VALVES</i>
Non-return valves shall be of the membrane type that does not incorporate a perforated metal plate for membrane seating to not have the valve susceptible to clogging.
Valve membrane shall be of EPDM.
PN10 valves shall fit between flanges drilled to SANS1123/1000/3. The flanges shall be fitted in the two-hole-top orientation. (EN 1092-2)
The valve flanges shall have raised faces.

The valves shall have face-to-face dimensions according to dimensions according to EN 558, basic series 48 / ISO 5752 series 48.
Valve bodies shall be ductile cast iron, mild steel stainless steel 316 (CF8M) or superior grade stainless steel.
All components other stainless steel, brass or bronze components shall internally and externally epoxy or polyamide coated.
The pressure drop across the valves shall be no more than 0.5mWh at: <ul style="list-style-type: none"> • 450m³/h for 300NB valves • 300m³/h for 250NB valves • 120m³/h for 150NB valves • 50m³/h for 100NB valves
Dimensional drawings of all valves shall be submitted.
<i>ITEMS 6.1 & 6.2: PN10, EFFLUENT HANDLING SURGE ALLEVIATION AIR VALVES</i>
Air valves shall incorporate surge alleviation or anti-shock floats to restrict air release at high water approach velocities.
A bias mechanism shall keep the anti-shock floats deployed under all air release conditions but shall allow for unrestricted flow around the floats during high rate air intake vacuum break conditions.
Valves shall be rated to operate satisfactorily down to 0.2 bar.
Valves shall be pressure tested to 1.5x rated working pressure.
Valves shall fit onto flanges drilled to SANS1123/1000/3. (EN 1092-2)
Valves shall have flanged end connections. ¹
Where applicable, valve top flanges, bottom flanges, barrels and bodies shall be ductile cast iron or stainless steel 304 or superior grade stainless steel.
Valves with screwed end as standard connections shall have stainless steel 304 or superior lower flanges.
All components other stainless steel, brass or bronze components shall internally and externally epoxy or polyamide or polyurethane coated.
Internal fasteners shall be stainless steel 304 (A2) or superior.
External fasteners shall be HDG mild steel, stainless steel 304 (A2) or superior grade stainless steel.
Purge nozzle and seat retaining ring shall be stainless steel 304 or superior.
Floats shall be of HDPE or stainless steel 316.

Polymer seals and O-rings shall be of EPDM or NBR.
The air inlet orifice shall have the same nominal bore as the valve.
The purge float shall not be positioned directly below the upper flange orifice in order to prevent unintended deployment during high air release rates.
Dimensions of all valves shall be submitted.

