REQUEST FOR INFORMATION

RFI NUMBER:	JW RFI 02/07/2026 MC	**CLOSING DATE:**	10 July 2026 13:00
DESCRIPTION:	**SUPPLY/REPLACEMENT, DELIVERY, OFFLOADING AND INSTALLATION AND PROVISION OF STRIP, QUOTE AND REPAIR, ASSEMBLE AND TESTING AND SERVICES OF WATER AND SEWER VALVES AND GEARBOXES AND RESPECTIVE SPARES ON AN "AS AND WHEN REQUIRED" BASIS FOR A DURATION OF THIRTY-SIX (36) MONTHS**		
ISSUE DATE	01 July 2026		
Submit via Email to:	maria.chirrindze@jwater.co.za		

ENQUIRIES MAY BE DIRECTED TO:			
Bidding procedure enquiries must be sent to		**Technical enquiries must be directed to**	
CONTACT PERSON	Maria Chirrindze	**CONTACT PERSON**	Lenah Motaung
TELEPHONE NUMBER	011 688 6610	**TELEPHONE NUMBER**	011 688 1945
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SUPPLIER INFORMATION				
NAME OF BIDDER				
STREET ADDRESS				
TELEPHONE NUMBER	**CODE**		**NUMBER**	
CELLPHONE NUMBER				
E-MAIL ADDRESS				
VAT REGISTRATION NUMBER				
CENTRAL SUPPLIER DATABASE No:	MAAA			
MANUFACUTER OR THIRD PARTY(If Applicable)				

1. PURPOSE OF THE REQUEST FOR INFORMATION

To assist the organisation with business decision making purposes for an upcoming Request for Tender with regards to budget, cost effectiveness, risk assessment, specific goals to include in the tender, award and allocation strategy to incorporate, non-firm prices, pricing schedule and special conditions of tender.

2. BACKGROUND

Johannesburg Water invites service providers to respond to a Request for Information for the **supply/replacement, delivery, offloading and installation and provision of strip, quote and repair, assemble and testing and services of water and sewer valves and gearboxes and respective spares.** This RFI is strictly to solicit market related information from potential bidder(s) for the supply, delivery and servicing of **supply/replacement, delivery, offloading and installation and provision of strip, quote and repair, assemble and testing and services of water and sewer valves and gearboxes and respective spares** This RFI does not constitute; an offer; or any impression none so ever to do business with Johannesburg Water.

3. SCOPE OF WORK AND SPECIFICATIONS

3.1. DESCRIPTION

The contract entails supply/replacement, delivery, offloading and installation and provision of strip, quote, repair and testing services of water and sewer valves and spares at various JW sites on an as and when required basis for the duration of the contract.

3.2. SPECIFICATIONS

Abbreviations

In this Specification the following abbreviations will apply: -
ANSI : American National Standards Institute
ASTM : American Society for Testing and Materials
BS : British Standards Institution
SANS : South African National Standards
SIS : Swedish Institute of Standards
DIN : Deutsch Industry Normen
ISO : International Organisation for Standardization
ASME : American Society of Mechanical Engineers
SAECC : South African Electrolytic Corrosion Committee

Standards

For the purposes of this Specification the latest issues of the following standard specifications will apply: -
SANS 1700 : Fasteners

SANS 135 : Isometric Bold Screws and Nuts (Lexagon & square/coarse thread free fit series)
SANS 136 : Isometric Precision Hexagon Head Bolts and Screws and Hexagon Nuts (Coarse thread medium fit series)
SANS 144 : Cast Iron Single-door Reflux Valves
SANS 191 : Cast Steel Gate Valves
SANS 192 : Cast Steel Single-door Reflux Valves
SANS 664 : Cast Iron Gate Valves for Waterworks and heavy Industrial Purposes
SANS 936 : Cast Iron Spheroidal Graphite Iron Castings
SANS 1431 : Steel
BS 3100 : Cast Steel
BS 4504 : Flange Drilling
BS 5155 : Cast Iron and Carbon Steel Butterfly Valves
SIS 05 59 00 : Pictorial Surface Preparation Standards for Painting Steel Surfaces
ISO 2441 : Pipeline Flanges for General use - Shapes and Dimensions of Pressure Tight Surfaces
SANS 1123 : Steel Pipe Flanges

3.3. GENERAL REQUIREMENTS

- Satisfactory temporary end cover shall be provided to protect threads, flanges and prepared ends of valves from damage during transportation and handling on site.
- Valves shall be so transported, stored and handled as to prevent damage. Valves damaged in any way shall be removed from the site.
- The Contractor shall satisfy the Engineer as to the sufficiency of the place of manufacture regarding manufacturing, testing and inspection equipment to ensure that the production of
- valves are strictly in accordance with this Specification.

Pressure rating

The design pressure for the valve is specified in the Tender Document either in/or the Price Schedule. The minimum pressure rating for valves
shall be 10 Bar. Valves shall be capable of withstanding the applicable test pressure as specified in SABS 664. Test pressure shall be maintained for 5 minutes, and the valve bodies shall be watertight in all aspects.

Wastewater liquids and chemicals

Valves which encounter raw wastewater, treated wastewater and sludge shall be manufactured from corrosive resistant material.

Guarantee

All valves shall be guaranteed against faulty design, materials and workmanship until the end of OEM guarantee period. The Contractor shall be required to attend to and rectify any defects, which occur due to faulty design, materials or
workmanship at his own cost.

Operating and maintenance manuals
A copy of the Operating and Maintenance Manual for each valve type and different valve manufactures shall be bound in with the Operating and Maintenance Manual for the project. The manual shall be A4 size and properly bound. Drawings larger than A3 size shall be contained in separate plastic pockets.

Contents

- A copy of the signed factory test certificate shall be bound in with the manual, while the original shall be handed to the Engineer.
- Operating instructions
- Maintenance instructions
- Lubrication instructions
- Spare parts list
- Drawings
- Brochures

Jointing material

Jointing material shall comply with SANS 1700. Valves shall be supplied complete with bolts, nuts, washers (2 per bolt) and gaskets for joining up to adjacent mating flanges.
Bolts shall be of stainless steel in all open applications (e.g., in valve chambers, reservoirs, etc.) and galvanised when buried provided the flanges are protected with DENSO mastic and tape. The bolt shall be long enough to allow at least two screw threads to protrude from the nut when the assembly is fully tightened. A washer must be provided both under the bolt head and the nut.

Contact between dissimilar metals

When flanges of dissimilar metals are bolted together, the internal epoxy coating shall cover the contact area of the flange without any break.
Suitable insulation material shall be used between the contact faces of dissimilar metals of which the potential difference exceeds 0,3 V. Where corrodible metal is welded to a corrosion resistant metal, the protection coating specified shall overlap onto the latter by at least 5 mm.

3.4. FABRICATION

General

(a) Marking of Valves
The design pressure in MPa shall be hard stamped on the edge of flanges to valves, to be visible from the top of valves.

(b) By-passes
Where indicated in the Project Specification or the Schedule of Quantities, valves shall be supplied with by-passes. Such by-passes shall be bolted on to the body of the valve and not to the adjoining pipework.

(c) Hand wheels and Direction of Closure

Where valves are required to be supplied with hand wheels, the rims of such hand wheels shall be machined to a smooth finish if specified. Arrows shall be cast on the hand wheels together with the wording "TO OPEN" or "TO CLOSE" - Closing being by the clockwise rotation of the spindle unless otherwise specified.

(d) For cap top valves an aluminium disc of at least 100 mm diameter with the same wording and arrows shall be slipped over the spindle and retained by the cap.
Valves shall be fitted with indicators representing the valve status, showing fully open, fully closed and intermediate positions. Such indicators shall be corrosive proof and of robust design.

(e) Flanges

- Unless otherwise indicated flanges shall conform, in all respects, to the requirements of SANS 1123 appropriate for the class of valve specified.
- Should required sizes fall beyond the range of SANS 1123, flange dimensions shall confirm to the requirements as specified.
- The Contractor shall obtain written confirmation of required flange drilling from the Engineer prior to the commencement of manufacture.
- Sufficient clearance shall be allowed between the body of the valve and the flange to enable proper tightening of bolts. Tapped holes shall only be allowed in exceptional cases and with the Engineer's written consent.

(f) Information to be Supplied
Complete details of each valve offered must be provided at the time of tendering. This information will include at least the following: -

- Description
- Manufacturer's figure number
- Flange drilling
- Maximum working pressure (in kPa)
- Maximum unbalanced pressure (in kPa)
- Test pressure (in kPa)
- Material of components
- Gearing
- Accessories

3.5. Butterfly valves

Butterfly Valves shall be of the full-bore type and NOT reduced bore type with flanged ends.
Valves larger than 200mm shall be fitted with gearboxes.

1.1.1 Opening and closing

All valves shall be capable of being opened or closed by hand under an unbalanced pressure equal to the design pressure without any difficulty. The disc shall close with a positive action with no possibility of slamming shut during any stage of the closing operation and the valve shall be capable of operating at any opening without variation of disc position or flutter of the disc.

The direction of the spindle rotation for valve closing shall be clockwise.

1.1.2 Valve body

Valve bodies shall be manufactured from cast iron or cast steel depending on test pressures and as specified.

The valve body shall have integral hubs for shaft bearing housings. Valves shall be provided with supporting feet and lifting rings where specified. A flow direction arrow shall either be cast into the body or shall be a brass plate screwed onto the body with brass screws.

1.1.3 Discs

Discs shall be manufactured from cast iron or cast steel depending on test pressures and as specified. Discs shall be a single casting having a smooth streamlined design to minimize resistance to water flow.

The disc shall be off-set in the body to ensure simultaneous contact around its perimeter and shall have a positive non-slamming closing action

1.1.4 Seats and seals

The profiles of the seats shall be smooth and continuous and shall provide adequate “lead in” for the resilient seal during closure of the disc to prevent excessive seating torque requirements. The seats shall be fixed to the valve body with stainless steel countersunk screws to facilitate replacement.

The seals shall be of the resilient type with non-weathering, non-sticking, long life properties. Seals shall be replaceable and shall be secured to the edge of the disc by means of a retaining ring. Sealing rings and seal retaining rings shall be manufactured from stainless steel.

The design of the seat and seal shall allow replacement thereof without removing the valve from the line.

1.1.5 Shafts

Valve shafts shall be of high-grade stainless steel. Valve shafts shall either be continuous through the disc or of a stub shaft design as described in the Project Specification and will be horizontal to the installed valve position. In the case of the sub-shaft type, each stub shaft shall extend into the disc hub for a distance of at least 1.5 times the shaft diameter.

All keys, dowel pins and taper pins used to attach the shaft to the disc shall be mechanically secured. The shaft shall be so sealed that the only two wetted parts shall be the disc and the seat.

1.1.6 Bearings

Class 16 (1600 kPa) valves or valves with diameters of 350 mm or bigger shall be fitted with two-way adjustable bearings in order to permit precise disc-to-seat positioning at all times. Positive bearing retention shall also be provided so that the bearing will not shift under operating conditions. The valve shall be capable of being installed and operated in any position.

The bearings shall be self-lubricating, long-lasting sleeve-type bearings shall be fitted in the hubs of the valve body and at least one set of thrust bearings shall be provided.

3.6. Gearboxes

Where it is necessary or where it is specified, valves shall be operated via manually operated Gearboxes.

Gearboxes shall be self-locking and capable of holding the disc in a fixed position for any extended period of time.

Gearboxes shall be geared to be operated against the maximum unbalanced pressure with an effort not exceeding 200 N with each hand on the rim of a standard hand wheel. (Total effort = 400 N).
Gearboxes shall also be fitted with mechanical stops to prevent excessive turning and shall be provided with replaceable shear pins. One spare shear pin shall be provided with each valve.

All gearboxes shall be equipped with position indicators, adjustable travel stops and indications of the “open” and “closed” positions.

The design of the gearbox shall readily allow for conversion to motorised drive at a later stage if required.

1.1.7 Air release valves

Water works anti-shock and air release
Air valves shall be manufactured from cast iron or stainless steel depending on the test pressures and the project specification and of the single chamber design with cylindrical solid polymer control floats incorporating anti-shock design during high velocity air discharge.

The orifice plate, internals and body bolts shall be of stainless steel. All components of the valve shall be easily replaceable. All internals made of stainless steel that will be in contact with the fluid shall be lined or coated with a polyurethane paint to prevent cathodic action.

The design of the valve shall be such as to preclude the loss of water or the possibility of the float being blown shut by the passage of air when the accumulation of air in the pipeline is being released.

The valves shall be positive in the action to admit a free and full supply of air when the pipeline is being emptied or when the operating conditions demand.

Valves shall respond to the presence of accumulated air under normal working conditions by discharging it through a small orifice at any pressures within the specified design range.
Valves shall react immediately to pipeline drainage by full opening of the large orifice to allow unrestricted air intake. Valves shall not exhibit leaks or weeping past the large orifice seal at the maximum working pressure.

1.1.8 Air valves (sewage)

Where air valves are required on sewage or industrial effluent pumping mains, they shall be specifically designed for such usage. Ordinary waterworks pattern air valves will not be acceptable. Air valves shall be equipped with an isolating valve on the inlet.

Full details of the air valves offered shall be provided at the time of tendering.

Air valves (water mains)
The size of the air valve shall be specified on the in the Pricing Schedule by the inlet diameter.

Air valves shall be suitable for the working pressure indicated or stated in the Pricing Schedule.

All air valves shall be flanged and fitted with an isolating valve on the inlet pipe and a drain cock unless otherwise stated.

The air valves should be so designed that the balls are prevented from sticking.

Cover plates shall allow free discharge or intake of air but shall prevent the ingress of foreign matter.

Valves shall be drop tight on shut-off and the design of the valve shall prevent balls from sticking.

When discharging large volumes of air at high rates the ball must not be caught up in the escaping air stream and close before all air has been released.

Tenderers shall submit full particulars of the air valves tendered on with the tender.

1.1.9 Special Valves

All valves other than sluice and air valves shall be classified as special valves. The general requirements, pressure ratings, protective layers, flanges, markings, tests, etc. as specified in this Section will be applicable to the special valves. The particular valve will be further specified in the Pricing Schedule.

1.1.10 Gate Valves

All gate valves shall comply with the requirements of SABS 664 and shall carry the SABS mark. Gate valves shall completely clear the bore of the valve in the fully open position. The direction of closing shall be clearly marked on the bonnet of the valve. Vales shall be drip-tight from zero to maximum working pressure under test conditions.

1.1.11 Wedge Gate Valves

Valve seat and gate rings shall be manufactured from bronze to BS 1400 LG2.
Valves except flange faces shall be coated externally and internally with self-etching primer followed by one or more coats of fusion bonded epoxy material to give a total film thickness of at least 250 microns all applied in accordance with the manufacturer's specifications.

Valves where specified shall be supplied with fully enclosed, grease-packed, single-train spur gearboxes with a 3:1 or 4:1 ratio as specified.

Where required bronze gate guides and shoes shall be fitted as additional.
Integral mounted by-pass assemblies shall be fitted as additional where required.

1.1.12 Auxiliary fittings

Wedge gate valves of 300 mm diameter and larger shall be fitted with the following auxiliary fittings: -

- Drain Plugs

300 mm diameter valves and larger shall be supplied with gunmetal drain-plugs screwed into the lowest point of the valve and the valve body shall be suitably drilled and tapped to accept the drain-plug. The plug must be in position when the test pressure is applied.

- Ball Bearing thrust Collars

300 mm diameter valves and larger shall be fitted with ball-races on the top and bottom of the thrust collars. The ball-races shall be totally enclosed in a grease-packed cover, which shall be sealed to prevent the egress of grease. Provision must be made for lubricating the ball-races and the lubrication arrangement shall allow for re-greasing while the valve is under pressure.

Knife gate valves
The valve body shall be cast iron with soft rubber lining. Spindle and blade are to be manufactured from stainless steel. Valve seals are to be re-packable and reversible made from Nitrile rubber with PTFE scrapers, to withstand solid particles and grit associated with wastewater and sludge.
Hand wheels shall be rising spindle types. Knife gate valves shall be installed vertically at all times.

Resilient seal valves
Resilient Seal valves ensure tight compression sealing without wear and shall be used as isolating valves. Valve bodies shall have unobstructed, pocket-free, bores i.e., no seating protrusions or gate well, with inclined seats and gate guides to eliminate deposits in the valve body.

The spindle seal shall have at least two Nitrile Butadine rubber to DIN 3770 O-rings located in a corrosion-resistant housing and a wiper ring to prevent ingress of dirt. A back seal shall permit replacement of spindle seats under pressure, with the gate in the fully open position.

The cast iron gate shall be fully covered with a Nitrile Butadine rubber sheath fully bonded to the gate by vulcanising.

Valves shall be smooth bore and shall operate without the use of any wedging action, which may scuff or damage the rubberised gate.
Valves shall be coated with a fusion bonded epoxy coating of minimum thickness 200 microns

Needle valves

Type NLV1 needle valves of sizes 50 NB and under shall be used for flow control of dilution water.
Needle valves shall be manufactured from stainless steel and shall adhere to ASTMA A351.
The valve shall be hand operated, and the ends of the body shall be screwed to BSP.

Special valves

All valves used for special operations and conditions shall be carefully selected.
Tenderers are required to submit full details of the valves offered and the final selection shall be subjected to the approval of the Engineer. The valves offered shall not be accepted as substitutes for the standard valves specified.

Reflux/non-return valves

Valves used for sewage effluent or sludge shall be self-cleansing at the base of the gate. The interior shall be smooth and free from any projections.
Valve bodies shall be of cast iron or cast steel depending on the test pressures and the specification.
Valve doors shall be of cast steel or cast iron. Body rings, door rings and spindles shall be manufactured from stainless steel.

Valve bodies and seals shall be free of pockets that will allow dirt accumulation.
Valve doors shall be designed to prevent fluttering and shall allow rapid but non-slamming closure on reversal of flow. The gate shall swing free in the body and in fully open position shall not obstruct the flow.

Valves shall seal effectively under all operating conditions, and the design shall be such that the gate rests against the seat in the absence of flow or of differential pressure without the aid of springs or external counterweights.

Valve gearboxes

Gearboxes shall not be an integral part of the main body but shall be separate unit mounted to the body for easy removal. All gears shall be machine cut and fully enclosed and the lubrication shall be of the permanent type.

Positive stops shall be provided to prevent over opening or over closing of the units and visual indication of the point of travel at all positions in the open/close cycle shall be provided. Torque limiting devices shall be fitted to prevent damage to gears and casings due to over tightening. Design of valves and gearboxes shall be such that leakage from the valve along the shaft cannot enter the gearbox.

Protection of valves

Internal protection

Internal surfaces of valve bodies and discs shall be grit blasted to a Sa ½ of SIS 05 59 00 finish.

Successive coats of an approved non-toxic epoxy resin paint suitable for spray application (Copon EP2300 or similar) shall then be applied to give a final dry film thickness of 300 µm. Drying times between successive layers will depend on environmental conditions and will be strictly in accordance with the requirements of the paint manufacturer.

As an alternative to the protection as specified above, the Contractor may be required to use either a solvent-less epoxy paint system or a fusion bonded epoxy powder coating. For fusion bonded epoxy, a final dry film thickness of 250 µm is required.

External protection

External surfaces of valve bodies and discs shall be grit blasted to a Sa 2½ of SIS 05 59 00 finish. Successive coats of an approved non-toxic epoxy resin paint suitable for spray application (Copon EP2300 or similar) shall then be applied to give a final dry film thickness of 400 µm. Drying times between successive layers will depend on environmental conditions and will be strictly in accordance with the requirements of the paint manufacturer.

Where the specification does not call for an external surface consisting of an epoxy coating, the following shall apply: -

External surfaces of valve bodies shall be wire brushed to a Sa 3 of SIS 05 59 00 standard and painted with one layer zinc chromate primer to SANS 679 Type I (dried film thickness 50 µm). This shall be followed by two alkyd-based undercoats (each coat 25 µm thick) and one alkyd-based enamel finishing coat to SANS 630 Grade I (dried film thickness 25 µm). Final colour shall be as specified by the Engineer.\

Machined flanges shall be painted with a protective coating of shellac or similar.

Refer to Particular Specification G02: Corrosion Protection

Tolerances

The tolerances as specified in the appropriate SANS or BS standards shall apply to this Contract.

Testing and inspection

Testing by manufacturer

The Manufacturer shall carry out all tests to ensure that valve materials conform to the requirements of the relevant SANS or BS Specification. The Engineer shall not necessarily attend these tests, but records must be kept, and all test results and tests certificates must be provided to the Engineer.

Testing by independent body

The Engineer may appoint an independent recognised body to conduct control tests. The Manufacturer shall provide samples required for such tests free of charge and the independent body in accordance with the relevant SANS or BS Specification shall do sampling.

The cost of such control tests shall be borne by the Employer.

Inspection

Visual, operational and dimensional inspection of valves as well as inspection of protective coatings shall be carried out by the Engineer and/or the Manufacturer in the Manufacturer's workshop prior to the despatch of valves to site.

The Engineer's inspection will in no way relieve the manufacturer of any of his obligations to design, manufacture and supply valves strictly in accordance with the Specification.

Hydrostatic testing

The Engineer shall witness all hydrostatic tests and the Manufacturer shall give at least one week notification to the Engineer of the proposed dates for such tests.

Valve bodies shall be close ended tested to 2 x working pressure. Test pressures shall be maintained for at least 5 minutes, and valve bodies shall be watertight in all respects.

Assembled valves shall be open-ended tested to 1.5 x working pressure for material strength and soundness. Valves shall be drop tight over the complete range of pressures from 0 to 1.5x working pressure.

Each valve shall be supplied with a test certificate certifying that it complies in all respects with the requirements of this Specification.

Collection of equipment

The service provider will be required to complete and sign the equipment collection form when collecting any equipment for repairs at the JW sites. This form shall also be completed and signed when delivering or returning that particular equipment to the JW sites. The relevant authorised JW representative will also sign the same form during collection and delivery of equipment. A copy of the form will then be issued to the service provider upon delivery of the equipment to JW.

Stripping of equipment

The tenderer will be required to strip the equipment (valves) and provide JW with a comprehensive (detailed) quotation of the required work, the costs breakdown and failure assessment report within five (5) working days after striping the equipment. JW reserves the right to inspect the stripped equipment prior to approval of the work.

The comprehensive quotation must include a “pre-quotation” from the OEM (Original Equipment Manufacturer) for the components / parts / spares which the service provider intends to use when carrying out any repair and maintenance work. Every comprehensive repair quote must also include / indicate the Total Cost of Replacement of the equipment.

Thereafter the Authorised JW representative shall: -

1. Issue an approval to commence with repairs / maintenance through a Purchase Order/ Purchase Instruction. OR
2. Issue a letter instructing the service provider to NOT commence with repairs / maintenance on the equipment and return the equipment.

The Service provider will then assemble the equipment and return the equipment to relevant JW site. The strip, repair, assembling and transport rate will then be applied in this instance.

Delivery of equipment

Upon completion of works (repairs and/or maintenance), the service provider shall deliver the equipment to the respective JW sites. The service provider shall include a data pack with the following documents: comprehensive job card, detailed invoice, delivery note, completed quality control forms, site acceptance form (where applicable)

Comprehensive job card and detailed invoice shall outline all the work done and consumables used, as well as any parts fitted or replaced on the equipment. For every work / job that entails replacement of parts, the detailed quality control forms must also include OEM pre-invoices and material certificates (where applicable) for each part or spare replaced or fitted.

Detailed quality control forms must also include assembly check sheets, paint check sheets, factory release form and test reports confirming the operational assessment condition of the equipment post repair / maintenance / replacement. The detailed quality control forms must also include Warrantee Certificates for every repair and replacement work. JW may also, at their discretion, request the copies of valid calibration certificates for the pump test loop instruments and any other instruments used in the routine testing of the pump.

Where scope of work includes installation and site work, the detailed quality control forms must also include site acceptance forms approved by JW authorised representative.

On request by JW, the detailed invoice must be accompanied by ALL replaced parts upon delivery of the equipment to the respective JW sites. Failure to do so shall result in the non-signing of the Delivery Note (i.e. the JW Representative will not endorse the work done by the service provider) and will result in non-payment of the service provider.

Equipment must be rendered of “good condition” in whole and not in parts.

The comprehensive job card must include the equipment’s serial number, equipment type, make and size of equipment.

Emergency work

In an Emergency, work will be authorised by JW official via email or a letter instructing the service provider to undertake specified work and Overtime rates will be charged. The email or letter must be written by the respective JW Regional Maintenance Manager or other authorised JW personnel. Payment for all emergency work must conform to the payment requirements under this contract.

Additional work

For any additional work (not covered under the contract scope) that might be required on the equipment at the time of repairs / maintenance, the service provider shall only commence upon receipt of JW official purchase order.

Additional requirements

All equipment repaired by the service provider must be pre-filled with oil and greased by the service provider prior to delivering the equipment to JW where required. Only oil and grease that is recommended by the relevant equipment manufacturer may be used. The authorised JW representative will confirm that this has been done by signing the equipment collection and delivery form.

PRICING

Estimated Delivery time: _____**Weeks**
(The tender must stipulate the estimated delivery time in weeks)

SUPPLY, DELIVERY, OFFLOADING AND INSTALLATION OF VALVES

Item 1a: Wedge Gate Valves (Double Flanged) (Anti - Clockwise Close) – PN 10 (SABS 664:1999)

Item no	Size (mm)	Price			
		Year 1	Year 2	Year 3	
1.1	50	R	R	R	

Item 1b: Wedge Gate Valves (Double Flanged) (Anti - Clockwise Close) – PN 16 (SABS 664:1999)

Item no	Size (mm)	Price			
		Year 1	Year 2	Year 3	
1.18	50	R	R	R	

Item 1c: Wedge Gate Valves (Double Flanged) (Anti - Clockwise Close) – PN 25 (SABS 664:1999)

Item no	Size (mm)	Price

		Year 1	Year 2	Year 3	
1.35	**50**	R	R	R	

Item 2c: RSV - (Resilient Seal Gate Valve) - Non-Rising Stem-Double Flanged – PN 25 (SABS 664:1999)

2.21	**300**	R	R	R	R	R	R

Item 3a: Knife Gate Valves – PN 10 – Sewer Application

Item no	Size mm	Price			
		Year 1	Year 2	Year 3	
3.8	**375**	R	R	R	

Item 3b: Knife Gate Valves – PN 16 – Sewer Application

Item no	Size mm	Price			
		Year 1	Year 2	Year 3	
3.20	**375**	R	R	R	

Item 4a: Butterfly Valves – Double – Eccentric/Double Offset -PN 10 (Fully Flanged)

Item no	Size	Price			
	mm	Year 1	Year 2	Year 3	
4.5	375	R	R	R	

Item 4b: Butterfly Valves – Double – Eccentric/Double Offset -PN 16 (Fully Flanged)

Item no	Size	Price			
	mm	Year 1	Year 2	Year 3	
4.14	375	R	R	R	

Item 4c: Butterfly Valves – Double – Eccentric/Double Offset -PN 25 (Fully Flanged)

Item no	Size	Price			
	mm	Year 1	Year 2	Year 3	
4.23	375	R	R	R	

Item 4d: Butterfly Valves – Wafer Type -PN 10

Item no	Size	Actuator	Price			
	mm		Year 1	Year 2	Year 3	

4.28	**50**	**Lever**	R	R	R	
4.29	**65**	**Lever**	R	R	R	
4.30	**80**	**Lever**	R	R	R	
4.31	**100**	**Lever**	R	R	R	
4.32	**125**	**Lever**	R	R	R	
4.33	**150**	**Lever**	R	R	R	
4.34	**200**	**Lever**	R	R	R	
4.35	**250**	**Lever**	R	R	R	
4.36	**300**	**Lever**	R	R	R	

Item 4e: Butterfly Valves – Wafer Type -PN 16

Item no	**Size**	**Actuator**	**Price**			
	mm		**Year 1**	**Year 2**	**Year 3**	
4.37	**50**	**Lever**	R	R	R	
4.38	**65**	**Lever**	R	R	R	
4.39	**80**	**Lever**	R	R	R	
4.40	**100**	**Lever**	R	R	R	

4.41	**125**	**Lever**	R	R	R	
4.42	**150**	**Lever**	R	R	R	
4.43	**200**	**Lever**	R	R	R	
4.44	**250**	**Lever**	R	R	R	
4.45	**300**	**Lever**	R	R	R	
4.46	**500**	**Gearbox**	R	R	R	
4.47	**350**	**Gearbox**	R	R	R	
4.48	**400**	**Gearbox**	R	R	R	
4.49	**450**	**Gearbox**	R	R	R	

Item 4f: Butterfly Valves – Wafer Type -PN 25

Item no	**Size**	**Actuator**	**Price**			
	mm		**Year 1**	**Year 2**	**Year 3**	
4.50	**50**	**Lever**	R	R	R	
4.51	**65**	**Lever**	R	R	R	
4.52	**80**	**Lever**	R	R	R	
4.53	**100**	**Lever**	R	R	R	

4.54	**125**	**Lever**	R	R	R	
4.55	**150**	**Lever**	R	R	R	
4.56	**200**	**Lever**	R	R	R	
4.57	**250**	**Lever**	R	R	R	
4.58	**300**	**Lever**	R	R	R	

Item 6a: Non-Return Valve – Reflux Valves – Class 10

Item no	**Size**	**Auxiliaries**	**Price**			
	mm	**Bidder to specify**	**Year 1**	**Year 2**	**Year 3**	
6.1	**50**		R	R	R	

Item 6b: Non-Return Valves – Reflux Valves – Class 16

Item no	**Size**	**Auxiliaries**	**Price**			
	mm	**Bidder to specify**	**Year 1**	**Year 2**	**Year 3**	
6.13	**50**		R	R	R	

Item 6c: Non Return Valves – Reflux Valves – Class 2

Item no	Size	Auxiliaries	Price			
	mm	Bidder to specify	Year 1	Year 2	Year 3	
6.25	50		R	R	R	

Item 6d: Non Return Valves – Ball Type – Class 10

Item no	Size	Price			
	mm	Year 1	Year 2	Year 3	
6.36	50	R	R	R	
6.37	80	R	R	R	
6.38	100	R	R	R	
6.39	150	R	R	R	
6.40	200	R	R	R	
6.41	250	R	R	R	
6.42	300	R	R	R	

Item 9b: Non-Return Valves – Ball Type – Class 16

Item no	Size	Price

	mm	Year 1	Year 2	Year 3	
6.43	**50**	R	R	R	
6.44	**80**	R	R	R	
6.45	**100**	R	R	R	
6.46	**150**	R	R	R	
6.47	**200**	R	R	R	
6.48	**250**	R	R	R	
6.49	**300**	R	R	R	

MARK UP ON VALVE SPARES AND THIRD PARTY REAPAIRS

The below tables show the maximum allowable mark-up on spares and third-party repairs

Description	UoM	Make-up % Year 1	Make-up % Year 2	Make-up % Year 3
Mark up on valve spares	**%**			
Mark up on valve spares third party repairs	**%**			

SUPPLY, DELIVERY, OFFLOADING AND INSTALLATION OF GEARBOXES

Item no	DESCRIPTION	Price

		Year 1	Year 2	Year 3	
1.1	For Gearboxes sizes ranging from 0kW – 5.5kW (Ranged on driving motor size)	R	R	R	
1.2	For Gearboxes sizes ranging from 7.5kW – 22kW (Ranged on driving motor size)	R	R	R	
1.3	For Gearboxes sizes ranging from 30kW – 45kW (Ranged on driving motor size)	R	R	R	
1.4	For Gearboxes sizes ranging from 55kW – 90kW (Ranged on driving motor size)	R	R	R	
1.5	For Gearboxes sizes ranging from 110kW and above (Ranged on driving motor size)	R	R	R	

Item	Description	Unit	Year 1		Year 2		Year 3	
			Rate Normal Time	Rate Overtime	Rate Normal Time	Rate Overtime	Rate Normal Time	Rate Overtime
1.6	Mark up on spare parts	%	10%	10%	12.5%	12.5%	15%	15%
1.7	*Transport (to and from) light	km	AA Rates	AA Rates	AA Rates	AA Rates	AA Rates	AA Rates
1.8	*Transport (to and from) heavy (5 tons upwards)	km	R	R	R	R	R	R

***NB1 :Transport to collect equipment from JW and delivering equipment to JW (upon completion for repairs), will be paid as per the applicable AA rates at the time of travelling (in line with the size of the vehicle).**

Prices Firm / Non-Firm? _____

Suppliers to complete the below according to their company details.

INFORMATION FOR SPECIFIC GOALS ANALYSIS	
BUSINESS OWNED BY 51% OR MORE -BLACK PEOPLE	
1. Percentage (%) of Black Ownership**)**	
2. Is Black Ownership 51% or more? **(Yes or No)**	
BUSINESS OWNED BY 51% OR MORE – BLACK YOUTH	
1. Percentage (%) of Ownership by Black Youth	
2. Is the percentage of Black Youth Ownership 51 % or more? **(Yes or No)**	
BUSINESS OWNED BY 51% OR MORE-WOMEN	
1. Percentage (%) of Ownership by People who are Women	
2. Is the percentage of People who are Women 51 % or more? **(Yes or No)**	
BUSINESSES LOCATED WITHIN THE BOUNDARIES OF A REGION IN COJ, COJ MUNICIPALITY OR IN GAUTENG PROVINCE	
1. Is your business located in the Gauteng Province? **(Yes or No)**	
2. Is your business located in the COJ Municipality? **(Yes or No)**	
3. Is your business located within the region of the COJ? **(Yes or No)**	
BUSINESS OWNED BY 51% OR MORE - BLACK PEOPLE WHO ARE MILITARY VETERANS	
1. Percentage (%) of Ownership by Black People Who Are Military Veterans	
2. Is the percentage of Ownership by Black People Who Are Military Veterans 51% or more? **(Yes or No)**	
BUSINESS OWNED BY 51% OR MORE-BLACK PEOPLE WITH DISABILITIES	
1. Percentage (%) of Ownership by Black People With Disabilities	
2. Is the percentage of Ownership by Black People with Disabilities 51% or more? **(Yes or No)**	
SMME (AN EME OR QSE) OWNED BY 51% OR MORE - BLACK PEOPLE	
1. What is the Enterprise Type? EME – turnover is less than R10m QSE – Turnover between R10m and R50m Generic – Turnover is R50M of more	
JOINT VENTURE (JV), CONSORTIUM OR EQUIVALENT	
1. What is the percentage (%) of ownership for each party?	

SUBCONTRACTING WITH COMPANIES AT LEAST 51% OWNED BY HISTORICALLY DISADVANTAGED INDIVIDUAL (HDI) GROUPS MENTIONED ABOVE	
1. What is the percentage (%) that will be sub-contracted to companies that are at least 51% owned by Historically Disadvantaged Individual (HDI) groups mentioned above?	

INFORMATION PRICE BREAKDOWN			
DESCRIPTION	**BREAKDOWN IN PERCENTAGE**	**APPLICABLE INDEX**	**IMPACTED BY ROE (YES/NO)**
Raw materials			
Direct Labour			
Direct Overheads			
Transport			
Indirect Labour			
Indirect Overheads			
Total	**100%**		

provide the following information (if Applicable)

TYPICAL PRICE ADJUSTMENT FORMULA INCLUDING INTERVALS

SUBMITTED DOCUMENTATION IN SUPPORT OF A REQUEST FOR A PRICE ADJUSTMENT

SOURCE OF RAW MATERIAL	
DESCRIPTION	**COUNTRY OF ORGIN**
Raw materials	

ASSOCIATED RISKS	
RISK CATEGORY	**RISK MITIGATION**
Economic:	
Security of Supply	
Supply and Demand	
Rate of Exchange	
Operational:	
Capacity	
Logistics	