Request for Quotations
For Goods

Supply and Delivery of two (2) End-Suction Pumps c/w 45 kW Motors, Base Frames and Various Valves

Procurement Reference No: G/RFQ/ NW-010/2023

Name of Bidder		
Contact Person		
E-mail Address		
Postal Address		
Total Amount (Excl. VAT)		
Lot 1:		
Lot 2:		
Item 1		
Item2		
Item3		
Item 4		
Contact Phone number	**Work:**	**Mobile:**

The Quotation/Bid Box

Att: Procurement Management Unit (+264 61 71 2015, Bids@namwater.com.na)

Namibia Water Corporation Ltd.

Private Bag 13389

176 Iscor Street, Aigams Building

Windhoek

Closing Date: Thursday, 09 June 2022 at 11h00
NO LATE BIDS WILL BE ACCEPTED!

Namibia Water Corporation Ltd.
Private Bag 13389, Windhoek, Namibia
Tel: +264 61 71 2081
Fax: +264 61 21 0741

Letter of Invitation

Name and Address of Bidder_____

Procurement Reference Number: G/RFQ/NW-010/2023

12 May 2022

Dear Bidder,

Supply and Delivery of Two (2) End-Suction Pumps c/w 45 kW Motors, Base Frames and various valves.

NamWater invites you to submit your best quote for the items described in detail hereunder. Any resulting contract shall be subject, to the terms and conditions referred to in the document.

Queries, if any, should be addressed to Procurement Management Unit E-mail: bids@namwater.com.na, Private Bag 13389 Windhoek, Namibia.

Please prepare and submit your quotation in accordance with the instructions given or inform the undersigned if you will not be submitting a quotation.

Yours faithfully

Procurement Management Unit

SECTION I: INSTRUCTIONS TO BIDDERS

1. Rights of Public Entity

The NamWater Ltd reserves the right:

(a) to split the contract as per the lowest evaluated cost per item, or

(b) to accept or reject any quotation; and

(c) to cancel the quotation process and reject all quotations at any time prior to contract award.

2. Preparation of Quotations

You are requested to quote for the items mentioned in Section III by completing, signing and returning:

(a) the Quotation Letter in Section II with its annex for Bid Securing Declaration*;*

(b) the List of Goods and Price Schedule Section III;

(c) the Specifications and Compliance Sheet in Section V; and

(d) Supporting information/literature requested under Section IV, number 8

You are advised to carefully read the complete Request for Sealed Quotations document, including the Special Conditions of Contract in Section VII, before preparing your quotation. The standard forms in this document may be retyped for completion but the Bidder is responsible for their accurate reproduction.

3. Validity of Quotations

The Quotation validity period shall be **90** days from the date of submission deadline.

4. Eligibility Criteria

To be eligible to participate in this Quotation exercise, you should:

(a) have a company Registration Certificate;

(b) have a Good Standing Tax Certificate;

(c) have a Good Standing Social Security Certificate;

(d) have an Affirmative Action Compliance Certificate, proof from Employment Equity Commissioner that bidder is not a relevant employer, or exemption issued in terms of Section 42 of the Affirmative Action Act, 1998;

(e) Submit signed Bid-securing Declaration.

(f) An undertaking on the part of the Bidder that the salaries and wages payable to its personnel in respect of this proposal are compliant to the relevant laws, Remuneration Order, and Award, where applicable and that it will abide to sub-clause 4.6 of the General conditions of Contract if it is awarded the contract or part thereof; and;

The obligatory documents indicated above, are acceptable as follows:

- A valid original document; or
- a valid certified copy of an original document, as certified by a Commissioner of Oath appointed in terms of the Justices of the Peace and Commissioners of Oaths Act, 1963 (Act No. 16 of 1963) as amended.

5. Bid Securing Declaration

Bidders are required to subscribe to a Bid Securing Declaration for this procurement process.

6. Delivery

Delivery shall be to a maximum of **26 weeks** after acceptance/issue of Purchase Order. Deviation in delivery period **shall not be accepted.**

The following tests and inspections will be conducted on the goods at delivery:

6.1. NamWater Ltd will inspect all items upon delivery to ascertain if dimensions, pressure flange rating and coating are correct. NamWater Ltd will not send a technical person to go inspect the items at the factory, the onus thus rest with the supplier to ensure that all items are to specifications before delivery is made to Aigams Building, NamWater Head Office Stores.

7. Sealing and Marking of Quotations

Quotations should be sealed in a single envelope, clearly marked with the Procurement Reference Number, addressed to NamWater Ltd with the Bidder's name and contact information at the back of the envelope.

8. Submission of Quotations

Quotations should be deposited in the Quotation/Bid Box located at Namibia Water Corporation Ltd Head office, Private Bag 13389, 176 Iscor Street, Aigams Building, Windhoek, not later than **Thursday 09 June 2022** at **11h00**. Offers by post or hand delivered should reach Private Bag 13389 by the same date and time at latest. Late Offers will be rejected

Quotations received by e-mail will not be considered.

9. Opening of Quotations

Quotations will be opened internally by NamWater Ltd immediately after the closing time referred to in instruction 8 above. A record of the Quotation Opening stating the name of the bidders, the amount quoted, the presence or absence of a Bid Securing Declaration, will be posted on the website of NamWater Ltd and available to any bidder on request within three working days of the Opening.

10. Evaluation of Quotations

NamWater shall have the right to request for clarifications in writing during evaluation.

Substantially responsive offers will be evaluated according to the following formula to determine the percentage score:

11. Technical Compliance

Bidders shall submit along with their quotations documents, catalogues and any other literature to substantiate compliance with the required specifications and to qualify deviations if any with respect to Public Entity's requirements.
The Specifications, Performance Requirements and Compliance Sheet details the minimum specifications of the goods/items to be supplied. The specifications have to be met but no credit will be given for exceeding the specifications unless otherwise stated.

12. Prices and Currency of Payment

Prices shall be fixed in Namibian Dollars.

13. Margin of Preference

13.1 The applicable margins of preference and their application methodology are as follows: **Not applicable**

14. Award of Contract

The Bidder having submitted the lowest evaluated responsive quotation and qualified to supply the goods/items and related services shall be selected for award of contract. Award of contract shall be by issue of a Purchase Order/Letter of Acceptance in accordance with terms and conditions contained in Section VI: Contract Agreement and General Conditions of Contract.

Partial award will be allowed per Lot

15. Notification of Award and Debriefing

NamWater Ltd shall after award of contract promptly inform all unsuccessful bidders in writing of the name and address of the successful bidder and the contract amount and post a notice of award on its website within seven (7) days. Furthermore, NamWater Ltd shall end to all requests for debriefing made in writing within seven (7) days of the unsuccessful bidders being informed of the award.

SECTION II: QUOTATION LETTER

(to be completed by Bidders)

[Complete this form with all the requested details and submit it as the first page of your quotation with the Price list and documents requested above. A signature and authorisation on this form will confirm that the terms and conditions of the RFQ prevail over any attachments. **If your quotation is not authorised, it will be rejected**.]

Quotation addressed to*:*	**Namibia Water Corporation Ltd**
Procurement Reference Number:	**G/RFQ/NW-010/2023**
Subject matter of Procurement:	**Supply and Delivery of Two (2) End-Suction Pumps c/w 45 kW Motors, Base Frames and various Valves**

We offer to supply the items listed in the attached List of Goods and Price Schedule as per the defined specifications, *except for the qualified deviations [Bidder may delete this phrase in case of no deviation]* and, in accordance with the terms and conditions stated in your Request for Quotations referenced above.

We confirm that we are eligible to participate in this Quotation exercise and meet the eligibility criteria specified in Section 1: Instruction to Bidders.

We undertake to abide ethical conduct during the procurement process and the execution of any resulting contract.

We have read and understood the content of the Bid Securing Declaration (BSD) attached hereto and subscribe fully to the terms and conditions contained therein. We further understand that this subscription could lead to disqualification on the grounds mentioned in the BD].

The validity period of the Quotation is **……** days from the date of the bid submission deadline.

We confirm that the prices quoted in the List of Goods and Price Schedule are fixed and firm and will not be subject to revision or variation, if we are awarded the contract **prior to the expiry** date of the quotation validity.

The delivery period offered from the date of issue of Purchaser Order/ Letter of Acceptance is as shown in the List of Goods items and Price Schedule.

Quotation Authorised by:

Name of Bidder		Company's Address and seal	
Contact Person			
Name of Person Authorising the Quotation:		Position:	Signature:
Date		Phone No./Fax	

Appendix to Quotation Letter

BID SECURING DECLARATION
(Section 45 of Act)

(Regulation 37(1)(b) and 37(5))

Date: .....

Procurement Ref No.: .....

To: .....

I/We* understand that in terms of section 45 of the Act a public entity must include in the bidding document the requirement for a declaration as an alternative form of bid security.

I/We* accept that under section 45 of the Act, I/we* may be suspended or disqualified in the event of

(a) a modification or withdrawal of a bid after the deadline for submission of bids during the period of validity;

(b) refusal by a bidder to accept a correction of an error appearing on the face of a bid;

(c) failure to sign a procurement contract in accordance with the terms and conditions set forth in the bidding document, should I/We* be successful bidder; or

(d) failure to provide security for the performance of the procurement contract if required to do so by the bidding document.

I/We* understand this bid securing declaration ceases to be valid if I am/We are* not the successful Bidder

Signed: .....
[*insert signature of person whose name and capacity are shown*]

Capacity of:
[indicate legal capacity of person(s) signing the Bid Securing Declaration]

Name: .....
[insert complete name of person signing the Bid Securing Declaration]

Duly authorized to sign the bid for and on behalf of: [insert complete name of Bidder]

Dated on _____ day of _____, _____
[*insert date of signing]*

Corporate Seal (where appropriate)

[Note*: In case of a joint venture, the bid securing declaration must be in the name of all partners to the joint venture that submits the bid.]
delete if not applicable / appropriate

Republic of Namibia

Ministry of Labour, Industrial Relations and Employment Creation

Written undertaking in terms of section 138 of the Labour Act, 2015 and section 50(2)(D) of the Public Procurement Act, 2015

1. EMPLOYERS DETAILS

Company Trade Name:……

Registration Number :……...

Vat Number: ……

Industry/Sector: ……

Place of Business:……..

Physical Address:……..

Tel No.:……

Fax No.:…….

Email Address:……..

Postal Address:……..

Full name of Owner/Accounting Officer:……..……...

…….....

Email Address:……..

2. PROCUREMENT DETAILS

Procurement Reference No.:……..

Procurement Description: ……..

……

……

Anticipated Contract Duration: …….

Location where work will be done, good/services will be delivered: ……..

……

3. UNDERTAKING

I …… *[insert full name]*, owner/representative

of ……*[insert full name of company]*

hereby undertake in writing that my company will at all relevant times comply fully with the relevant provisions of the Labour Act and the Terms and Conditions of Collective Agreements as applicable.

I am fully aware that failure to abide to such shall lead to the action as stipulated in section 138 of the labour Act, 2007, which include but not limited to the cancellation of the contract/licence/grant/permit or concession.

Signature: ……..

Date: ……..

Seal:…….

Please take note:

1. *A labour inspector may conduct unannounced inspections to assess the level of compliance*
2. *This undertaking must be displayed at the workplace where it will be readily accessible and visible by the employees rendering service(s) in relations to the goods and services being procured under this contract.*

SECTION III: LIST OF GOODS AND PRICE SCHEDULE

QUOTATION FOR: Supply and Delivery of Two (2) End-Suction Pumps c/w 45 kW Motors, Base Frames and various valves

Procurement Ref No. G/RFQ/NW-010/2023

Lot 1: Pumps

INSTRUCTIONS TO THE PUBLIC BODY	INSTRUCTIONS TO BIDDERS
At time of preparation of the RFQ, Columns A to I shall be filled in by the Public Entity. [*To be filled by the Public Entity*]	Bidders shall fill-in columns F, G & H and fill the total E= mark with a *if an equivalent is quoted F= Rate per unit G=Total price for one item (C x F) • If an equivalent is quoted, please attach to your quote appropriate technical information & specification • Bidders shall fill in and sign the bottom section of this page

A	B	C	D	E	F	G	H	I	
Item no.	**Description of Goods**	**Quantity required**	**Unit of measure**	*****	**Price per unit NAD[1]**	**Total price without VAT NAD**	**VAT: NAD**	**Delivery weeks (days/month)**	**Country of Origin**
1	End Suction Pumps	2	Each						
2	45kW Induction Motors	2	Each						
3	Pump-set Base Frames	2	Each						
					TOTAL			-	-

NAME:	POSITION:	SIGNATURE	DATE
NAME OF BIDDER:	ADDRESS:		

Lot 2: Valves

INSTRUCTIONS TO THE PUBLIC BODY	INSTRUCTIONS TO BIDDERS
At time of preparation of the RFQ, Columns A to I shall be filled in by the Public Entity. [*To be filled by the Public Entity*]	<u>Bidders shall fill-in columns F, G & H and fill the total</u> E= mark with a *if an equivalent is quoted F= Rate per unit G=Total price for one item (C x F) • If an equivalent is quoted, please attach to your quote appropriate technical information & specification • Bidders shall fill in and sign the bottom section of this page

A	B	C	D	E	F	G	H	I	
Item no.	Description of Goods	Quantity required	Unit of measures	*	Price per unit NAD[1]	Total price without VAT NAD	VAT: NAD	Delivery weeks) (days/ month	Country of Origin
1	300NB PN10 ISOLATION VALVE BUTTERFLY WAFER TYPE	3	Each						
2	200NB PN10 ISOLATION VALVE BUTTERFLY WAFER TYPE	2	Each						
3	300NB PN10 NON-RETURN VALVE MEMBRANE TYPE	1	Each						
4	125NB PN10 NON-RETURN VALVE NOZZLE TYPE	2	Each						
					TOTAL				

NAME:	POSITION:	SIGNATURE	DATE
NAME OF BIDDER:	ADDRESS:		

If Price quoted is subject to change in rate of exchange at the time of delivery of goods provide details hereunder:

Currency: …….. Exchange Rate: …….

If no base rate of exchange is given, the price shall be treated as firm in Namibian Dollars for all intent and purpose.

Key notes: **NA**=NOT APPLICABLE, **NQ**=NO QUOTE

SECTION IV: SPECIFICATIONS AND PERFORMANCE REQUIREMENTS

Lot 1

GENERAL

The specifications cover the supply and delivery of two (2) end-suction pumps complete with 45kW induction motors, including pump-motor coupling, and pump-set base frame.

All equipment must be supplied by the same pump manufacturer including the pump body, pump cover, pump support/base frame, impeller, shaft, shaft sleeve, and seals. Distributors or other fabrication shops will not be allowed to furnish equipment built in their local fabrication shop.

Except as modified or supplemented herein, all end suction pumps shall conform to the applicable requirements of the Hydraulic Institute (H.I.) Standards.

Supplier shall be certified to the ISO 9001 standard for design and manufacture of end-suction pumps.

Equipment shall be manufactured in a facility that recognizes its impact on the environment, and has demonstrated a commitment to minimizing that impact by achieving ISO 14001 certification.

Construction

The pump-sets shall be mounted on top of a design specific steel base frame for the offered pump and motor.

The drive shafts of the pump/motor set will be horizontal. The pumps will be supplied and driven by air-cooled, 4-pole 45 kW induction motors. The pump and motor shafts shall be coupled by means of a suitable pump/motor shaft coupling as part of the offer.

Operation

The motors will be driven by variable frequency drives. Start-up frequencies will range between 0HZ and 50Hz. Normal operating frequencies will range as specified by the pump and/or motor manufacturer. The variable frequency drives do not form part of the offer. Start-up and shut-down ramp rates and speeds shall be according to the pump manufacturer's operation manual.

After sale services

An authorised service agent capable of servicing the offered pumps must be located in Namibia. The service agent must be able to supply wear items to NamWater Head office within 60 working days of receipt of an order for such items.

Efficiency and Guaranteed Value

Suppliers shall guarantee the offered pump efficiency at the primary duty point in accordance with ISO 9906 Grade 2B. In addition to the factory performance testing, Bidders shall accept an in situ pump efficiency test in accordance with ISO 9906 Grade 2B.

Bidders shall specify the standard factory efficiency of the pump at the required duty points. End-Suction Pumps

END-SUCTION PUMPS

Duty Point Performance

The pumping medium is clear water between 15°C and 30°C with a chlorine content of up to 2ppm.

The pumps shall be selected so as to operate at a speed **not exceeding 1 500 r/min**. Detailed **H-Q curves** at the different motor speeds for the duty points as given in the table hereunder down to a shut-off and up to a run-off head pressure shall be included in the offer.

The H-Q curves of each of the pumps shall pass through or above the duty point:

Flow	**Head**
$145m^3/h$	50mWh

The power absorbed **at any point on the pump H-Q curve** at the rated speed shall not exceed the square of the speed ratio factor (rated speed/motor full load speed) applied to **40kW.** For example, in a scenario where the offered pump curve passes through the duty point at 1390 r/min and the offered motor full load speed is 1485 r/min, the maximum allowable power absorbed equates to 35 kW. The pump shall preferably be supplied with the largest possible impeller that allows it to adhere to the above shaft power requirement limitations in order to maximize the unit's efficiency.

The standard factory pump efficiency at the primary duty flow shall be **no less than 71%.** The flow ratio (Q/Q_{BEP}) at the primary duty flow shall be between **85%** and **110%.**

The NPSH requirement of the pumps shall not exceed **4 mWh**. The pumps will operate at an approximate altitude of **1180 m amsl.**

Performance acceptance tolerances for flow, total head, efficiency, and $NPSH_R$ shall be as per **ISO 9906 Grade 2B**.

Volute and Flanges

The pump volute shall incorporate a centre-top discharge. Offers of pumps with side discharges will be disqualified. The pump volute and pipe connection flanges shall be rated to at least **1000 kPa**. The pipe connection flanges shall be drilled according to EN 1092-2 or the appropriate DIN specification. The Bidder will provide additional information indicating the dimensions of the suction and discharge flanges.

Shaft Seals

The pumps shall be fitted with mechanical seals.

Only mechanical seals from the following manufacturers will be acceptable:

- AESSEAL®
- EagleBurgmann®
- Flowserve®
- John Crane®
- KSB®

Rolling Element Bearings

The pumps shall be fitted with permanently sealed grease lubricated rolling element bearings.

Component Materials

The pump components listed in the table below shall be constructed of the following materials:

Component	**Material Type & Specification**
Volute Casing	Grey/Ductile Cast Iron
Discharge Cover	Grey/Ductile Cast Iron
Cooling Cover	Grey/Ductile Cast Iron
Bearing Bracket and Pedestal	Grey/Ductile Cast Iron
Shaft	Stainless Steel 316 or superior
Shaft Sleeve	Stainless Steel
Impeller	Stainless Steel CF8M
Casing Wear Ring (Suction and Discharge side)	Grey Cast Iron /Bronze
O-rings	EPDM

Internal/External Fasteners and Impeller Nut	Stainless Steel 316

Casing / Volute & Impeller

All surfaces and castings shall be free of any casting cavities and properly finished to be free of metal warts, protrusions, lumps etc. No cavities or voids shall be putty filled to imitate a smooth surface.

Prior to any internal coating and dispatch from the factory and written approval by the Employer for dispatch of any pump unit the Contractor shall provide the Employer with five (5) digital photos of the internals of the housing as well as 10 digital photos of the impeller to show the front and the rear of the vanes. The resolution of the photos shall be **5 Megapixels** or higher. The photos shall be numbered with the serial number of each pump.

Impellers shall be dynamically balanced to at least **ISO 1940/1 G6.3**, and impeller specific certificates will be submitted to NamWater prior to delivery. Offers with impellers dynamically balanced to **ISO 1940/1 G2.5** shall receive preference. Refer to the Section I: Instructions to bidders 10 & 13.

Coatings

The pumps shall be internally coated with either Belzona® 3141 or Carboline® Carbogaurd® 550 and externally coated with either Belzona® 6111 or Carboline® Polyclad® 777. The colour of external top-coat shall be specified by NamWater after award. **Alternative coatings may be proposed for consideration**. NamWater however reserves the right to specify the coatings applied.

Drawings of Pumps & Base Frames

The Bidder shall submit with the offer scaled drawings showing all relevant dimensions of the pump such that the engineer can design pipework in order to fit the pumps. The drawings shall be the original documentation as supplied by the Pump Manufacturer. The dimensions shall be accurate to within 1 millimetre. The drawings shall include side elevations and plane view outline drawings and a cross section drawing.

Information Plates

Each pump shall be fitted with **identification labels as per DIN EN 19** fastened to them in such a manner as to not unbind during transport or on-site installation. These identification labels shall, at least, include the:

- Pump make & model
- Best efficiency flow & pressure
- Full impeller diameter
- Installed impeller diameter
- Maximum shaft power required

- Nominal operating speed
- Pump mass
- Serial number

Supporting Literature

All offers shall include detailed supporting literature to enable Namwater to evaluate the conformity to specification.

Offers with insufficient details or information will not be considered.

An offer will be disqualified if the following information is not included with the offer:

- Pump information in SI units
- Pump H-Q curves indicating power requirements at operating speeds
- Pump efficiency curve at operating speeds
- To-scaled sectional drawings showing relevant dimensions of the pump
- Pump components list including materials of construction of components
- Mechanical seal data sheets
- Bearing data sheets
- Pump/motor coupling data sheets

PUMP PERFORMANCE & VIBRATION TESTING

Performance testing is a separate section of this document and Bidders must familiarise themselves with the tests to be executed and accept the procedures and results from the respective testing authorities as well as the liability for any rectification which may arise as a result of the tests.

The cost of rectification as well as further testing to prove compliance with the specifications will be for the Bidder's own account.

NamWater may decide to send technical personnel to the factory to witness the tests. The expenses will be for NamWater's own account.

Performance Testing

The pumps performance and NPSH testing shall be in accordance with **ISO 9906 Grade 2** specification. Performance acceptance tolerances for flow, total head, efficiency, and $NPSH_R$ shall be as per **ISO 9906 Grade 2B**. Test certificates are required for all the pumps supplied.

The pump tests will include a set of stable readings confirming flow versus head, power, efficiency and NPSH characteristics. These test certificates shall be supplied to NamWater before shipping the units.

Vibration Testing

The supplier will perform vibration testing of the pumps in accordance with ISO 10816-7. The vibration level tolerances shall at least conform to ISO 10816-7 Category 2 Zone A. Offers for pump guaranteed to comply with tolerances in accordance with ISO 10816-7 Category 1 Zone A shall receive preference. Refer to the Section I: Instructions to bidders 10 & 13.

The vibration testing shall be continuous for the duration of the performance test and shall give overall vibration level at the various performance test points. Tri-axial readings, in velocity (mm/s), shall be made at each point of the pump-set bearings. Unless otherwise stated in the OEM's factory datasheets and/or operating manuals and accordingly stated in the schedule of technical information, for the purposes of vibration testing in terms of ISO 18816-7:

- The 'Allowable Operating Range' shall range from at 50% Q_{BEP} to 130% Q_{BEP} or the maximum flow rate on the H-Q curve, whichever is less, at full or rated speed.
- The 'Preferred Operating Range' shall range from 70% Q_{BEP} to 120% Q_{BEP} or the maximum flow rate on the H-Q curve, whichever is less, at full or rated speed.

The vibration test results shall be submitted to NamWater prior to shipping the units. Failure of the pumps to meet these meet the vibration levels will result in the rejection of the units where after the Supplier shall correct the faults and arrange for further testing at the Supplier's cost.

ELECTRIC INDUCTION MOTORS

Performance Requirements

The motor shall have a rated output of 45kW at 50Hz. The motor shall be suitable for full load operation at **1650 m amsl** at ambient temperatures between -10°C and 40°C in an open air, under roof operation. **No de-rating will be allowed within the above-mentioned operation conditions.** De-rating above 1650m amsl is allowed.

Construction Requirements

The electric motor required shall be designed, rated and manufactured in accordance with **SANS 1804-1/2/IEC 60034-1 for totally enclosed fan - cooled motors,** with specific reference to the following requirements:

- Type: Squirrel Cage, 4-pole
- IE rating: IE3 (Supreme Efficiency)
- Enclosure type: IP55 minimum
- Cooling method: IC 411
- Insulation: Class H
- Temperature rise: Class B

- Mounting method: Foot mount, B3
- Frame construction: Fabricated mild steel or cast iron
- Power supply: 400V AC ± 10%, 3-phase, 50Hz
- Starting method: Variable Frequency Drive
- Direction of rotation: Bi-directional

All the motors shall be supplied with bearings suitable for VSD operation. The bearings shall therefore be insulated units. The cable terminal box of the motor must be fitted on top of the motor. The earthing terminal shall be externally mounted on the motor frame below the terminal box.
The motors shall be painted with high gloss enamel to SABS 630 (Grade 1): Colour – Air Craft Grey to SABS 1091 No. G 35.

Factory Data Sheets

The Bidder shall submit at part of the offer complete factory data sheets of the units offered.

Information Plates

Each motor shall be fitted with **identification labels as per DIN EN 19** fastened to them in such a manner as to not unbind during transport or on-site installation. These identification labels shall, at least, include the:

- Motor make & model
- Best efficiency flow & pressure
- Rate shaft power
- Rated current
- 50Hz full-load operating speed
- Motor mass
- Serial number

Supporting Literature

All offers shall include detailed supporting literature to enable Namwater to evaluate the conformity to specification.

Offers with insufficient details or information will not be considered.

An offer will be disqualified if the following information is not included with the offer:

- Motor information in SI units
- Comprehensive motor datasheet to substantiate all performance specifications

- To-scale sectional drawings showing relevant dimensions of the motor
- Pump/motor coupling data sheets

MOTOR PERFORMANCE & VIBRATION TESTING

Performance Testing

All motors shall be subjected to a performance test (heat-run) according SABS standards. The test certificate shall include 3 phase Voltage readings, three phase current readings, input power, output power, bearings temperature and windings readings every 15 min's for a total continuous period of 4 hours.

Vibration Testing

Vibration analysis shall be performed on all the motors to be tested. Vibration shall be measured in velocity (mm/s) peak values, on each bearing cap in the horizontal, vertical and axial direction and shall comply with the following levels:

Parameter	Value
Overall vibration level	2.4 mm/s
1 – 600 CPM	0.5 mm/s
600 – 4800 CPM	2.5 mm/s
4800 – 12000 CPM	2.0 mm/s
12000 – 120 000 CPM	0.5 mm/s

The manufacturer shall supply a test certificate for each motor.

Pump/Motor Couplings

The pump/motor coupling shall be suitable for connecting the shaft of the offered motors to the offered pumps at the rated operating speed. The preferred pump/motor coupling is a Fenner Fenaflex tyre coupling for direct coupling.

A cover should also be supplied and fixed to the base frame for the shaft coupling as per factory safety standards.

Description	Technical & Performance Data
Type of prime mover, or driving m/c	AC Electric Motor
Electric motor starting arrangement	Direct on line (D.O.L) or VSD
Rotational speed of prime mover	1500 rpm
Power rating of prime mover	~ 45kW
Type of coupled machine	Hydraulic Pump

Hours/day duty & start/stop frequency	Class 1 with over 20 hour operation
Coupling guard	Colour - Light Orange to SABS 1091 No.B26.

Pump set base Frame

The pump-motor unit shall be suitable for installation on a steel base frame, also to be manufactured and supplied by the Bidder. **Provision for pump/motor alignment for vertical and horizontal movements should be done when designing the base frame.**

The base frame extents shall not exceed 1750mm long x 750mm wide, and the height from the bottom of the base frame to the top of the pump suction pipe shall be **522mm ±2mm**. The inlet flange face of the pump shall overhang the edge of the base by 15mm ± 5mm. Four slots shall be located on the lower flange on either side of the base frame to fix it to the base block. These shall measure 60mm x 18mm. The centre of the first slot shall be 70mm from the edge of the base as measured from the pump inlet side. The centre of the second, third and fourth slots shall be 440mm, 840mm and 1240mm from the same edge respectively.

Further requirements for the base frame are summarized in the table below.

Description	Technical & Performance Data
Material	Mild steel
Primer	Two coats of metal primer
Colour	Black enamel high-gloss paint
Lifting Points	Four Points, the pre-assembled unit must not tilt in any direction.
Motor alignment adjusting bolts	Adjusting bolts to be fitted on the motor side for movement of motor on the horizontal plain (Sideways & back/forth).

Delivery

The manufacturer shall indicate any special requirements with regard to the handling and installation of the pump-sets. The packing of the units shall be of sufficient quality and design as to protect the equipment against any undue damage or stresses during transportation.

Each pump set to be delivered, fixed & aligned with coupling and coupling cover in place on top of the base frame.

Delivery will only be deemed complete if NamWater received the following documentation, certified by the manufacturer for a pump-set (pump + motor):

- A complete operating manual including technical information of all equipment supplied
- A workshop/maintenance manual containing detailed tolerances and clearances required for servicing
- Datasheets indicating the make and type of bearings installed

- A guide to troubleshooting
- A sectional view of the pump and motor with parts list including the predicted life of parts subject to wear
- Pump and motor performance certificates at the Motor Rated Speed

The above data shall be submitted in PDF format and one hard copy for each unit. No payment will be made unless all documentation has been received. **All offers shall include detailed supporting literature to enable Namwater to evaluate the conformity to specification**

Technical Information

Note that supporting data shall be attached to verify the data entered in the schedule of technical information. Failure to attach the supporting data and/or complete the schedule of technical information will result in disqualification. Only referring to attached data sheets instead of completing the schedule of technical information will result in disqualification

END-SUCTION PUMPS

General Information

Description	Details
Make of pump	
Model of pump	
Country of manufacture	
Weight [kg]	
Impeller type	
Method of impeller mounting	
Fitted Impeller diameter [mm]	
Full size impeller diameter [mm]	
Mechanical seal make	
Designation of mechanical seal	
Type & designation of bearings	
Bearing replacement interval	
Pump/motor coupling type	
Pump/motor coupling make	
Direction of rotation when viewed from drive-end side	

Performance Information

Description	Unit	Details
Rated operating speed with installed impeller at primary duty point	r/min	
Best Efficiency flow rate at rated operating speed with installed impeller	m^3/h	
Minimum allowable continuous operating speed	r/min	
Maximum ramp time from 0 rpm to minimum allowable continuous operating speed	seconds	
Maximum ramp time to 0 rpm from minimum allowable continuous operating speed	seconds	
Pump shut-off head with installed impeller	mWh	
Minimum allowable continuous flow rate at rated operating speed	m^3/h	
Maximum allowable continuous flow rate at rated operating speed	m^3/h	
Maximum power absorbed at any point on the H-Q curve at rated speed with the installed impeller	kW	
Maximum power absorbed at any point on the H-Q curve at full speed (50Hz) with the installed impeller	kW	

Components Materials

Material of:	Details
Bearings	
Body sealing	
O-ring	
Internal coating	
External coating	

Pipework Connection Flanges

		Suction	Discharge
Description	**Unit**	**Details**	
Size			
Table/Class			
Number of holes			
Bolt hole size	mm		
PCD	mm		
Flange thickness	mm		
Flange outside diameter	mm		

Performance & Vibration Testing

Description	**Details**
Where are performance & vibration tests carried out?	
Who will carry out the performance & vibration testing?	
Can vibration tolerances be met? If not, specify deviation from specifications	Yes/No

ELECTRIC INDUCTION MOTORS

General Information

Description	Details
Make of motor	
Model of motor	
Country of manufacture	
Poles	
Weight [kg]	
Range type	
Frame size	
Impregnation vacuum	
Insulation class	
Enclosure protection	
Temperature rise	
Supply frequency	
Duty	
Service factor	
Connection	

Performance Information

Description	Details
Maximum operating altitude at rated output and **40°C**	
Maximum allowable ambient temperature at rated output and **1650m amsl**	
Rated voltage	
Rated speed	
Rated current	
Efficiency - 100%	
Efficiency - 75%	
Power factor - 100%	
Power factor - 75%	
No load current	
Rated torque	
Locked rotor torque	
Breakdown torque	
Locked rotor current	
Locked rotor time-hot	
Locked rotor time-cold	

Mechanical Information

Description	Details
Rotor inertia	
Bearing DE	
Bearing NDE	
Re-greasing interval DE	
Re-greasing interval NDE	
Grease Qty. – DE	
Grease Qty. – NDE	
Terminal box position	
Cable entries	
Shaft diameter	
Shaft extension	

PUMP/MOTOR COUPLING

General Information

Description	Details
Name and type of coupling	
Coupling cover included	Yes/No
Colour of coupling cover	
Required distance between shaft ends	

BASE FRAME

General Information

Description	Details
Structural Combinations & Material	
Primer	
Colour	
Lifting points included	
Motor alignment adjusting bolts included	Yes/No
Alignment will be done on base frame before shipment of equipment	Yes/No

Deviations / Suggested Alterations from/to Specifications (Section III)

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Lot 2: Valves

Procurement Reference Number: **G/RFQ/NW-010/2023**

GENERAL

These specifications required are a supplement to the relevant **SANS** specifications (unless stated otherwise) and will in no way relieve the supplier of the requirements of the relevant specifications.

For coating purposes, "internally" shall refer to surfaces contacting the pumping medium, and "externally" shall refer to surfaces not contacting the pumping medium.

All butterfly valves and gate valves shall be clockwise closing. All butterfly valve disk drive shaft torque requirements shall be included in the supporting literature.

Where "superior stainless steel" or "superior grade stainless steel" is specified, the term "superior" refers to corrosion resistance.

Where "Hot Dip Galvanized (HDG)" is specified, Hot Dip Galvanizing shall be done according to SABS ISO 1461:1999. Prior to galvanizing steel surfaces shall be blast clean SABS 064 and the final finishing shall comply with S.I.S. 05 5900 grade Sa 2.5. Zinc plating shall not be acceptable, and shall be grounds for rejection.

Considering that the same Make and Model of items will not necessarily be offered for the same listed item across all size and pressure ranges, Bidders shall complete a Technical Compliance Sheet for every different Model of items offered. Supporting literature for every Model of items offered shall therefore also be attached.

Bidders are encouraged to submit primary and alternative offers provided that the offers are in full compliance with the technical specifications, and that supporting literature verifying compliance is submitted.

Bidders are requested not to submit offers for items not complying with the technical specifications or where supporting literature cannot be supplied to verify compliance, specifically with regards to coating requirements, drinking water certifications / approvals, and construction / operational specifications.

BUTTERFLY VALVE GEARBOXES

All butterfly valves will be offered with bare shafts. Gearboxes, as specified, will be offered separately to suit each butterfly valve offered. Where NamWater requires gearbox operated valves, each valve shall be supplied with its gearbox ready fitted with the gearbox end-stops set and locked before shipment. Offers for gearboxes shall therefore include fitment and preparation. 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.

NamWater reserves the right to disqualify offers for valves where gearbox operated valves are required and the gearboxes offered are determined to be substandard, yet the valves are fully technically compliant.
The gearbox shall be fitted to the valve gearbox mounting flange with the hand wheel shaft perpendicular to the valve disk drive shaft.
External and mounting fasteners shall be stainless steel 316 (A4).
Unless agreed upon at a later stage, NamWater will not require a successful Bidder to supply a gearbox only at the offered price.

WAFER-TYPE BUTTERFLY VALVES WITH FIXED / VULCANISED EPDM LINER

The valves shall be installed as isolation valves for raw and potable water applications.

DOUBLE FLANGED MEMBRANE-TYPE NON-RETURN VALVES

The valves shall be required to prevent backflow in potable water applications. The valves will be used where mechanical closing system non-return valve best installation practices cannot be adhered to. Valves may therefore experience:

- Very low flow velocities
- Not fully developed flow (close to pump discharges and throttling valves)

NOZZLE-TYPE NON-RETURN VALVES

The valves shall be required to prevent backflow in potable water applications and raw water applications with low silt concentrations.

All valves shall be of the axially opening, radially guided, silent closing, nozzle-type. Dual plate (double door), tilting / swing disk type non-return valves will not be accepted.

SUPPORTING LITERATURE

Delivery will only be deemed complete if NamWater received the following data, certified by the manufacturer:

- A complete operating manual including technical information of all equipment supplied.
- A workshop/maintenance manual containing detailed tolerances required for servicing.

The above data can be submitted in PDF software format.

Technical Information Authorized by:

Name:		Signature:	
Position:		Date:	
Authorized for and on behalf of:		Company	

SECTION V: SPECIFICATIONS AND COMPLIANCE SHEET

Lot 1: Pumps

Failure to complete the Technical Compliance Sheet below shall result in disqualification. Authorise the specification offered in the signature block below.

Procurement Reference Number: **G/RFQ/NW-010/2023**

Item No	Technical Specification Required	Technical Specification Offered	*Offer Complies*	
			Yes	***No***
A*	***B****	***C***	***D***	***E***
1. Pumps	≥ 50mWh total dynamic head generated with installed impeller at primary duty flow ($145m^3/h$)			
	Operating speed < 1500 RPM			
	Efficiency at primary duty point at least 71%			
	Q/Q_{BEP} between 85% and 110% at duty point			
	NPSH required at primary duty point no more than 4mWh			
	Performance testing done according to ISO 9906 Gr. 2B			
	Performance tolerance acceptance according to ISO 9906 Gr. 2B for flow, total head, efficiency, and $NPSH_R$ at the primary and secondary duty points			
	Pump construction as specified (flexible coupled horizontal end-suction pump)			
	Volute Casing of Grey/Ductile Cast Iron			
	Discharge Cover of			

Item No	Technical Specification Required	Technical Specification Offered	*Offer Complies*	
			Yes	***No***
A*	***B****	***C***	***D***	***E***
	Grey/Ductile Cast Iron			
	Cooling Cover of Grey/Ductile Cast Iron			
	Bearing Bracket and Pedestal of Grey/Ductile Cast Iron			
	Shaft of Stainless Steel 316 or superior			
	Shaft Sleeve of stainless steel			
	Impeller of stainless steel CF8M (316)			
	Casing Wear Ring (Suction and Discharge side) of Grey/Ductile Cast Iron or Bronze			
	Internal/External Fasteners and Impeller Nut of stainless steel 316 or superior			
	Pump supporting literature included as specified			
	Rotating elements dynamically balanced to at least ISO 1940/1 G6.3			
	Vibration testing conducted as specified			
	Vibration acceptance tolerances as specified			
2. Motors	Design, manufacture, and rating in accordance with SANS 1804-1/2/IEC 60034-1 for TEFC motors			

Item No	Technical Specification Required	Technical Specification Offered	*Offer Complies*	
			Yes	***No***
A*	***B****	***C***	***D***	***E***
	45kW rated output at 50Hz, 1,650m amsl, and -10°C to 40°C			
	Performance testing conducted as specified			
	IE 3 supreme efficiency			
	Enclosure at least IP 55 rated			
	Cooling method IC 411			
	Insulation class H			
	Temperature rise class B			
	Foot mount B3			
	Fabricated mild steel or cast iron frame			
	400V AC ± 10% , 3-phase, 50Hz power supply			
	Suitable for VSD operation			
	Bi-directional			
	Motor construction as specified			
	Vibration testing conducted as specified			
	Vibration acceptance tolerances as specified			
3.	Base frame constructed as specified and to suit offered pump / motor installation & operation without affecting any warrantees			

Literature:

Description	Attached	Not Attached
Hydraulic datasheet showing: • H-Q, power, efficiency and NPSHr curves at rated operating speed with rated impeller(s) • H-Q, power, efficiency and NPSHr curves at maximum operating speed with rated impeller(s) • Minimum continuous allowable flow rate		
Performance test grade		
Pump datasheet showing: • Materials of construction		
General arrangement / installation drawings		
Mechanical seal datasheet		
Pump / motor coupling datasheet		
Pump rolling element bearing datasheets		
Motor datasheet showing: • IE Rating • Allowable ambient conditions • Enclosure IP rating • Insulation class • Temperature rise class		

Deviations / Suggested Alterations from/to Specifications

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Lot 2: Valves

Procurement Reference Number: **G/RFQ/NW- 010/2023**

Failure to complete the Technical Compliance Sheet below shall result in disqualification. Authorise the specification offered in the signature block below.

Make and model offered Item 1:_____

Make and model offered Item 2:_____

Table 1: PN10 WAFER-TYPE BUTTERFLY VALVES WITH FIXED/VULCANIZED EPDM LINER

Item No	Technical Specification Required	Technical Specification Offered	*Offer Complies*	
			Yes	*No*
A*	***B****	***C***	***D***	***E***
1-2	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, basic series 20 / ISO 5752 series 20.			
	The valve disks shall be driven by means of a profiled shaft (splines, keyed, square			

Item No	Technical Specification Required	Technical Specification Offered	*Offer Complies*	
			Yes	*No*
A*	***B****	***C***	***D***	***E***
	etc.). Valves with pinned disk/shaft connections will not be accepted.			
	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 valves shall operate satisfactorily and reliably under a flow velocity of 3m/s.			
	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.			
	The gearbox enclosure shall have an Ingress Protection rating of IP67 as defined by EN 60529.			

Make and model offered Item 3:_____

Table 2: PN10 DOUBLE FLANGED EPDM MEMBRANE-TYPE NON-RETURN VALVES

Item No	Technical Specification Required	Technical Specification Offered	*Offer Complies*	
			Yes	*No*
A*	***B****	***C***	***D***	***E***
	Non-return valves shall be of the membrane type that **does not** incorporate a perforated metal plate for membrane/diaphragm 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 (in terms of corrosion resistance).			
	All components other than stainless steel, brass or bronze components shall internally and externally epoxy or polyamide coated.			
	Dimensional drawings of all valves shall be submitted.			
	Head loss curves of all valves shall be submitted.			

Make and model offered Item 4:_____

Table 3: PN10 DOUBLE FLANGED NOZZLE-TYPE NON-RETURN VALVES

Item No	Technical Specification Required	Technical Specification Offered	*Offer Complies*	
			Yes	*No*
A*	***B****	***C***	***D***	***E***
4	The valves' closing system shall be of the axially opening radially guided disk type.			
	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)			
	Valve bodies shall be ductile cast iron, stainless steel 316 (CF8M) or superior grade stainless steel (in terms of corrosion resistance).			
	Valve disks shall be ductile cast iron, stainless steel 316 (CF8M) or superior grade stainless steel (in terms of corrosion resistance).			
	Valve stems (if applicable) shall be bronze, stainless steel 316, 420, 430F, 431, duplex or equivalent (for any specified) in terms of corrosion resistance.			
	Disk springs shall be stainless steel 316 or superior grade stainless steel (in terms of corrosion resistance).			
	The valves shall operate fully open and otherwise satisfactorily down to at least $70m^3/h$ in a horizontal orientation.			
	The critical velocity shall be explicitly stated in the OEM datasheet or clearly evident in the head loss curve.			
	The pressure drop across the valve at $170m^3/h$ shall be less than 1.0mWh.			
	Dimensional drawings of all valves shall be submitted.			

Item No	Technical Specification Required	Technical Specification Offered	*Offer Complies*	
			Yes	*No*
A*	***B****	***C***	***D***	***E***
	Head loss curves of all valves shall be submitted.			

Specifications and Compliance Sheet Authorised by:

Name:		Signature:	
Position:		Date:	
Authorised for and on behalf of:		Company	

All bids should be accompanied with detailed supporting literature for the pumps, couplings and motors to enable NamWater Ltd to evaluate the conformity to specification and include additional features.

NOTE:

Bidder will be disqualified if this information is not included in the bid documents. Only original documentation is acceptable and faxed copies of literature are unacceptable. Information supplied in an electronic format will be accepted if in PDF format on a CD.

SECTION VI: GENERAL CONDITIONS OF CONTRACT AND CONTRACT AGREEMENT

Any resulting contract shall be placed by means of a Purchase Order/Letter of Acceptance and shall be subject to the General Conditions of Contract (GCC) for the Procurement of Goods (Ref. **G/RFQ-GCC**) available at Namibia Water Corporation Ltd., physical address, 176 Iscor Street, Aigams Building, Windhoek, except where modified by the Special Conditions below

SECTION VI: CONTRACT AGREEMENT

Any resulting contract shall be placed by means of a Purchase Order/Letter of Acceptance and shall be subject to the General Conditions of Contract (GCC) for the Procurement of Goods except where modified by the Special Conditions below.

SECTION VIII: SPECIAL CONDITIONS OF CONTRACT

Procurement Reference Number: **G/RFQ/NW-010/2023**

The clause numbers given in the first column correspond to the relevant clause number of the GCC.

Subject and GCC clause reference	Special Conditions
Site **GCC 1.1(m)**	The Site/final destination for delivery of the Goods is **176 Iscor Street NamWater at the Aigams Building, Northern Industrial Area in Windhoek**
Incoterms Edition **GCC 4.2(b)**	Incoterms shall be governed by the rules prescribed in Incoterms 2010.
Notices **GCC 8.1**	Any notice shall be sent to the following addresses: For NamWater Ltd the address and the contact name shall be: Procurement Management Unit (Tel: +264 61 71 2009), E-mail: bids@namwater.com.na Private Bag 13389 Windhoek, Namibia For the Supplier, the address and contact name shall be: _____

Subject and GCC clause reference	Special Conditions
Delivery and Documents **GCC 13.1**	The Goods are to be delivered within **26 weeks** from the date of Purchase Order or Letter of Acceptance. The documents to be furnished by the Supplier are: (a) signed delivery note; (b) Invoice
Terms of Payment **GCC 16.1**	The structure of payments shall be: full payment following delivery of the Supplies and submission of an invoice and the documents listed in clause 13.1
Terms of Payment **GCC 16.3**	Payments shall be made not later than thirty days after submission of an invoice and its certification by the Purchaser. Payment will only be made if all the delivered items are to specifications
Terms of Payment **GCC 16.4**	The currency of payment shall be the currency of order specified in the List of Goods, Price Schedule and Product details in the Statement of Requirements.
Packing **GCC 23.2**	The packing, marking and documentation within and outside the packages shall be: Addressed to NamWater and the Procurement reference No. clearly marked. Good should be in protective packaging for safety.
Transportation **GCC 25**	The Goods shall be delivered: **Delivery Duty Paid (DDP)**
Inspection and Tests **GCC 26.**	NamWater will inspect all items upon delivery to ascertain if dimensions, pressure flange rating and coating are correct. NamWater will not send a technical person to go inspect the items at the factory, the onus thus rest with the supplier to ensure that all items are to specifications before delivery is made to NamWater. Payment will only be made if all the delivered items are to specifications.
Liquidated Damages **GCC 27**	Liquidated damages for the whole contract are 0.5% per day. The maximum amount of liquidated damages for the whole contract is 10% of the final contract price.

Subject and GCC clause reference	Special Conditions
Warranty **GCC 28.3**	The warranty period shall be 18 months from date of delivery or 12 months from date of commissioning, whichever occurs first. The Supplier shall rectify, free of charge, any defects developing under proper use and arising solely from faulty materials, faulty designs, faulty workmanship and unacceptable deviation from performance criteria as specified in this document. Should any repairs, rectifications and/or component replacements be conducted as warrantee claims, the warrantee period shall be extended equal to the duration required to complete the respective repairs, rectifications and/or component replacements as measured from the date of the claim submission until delivery to NamWater. All components affected by any repairs, rectifications and/or component replacements conducted as warrantee claims, shall, following the repair, rectification and/or component replacement, remain under warrantee for 12 months after delivery to NamWater or 6 months after reinstallation and commissioning, whichever occurs first. The Supplier shall transfer the benefit of any and all periods of warrantee by the manufacturer of the equipment, which may be un-expired at the end of the above warrantee period (s), to NamWater.
Repair and Replacement **GCC 28.5**	The period for repair or replacement shall be as soon as is reasonably practicable, but shall not exceed the offered delivery period.

SCHEDULE 1

QUOTATION CHECKLIST SCHEDULE

Procurement Reference No.: G/RFQ/NW-010/2023

Description	Attached	Not Attached
Quotation Letter		
List of Goods and Price Schedule		
Specifications Compliance Sheet		
Evidences for conformity of Goods		
Valid company Registration Certificate Copy from **Ministry of Trade and Industry**		
Original valid good standing Tax Certificate from **Inland Revenue** or a valid certified copy of an original certified by the Namibian Police of good standing Tax Certificate		
Original valid good Standing Certificate from **Social Security Commission or** a valid certified copy of an original certified by the Namibian Police of good standing Tax Certificate		
Valid Affirmative Action Compliance Certificate, proof from **Employment Equity Commissioner** that bidder is not a relevant employer, or exemption issued in terms of Section 42 of the Affirmative Action Act, 1998;		
Supporting information/literature.		