



Request for Quotations For Goods

Supply and Delivery of Vertical Multistage Pump-sets c/w motor, frequency converter, control cabinet and base frames for Goblenz New Reservoir Phase 2

Procurement Reference No: G/RFQ/ NW-006/2026

Name of Bidder		
Contact Person		
E-mail Address		
Postal Address		
Total Amount (Excl. VAT)		
Contact Phone number	Work:	Mobile:

Documents must be posted / delivered to:

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, 22 May 2025 at 11h00
NO LATE BIDS WILL BE ACCEPTED!**

NOTICE TO BIDDERS

- Please take note of initializing all pages of the standard bidding document and initial all the supporting documents including company profiles, brochures, etc.**
- Take note to sign all relevant pages as stipulated in the bidding standard document.**

Copies of documents not 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) will not 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-006/2026

29 April 2025

Dear Bidder,

Supply and Delivery of Vertical Multistage Pump-sets c/w motor, frequency converter, control cabinet and base frames for Goblenz New Reservoir Phase 2

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 certified copy (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)), of a full valid company Registration Document;
- (b) Have an original or a certified copy (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)), of a valid Good Standing Tax Certificate, as certified by the Commissioner of Oath.
- (c) Have a valid good Standing Social Security Certificate,
- (d) Have a valid certified copy (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)), of 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 or a valid certified copy of the original document, as certified by the Commissioner of Oath;
- (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.

- (g) Supporting information/literature for all the items offered to substantiate compliance, where applicable.
- (h) A Bidder that is under a declaration of ineligibility by the Government of Namibia in accordance with applicable laws at the date of the deadline for bid submission or thereafter, shall be disqualified.

Bids from service providers appearing on the ineligibility lists of African Development Bank, Asian Development Bank, European Bank for Reconstruction and Development, Inter-American Development Bank Group and World Bank Group shall be rejected.

Links for checking the ineligibility lists are available at:

- Republic of Namibia, Procurement Policy Unit

<https://egp2.gov.na/forms/SearchSuspendedBidders.jsf>

- African Development Bank

<https://www.afdb.org/en/projects-operations/debarment-and-sanctions-procedures>

- Asian Development Bank

<http://lnadbg4.adb.org/oga0009p.nsf/sancALLPublic?OpenView&count=999>

- European Bank for Reconstruction and Development

<http://www.ebrd.com/pages/about/integrity/list.shtml>

- Inter-American Development Bank Group

<http://www.iadb.org/en/topics/transparency/integrity-at-the-idb-group/sanctioned-firms-and-individuals,1293.html>

- World Bank Group

<http://www.worldbank.org/en/projects-operations/procurement/debarred-firms>

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 **16 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:

- 4.1. 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 22 May 2025 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.

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 of complete items will be allowed.

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-006/2026
Subject matter of Procurement:	Supply and Delivery of Vertical Multistage Pump-sets c/w motor, frequency converter, control cabinet and base frames for Goblenz New Reservoir Phase 2

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.*

2.2	HDG Base frame	1	Each					
SUB-TOTAL								
TOTAL BID OFFER								
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

4.1 GENERAL

This RFQ calls for the Supply and Delivery of:

- Two (2) Inline Vertical multistage pump-set c/w 22kW motor, frequency converter and wall-mounted control cabinet
- Two (2) Inline Vertical multistage pump-set c/w 3kW motor, frequency converter and wall-mounted control cabinet
- Two (2) hot dip galvanized base frames

4.2 OPERATION CONDITIONS

The pump-sets will be installed inside a building. Ambient temperatures of up to 45°C. The maximum allowable operating altitude of the motors shall be 1650 m above sea level. The pump set units shall be suitable for VFD operation.

The motors will be driven by variable frequency drives. Start-up frequencies will range between 0Hz and 50Hz. Normal operating frequencies will range between 25Hz and 50Hz.

4.3 PUMPS

The pump-motor unit shall be a close-coupled vertical multistage pump complete with a squirrel-cage motor suitable for vertical installation. The pumps shall be centrifugal type with in-line suction and discharge flanges located near the base of the pump.

The pump/motor units shall not have a critical vibration speed within the specified operating range.

4.3.1 Pump Stages

All impeller and diffuser vanes shall be continuously weld along the full length of the vane.

4.3.2 Shaft Seals

Shaft sealing on the pump shall be by means of a high-quality mechanical seal suitable for potable water with a maximum of 2ppm chlorine content.

Only mechanical seals from the following manufacturers will be acceptable:

- AESSEAL®

- EagleBurgmann®
- Flowserve®
- John Crane®

4.3.3 Pump Performance & Efficiency

The pump/s shall be selected to operate at 50Hz. Detailed pump curves at the rated motor speed shall be included in the offer.

The following information, detailed in SI units, must be included as part of the offer:

- A Pump Head vs. Flow curve,
- NPSH vs. Flow curve.
- Efficiency vs. Flow curve,
- Pump Power consumption vs. Flow curve.

NamWater reserves the right to fully reject the offer on failure of the tenderer to submit this information.

Lot 1:

The pump H-Q curve shall pass through the following duty point at the reduced/rated speed:

50m³/h @ 87mWh

The standard factory pump efficiency at the duty point shall be no less than **75%**. The flow ratio (Q/Q_{BEP}) at the duty flow shall be between **85%** and **105%**.

The NPSH required at the duty point shall be no more than **4mWh**.

Lot 2:

The pump H-Q curve shall pass through the following duty point at the reduced/rated speed:

21m³/h @ 18mWh

The standard factory pump efficiency at the duty point shall be no less than **70%**. The flow ratio (Q/Q_{BEP}) at the duty flow shall be between **70%** and **100%**.

The NPSH required at the duty point shall be no more than **2mWh**.

The pumps shall be tested according to either **ISO 9906 Grade 2B** or **ISO 9906 Grade 3B** and comply with the tolerance limits as stated in ISO 9906 Grade 2B or ISO 9906 Grade 3B respectively. Factory test certificates are required for all pumps supplied. The pump tests will include a set of stable readings as confirmation of the flow versus head, power, efficiency and NPSH characteristics. The Manufacturer shall guarantee all performance and efficiency claims.

Offers for units guaranteed to perform within the tolerances prescribed by ISO 9906 Grade 2B shall receive preference over those for units guaranteed to perform within the tolerances prescribed by ISO 9906 Grade 3B.

4.3.4 Materials

The parts indicated shall be constructed of the following materials:

Pump housing (head & base)	:	Cast Iron / Stainless Steel
Pump shaft	:	Stainless Steel 303/304/316/329/431
Bolts & nuts	:	Stainless Steel 304/316
Impellers	:	Stainless Steel 304/316
Intermediate chambers	:	Stainless Steel 304/316
Painting (except stainless parts)	:	Epoxy Coating
Suction flange drilling	:	SABS 1123
Discharge flange drilling	:	SABS 1123

Sectional drawings (showing component details), dimension sheets and material specifications shall be included as part of the offer.

4.4 ELECTRIC MOTORS WITH BUILD-IN FREQUENCY CONVERTOR

The electric induction motors 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:

Type:	Squirrel cage, 2-pole or 4-pole
Efficiency Class:	IE3
Duty:	S1
Type of Enclosure:	Minimum IP55
Method of Cooling:	IC 411, totally enclosed fan cooled (TEFC)
Method of Mounting:	IM V1, on motor stool, flanged to pump head
Frame Size:	Motor to fit on pump stool

Power Supply:	400VAC± 10%, 3 phase, and 50Hz
Rated Output Power:	At least 110% of maximum pump shaft power required (at any point on the pump H-Q curve) at 50Hz.
Insulation Class:	Class F
Temperature Rise:	Class B under full load (rated motor output)
Starting Method:	VFD

The motors shall be suitable for full load continuous operation at 1650m above sea level (a.s.l.), an ambient temperature between -10 °C to 45 °C in open air under roof operation. No de-rating will be allowed within the above-mentioned operation conditions.

4.5 COUPLING & COUPLING GUARD

The pump and electric motor shall be direct coupled. All screws, bolts and pins shall be stainless steel 304 (A2) or superior.

The pump/motor coupling shall be covered by a standard stainless steel coupling guard complying with the Factories, Machinery and Building Works Regulations.

4.6 VIBRATION TESTING

The supplier will perform vibration testing of the pump-sets in accordance with **H.I. standards** at rated design condition. **These results shall be supplied to NamWater before shipping the units.**

The testing shall be continuous for the duration of the performance test and shall give overall vibration level and full frequency analysis of the set's vibration level at the various performance test points. Tri-axial readings shall be made at each point of the pump set bearings and the following minimum values will be allowed:

Parameter	Value
Overall vibration level	2.4 mm/s
First harmonic frequency	2.2 mm/s
Second harmonic frequency	1.25 mm/s
Third harmonic frequency	1.0 mm/s
First vane pass frequency at duty point	1.5 mm/s
Bearing defect frequencies	none

Failure of the pumps to meet these limits will result in the rejection of the units where after the Suppliers shall correct the faults and arrange for further testing at the Supplier's cost.

4.7 INFORMATION PLATES

Each pump/motor unit shall be fitted with **identification labels as per DIN EN 19** clearly marked with the following minimum information:

- Pump & Motor make & model
- Best efficiency point
- Operating point
- Power required at operating point
- Operating speed at 50 Hz
- Total weight

4.8 BASE FRAMES

The pump-motor unit shall be suitable for installation on a HDG steel base frame, also to be manufactured and supplied by the Bidder.

The attached drawings shows the proposed dimensions of the base frames. The dimensions provided ensure that the pumps are correctly located and that the base frames can be mounted onto the existing base blocks. It is however the responsibility of the Bidder to ensure the base frame design and manufacturing complies with all requirements specified by the pump manufacturer. Should the manufacturers specifications not fall within the parameters provided by NamWater, the Bidder must consult NamWater in order for a solution to be agreed upon.

The base frame design MUST be submitted to NamWater for approval prior to manufacturing.

Note: Lot 1 includes only 2 pumps, however, the base frame design provides for 3 pumps to ensure a third pump can be added to the same base frame in future.

All steel surfaces shall be blast clean to SABS 064 and the final finishing shall comply with S.I.S. 05 5900 grade Sa 2.5. before galvanizing.

Items shall be hot dip galvanized to SABS ISO 1461:1999. The average galvanizing layer thickness shall furthermore not be less than 150 micron and the minimum thickness at any spot not less than 100 micron.

4.9 WALL-MOUNT CONTROL CABINET PERFORMANCE AND CONSTRUCTION REQUIREMENTS

The control unit shall be rated to at least the maximum current rating of the driven motors, and be designed and manufactured in accordance with the pump-set manufacturer's standards, with specific reference to the following requirements:

- Cabinet enclosure rating: IP54 minimum
- Power supply: 400V AC \pm 10%, 3-phase, 50Hz \pm 5%,
- Ambient temperature: 0 – 40 °C
- Cabinet mounting: Wall
- Electro-magnetic compatibility: EMC certificate – Control MPC 1 (2007)

The control unit shall furthermore provide for:

- Constant and proportional pressure control
- Dry running protection
- Modbus communication protocol

4.10 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 and the pump.
- Pump/motor coupling data sheets

4.11 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.

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

- 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 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.

Technical Information Authorized by:

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

SECTION V: SPECIFICATIONS AND COMPLIANCE SHEET

Failure to complete the Technical Compliance Sheet below shall result in disqualification. The exact specification of the offered item must be indicated in Column C and then either Column D or E must be marked to indicate whether the offered specification complies with the required specification. **Writing “Comply”, any variation or synonym of comply in Column C is not acceptable and is grounds for disqualification.**

Authorise the specification offered in the signature block below.

Performance Requirements and Technical Specifications Compliance Verification

5.1 SPECIFICATIONS

LOT 1

Pump	Technical Information
Make	
Model	
Country of manufacture	
Total mass of pump/motor unit (kg)	
Number of stages	
Suction flange size and pressure class	
Discharge flange size and pressure class	
Min. allowable continuous flow rate @ 50 Hz	
Max. allowable continuous flow rate @ 50 Hz	
Min. allowable continuous speed	
Min. allowable continuous flow rate @ Min. allowable continuous speed	
Minimum ramp time from 0 rpm to minimum allowable continuous speed	
Allowable number of starts per hour	
Power absorbed at Duty Point	
Max. power absorbed @ 50 Hz (At any point on the flow curve)	
Operating speed @ 50Hz	
Pump Construction Materials	

Pump housing (head & base)	
Pump shaft	
Fasteners	
Impellers	
Intermediate chambers	
Painting (except stainless parts)	
Suction and Discharge flange drilling	

Motor	
Technical Information	
Description	Details
Make & Model	
Type	
Country of manufacture	
Frame size	
Rated Output	
Pole	
Rated Voltage	
Rated Speed	
Rated Current	
Efficiency - 100%	
Efficiency - 75%	
Power factor - 100%	
Power factor - 75%	
Mechanical Information	
Description	Details
Rotor inertia	
Bearing DE	
Bearing NDE	
Re-greasing interval DE	
Re-greasing interval NDE	
Grease Qty. – DE	
Grease Qty. – NDE	

LOT 2

Pump	Technical Information
Make	
Model	
Country of manufacture	
Total mass of pump/motor unit (kg)	
Number of stages	
Suction flange size and pressure class	
Discharge flange size and pressure class	
Min. allowable continuous flow rate @ 50 Hz	
Max. allowable continuous flow rate @ 50 Hz	
Min. allowable continuous speed	
Min. allowable continuous flow rate @ Min. allowable continuous speed	
Minimum ramp time from 0 rpm to minimum allowable continuous speed	
Allowable number of starts per hour	
Power absorbed at Duty Point	
Max. power absorbed @ 50 Hz (At any point on the flow curve)	
Operating speed @ 50Hz	
Pump Construction Materials	
Pump housing (head & base)	
Pump shaft	
Fasteners	
Impellers	
Intermediate chambers	
Painting (except stainless parts)	
Suction and Discharge flange drilling	

Motor	
Technical Information	
Description	Details
Make & Model	
Type	
Country of manufacture	
Frame size	
Rated Output	
Pole	
Rated Voltage	
Rated Speed	
Rated Current	
Efficiency - 100%	
Efficiency - 75%	
Power factor - 100%	
Power factor - 75%	
Mechanical Information	
Description	Details
Rotor inertia	
Bearing DE	
Bearing NDE	
Re-greasing interval DE	
Re-greasing interval NDE	
Grease Qty. – DE	
Grease Qty. – NDE	

COMPLIANCE EVALUATION

Offers will be assessed on the basis of meeting the stipulated technical requirements stated in Section V (3). The offered pump-sets shall therefore comply with all stipulated technical specifications/requirements in the bidding document in order to be considered for further evaluation. Offers shall include supporting literature, substantiating compliance with the specifications/requirements. Non-compliance or insufficient supporting literature (technical compliance cannot be fully substantiated) shall result in disqualification from further evaluation and shall render an offer unresponsive.

LOT 1

Bidders shall submit a pump performance datasheet for the offered pump operating at 50m³/h @ 87mWh as generated by the Pump Manufacturer's Pump Selection Software. This datasheet shall include or explicitly indicate the following:

- Head vs. Flow (H-Q) curve passing through 50m³/h @ 87mWh
- Operating Speed
- Hydraulic Efficiency at 50m³/h @ 87mWh
- Hydraulic Efficiency vs Flow Curve
- NPSHr at 50m³/h @ 87mWh
- NPSHr vs Flow Curve
- Required Shaft Power vs Flow Curve
- Minimum allowable continuous flow rate for stable operation

If possible, the above datasheet should include the Best Efficiency Flow Rate or flow ratio (Q/Q_{BEP}) for ease of assessment of this criterion.

Bidders shall submit a pump performance datasheet for the offered pump operating at 50Hz as generated by the Pump Manufacturer's Pump Selection Software. This datasheet shall include or explicitly indicate the following:

- Head-Flow (H-Q) curve
- Operating Speed
- Hydraulic Efficiency vs Flow Curve
- NPSHr vs Flow Curve
- Required Shaft Power vs Flow Curve
- Maximum Required Shaft Power

Bidders shall submit a pump component materials list for the offered pump in any form produced by the Pump Manufacturer or their Pump Selection Software. This datasheet shall

explicitly indicate the materials of the following components of the offered pump:

- Pump Casing
- Impeller
- Shaft

Bidders shall check the applicable box below to indicate bearing lubrication details of the offered pump

- Oil lubricated
- Re-greaseable
- Permanently sealed / Sealed-for-life

Bidders shall check the applicable box below to indicate the make of the mechanical seal offered to be fitted to the offered pump

- AESSEAL®
- EagleBurgmann®
- Flowserve®
- John Crane®
- Offered Pump OEM Brand
- Other _____

Bidders shall check the applicable box below to indicate offered pump rotating assembly balancing standard

- ISO 1940/1 G6.3
- ISO 1940/1 G2.5
- Other _____

Bidders shall check box to indicate offered pump performance test and acceptance standard and grade

- ISO 9906 Gr. 2B
- ISO 9906 Gr. 1B
- Other _____

Bidders shall check box to indicate offered pump vibration level acceptance category

- ISO 10816-7 Category 2
- ISO 10816-7 Category 1
- Other

Bidders shall check the applicable box to indicate offered pump Allowable Operating Range (AOR) for the purposes of vibration testing and acceptance in terms of ISO 10816-7 . On condition that “Other” is selected, an OEM pump performance datasheet or operating manual confirming the AOR shall be submitted.

- AOR: 50% Q_{BEP} to 130% Q_{BEP} or Q_{max}
- Other

Bidders shall submit a motor performance datasheet for the offered motor. This datasheet shall include or explicitly indicate the following:

- Rated Motor Shaft Power
- Duty
- Service Factor
- Full Load 50Hz Operating Speed
- Voltage Tolerance
- 50%, 75% and 100% Load Efficiency or IE Rating
- Permissible Ambient Conditions for Full Load Operation
- ETD (PT100) Method Temperature Rise

Bidders shall submit a motor construction datasheet for the offered motor. This datasheet shall include or explicitly indicate the following:

- Enclosure Protection Rating (IP Rating)
- Mounting Method
- Cooling Method
- Enclosure IP Rating
- Insulation Class
- Poles
- Rotation
- VFD suitability

Bidders shall check the applicable boxes to confirm suitability and offered options for offered motors

- Suitable for VFD Operation
- Fitted with insulated NDE bearing

Bidders shall check the applicable box below to indicate offered pump rotating assembly balancing standard

- ISO 1940/1 G1.0
- Other _____

Bidders shall check box to indicate offered motor performance test standard

- IEC 60034-1
- IEC 60034-2
- 4-hour Heat-run
- Other _____

Bidders shall check box to indicate offered motor vibration acceptance level

- 2.5mm/s overall
- 0.5mm/s in the 1 – 600 CPM range
- 2.5mm/s in the 600 – 4,800 CPM range
- 2.0mm/s in the 4,800 – 12,000 CPM range
- 0.5mm/s in the 12,000 – 120,000 CPM range

Bidders shall submit a control unit datasheet for the offered control unit. This datasheet shall include or explicitly indicate the following:

- Rated Current
- Rated Voltage
- Mains Frequency
- Dry running protection capability
- Ambient temperature range
- Electro-magnetic compatibility
- Proportional pressure control capability
- Modbus communication protocol

Bidders shall submit a control cabinet construction datasheet for the offered control cabinet. This datasheet shall include or explicitly indicate the following:

- Enclosure Protection Rating (IP Rating)
- Mounting Method

LOT 2

Bidders shall submit a pump performance datasheet for the offered pump operating at 21m³/h @ 18mWh as generated by the Pump Manufacturer's Pump Selection Software. This datasheet shall include or explicitly indicate the following:

- Head vs. Flow (H-Q) curve passing through 21m³/h @ 18mWh
- Operating Speed
- Hydraulic Efficiency at 21m³/h @ 18mWh
- Hydraulic Efficiency vs Flow Curve
- NPSHr at 21m³/h @ 18mWh
- NPSHr vs Flow Curve
- Required Shaft Power vs Flow Curve
- Minimum allowable continuous flow rate for stable operation

If possible, the above datasheet should include the Best Efficiency Flow Rate or flow ratio (Q/Q_{BEP}) for ease of assessment of this criterion.

Bidders shall submit a pump performance datasheet for the offered pump operating at 50Hz as generated by the Pump Manufacturer's Pump Selection Software. This datasheet shall include or explicitly indicate the following:

- Head-Flow (H-Q) curve
- Operating Speed
- Hydraulic Efficiency vs Flow Curve
- NPSHr vs Flow Curve
- Required Shaft Power vs Flow Curve
- Maximum Required Shaft Power

Bidders shall submit a pump component materials list for the offered pump in any form produced by the Pump Manufacturer or their Pump Selection Software. This datasheet shall explicitly indicate the materials of the following components of the offered pump:

- Pump Casing
- Impeller
- Shaft

Bidders shall check the applicable box below to indicate bearing lubrication details of the offered pump

- Oil lubricated
- Re-greaseable
- Permanently sealed / Sealed-for-life

Bidders shall check the applicable box below to indicate the make of the mechanical seal offered to be fitted to the offered pump

- AESSEAL®
- EagleBurgmann®
- Flowserve®
- John Crane®
- Offered Pump OEM Brand
- Other _____

Bidders shall check the applicable box below to indicate offered pump rotating assembly balancing standard

- ISO 1940/1 G6.3
- ISO 1940/1 G2.5
- Other _____

Bidders shall check box to indicate offered pump performance test and acceptance standard and grade

- ISO 9906 Gr. 2B
- ISO 9906 Gr. 1B
- Other _____

Bidders shall check box to indicate offered pump vibration level acceptance category

- ISO 10816-7 Category 2
- ISO 10816-7 Category 1
- Other _____

Bidders shall check the applicable box to indicate offered pump Allowable Operating Range

(AOR) for the purposes of vibration testing and acceptance in terms of ISO 10816-7 . On condition that “Other” is selected, an OEM pump performance datasheet or operating manual confirming the AOR shall be submitted.

- AOR: 50% Q_{BEP} to 130% Q_{BEP} or Q_{max}
- Other

Bidders shall submit a motor performance datasheet for the offered motor. This datasheet shall include or explicitly indicate the following:

- Rated Motor Shaft Power
- Duty
- Service Factor
- Full Load 50Hz Operating Speed
- Voltage Tolerance
- 50%, 75% and 100% Load Efficiency or IE Rating
- Permissible Ambient Conditions for Full Load Operation
- ETD (PT100) Method Temperature Rise

Bidders shall submit a motor construction datasheet for the offered motor. This datasheet shall include or explicitly indicate the following:

- Enclosure Protection Rating (IP Rating)
- Mounting Method
- Cooling Method
- Enclosure IP Rating
- Insulation Class
- Poles
- Rotation
- VFD suitability

Bidders shall check the applicable boxes to confirm suitability and offered options for offered motors

- Suitable for VFD Operation
- Fitted with insulated NDE bearing

Bidders shall check the applicable box below to indicate offered pump rotating assembly balancing standard

<ul style="list-style-type: none"> • ISO 1940/1 G1.0 <input type="checkbox"/> • Other <input type="checkbox"/>
<p>Bidders shall check box to indicate offered motor performance test standard <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> • IEC 60034-1 <input type="checkbox"/> • IEC 60034-2 <input type="checkbox"/> • 4-hour Heat-run <input type="checkbox"/> • Other <input type="checkbox"/>
<p>Bidders shall check box to indicate offered motor vibration acceptance level <input checked="" type="checkbox"/></p> <ul style="list-style-type: none"> • 2.5mm/s overall <input type="checkbox"/> • 0.5mm/s in the 1 – 600 CPM range <input type="checkbox"/> • 2.5mm/s in the 600 – 4,800 CPM range <input type="checkbox"/> • 2.0mm/s in the 4,800 – 12,000 CPM range <input type="checkbox"/> • 0.5mm/s in the 12,000 – 120,000 CPM range <input type="checkbox"/>
<p>Bidders shall submit a control unit datasheet for the offered control unit. This datasheet shall include or explicitly indicate the following:</p> <ul style="list-style-type: none"> • Rated Current • Rated Voltage • Mains Frequency • Dry running protection capability • Ambient temperature range • Electro-magnetic compatibility • Proportional pressure control capability • Modbus communication protocol
<p>Bidders shall submit a control cabinet construction datasheet for the offered control cabinet. This datasheet shall include or explicitly indicate the following:</p> <ul style="list-style-type: none"> • Enclosure Protection Rating (IP Rating) • Mounting Method

All Bids shall be accompanied with detailed supporting literature for the pump, motor and frequency converter to enable Namwater to evaluate the conformity to specifications and include additional features.

Offers with insufficient details or information will not be considered.

NOTE:

Tenderers will be disqualified if this information is not included in the tender 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.

Specifications and Compliance Sheet Authorised By:

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

**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-006/2026**

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: _____
Delivery and Documents GCC 13.1	The Goods are to be delivered within 24 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 month of invoicing and upon 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.

Subject and GCC clause reference	Special Conditions
Packing GCC 23.2	<p>The packing, marking and documentation within and outside the packages shall be:</p> <p>Addressed to NamWater and the Procurement reference No. clearly marked. Good should be in protective packaging for safety.</p>
Insurance GCC 24	<p>The insurance should be covered as described in Delivery Duty Paid (DDP)</p>
Transportation GCC 25	<p>The Goods shall be delivered: Delivery Duty Paid (DDP)</p>
Inspection and Tests GCC 26.	<p>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.</p> <p>Payment will only be made if all the delivered items are to specifications.</p>
Liquidated Damages GCC 27	<p>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.</p>
Warranty GCC 28.3	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>

Subject and GCC clause reference	Special Conditions
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.

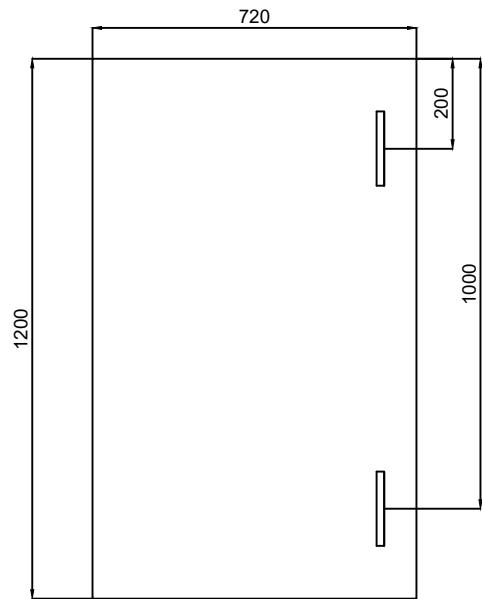
SCHEDULE 1**QUOTATION CHECKLIST SCHEDULE****Procurement Reference No.: G/RFQ/NW-006/2026**

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.		

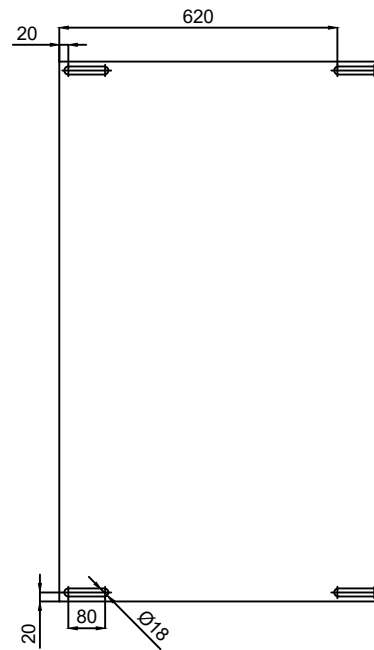
Disclaimer: The list defined above is meant to assist the Bidder in submitting the relevant documents and shall not be a ground for the bidder to justify its non-submission of major documents for its quotation to be responsive. The onus remains on the Bidder to ascertain that it has submitted all the documents that have been requested and are needed for its submission to be complete and responsive.

LOT 2

TOP VIEW
INDICATING THE POSITION OF THE INLET
FLANGES



BOTTOM VIEW
INDICATING THE POSITION AND
DIMENSION OF THE MOUNTING SLOTS



SIDE VIEW
INDICATING THE POSITION OF THE INLET
FLANGES

