Request for Sealed Quotations for Goods

Supply and delivery of 37 KW and 90 KW 400v Schneider Variable speed drives for Aussenkehr Treatment plant

Procurement Reference No: G/RFQ/NW-044/2026

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 2081, bids@namwater.com.na)

Namibia Water Corporation Ltd.

Private Bag 13389

176 Iscor Street, Aigams Building

Windhoek

Closing Date: Thursday, 23 October 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 biddingstandard 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 2066
Fax: +264 61 21 0741

Letter of Invitation

Name and Address of Bidder_____

Procurement Reference Number: G/RFQ/NW-044/2026

06 October 2025

Dear Bidder,

Supply and delivery of 37 KW and 90 KW 400v Schneider Variable speed drives for Aussenkehr Treatment plant

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 (Tel: +264 61 71 2081, 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

NamWater 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) any other attachment deemed appropriate.

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) Supporting product catalogue information/literature for all the items offered to substantiate compliance, where applicable. **These documents must be from the manufacturer or an authorized manufacturer's representative. Representatives must provide an authorization letter from the manufacturer confirming their status**

Failure to complete column C of the Technical Admissibility Sheet shall result in disqualification.

(g) 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;

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 Security/Bid Securing Declaration

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

6. Delivery

Delivery shall be **2 weeks** after acceptance/issue of Purchase Order. Deviation in delivery period shall be considered if such deviation is reasonable.

7. Sealing and Marking of Quotations

Quotations should be sealed in a single envelope, clearly marked with the Procurement Reference Number, addressed to the Public Entity 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 **23 October 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 the Public Entity 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 Security/Bid Securing Declaration, will be posted on the website of the Public Entity 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 shall be compared according to lifecycle cost to establish the lowest evaluated offer.

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.

12. Prices and Currency of Payment

Prices shall be fixed in Namibian Dollars.

13. Margin of Preference

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.

NamWater may consider partially awarding of offers as per Items or Lots.

15. Notification of Award and Debriefing

The Public Entity 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 days. Furthermore, the Public Entity shall attend to all requests for debriefing made in writing within 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*:*	**NamWater**
Procurement Reference Number:	**G/RFQ/NW-044/2026**
Subject matter of Procurement:	**Supply and delivery of 37 KW and 90 KW 400v Schneider Variable speed drives for Aussenkehr Treatment plant**

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 BSD.

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(5) and 56(2))

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

Quotations for the **Supply and delivery of 37 KW and 90 KW 400v Schneider Variable speed drives for Aussenkehr Treatment plant**

Procurement Ref No. G/RFQ/NW-044/2026

INSTRUCTIONS TO THE PUBLIC BODY	INSTRUCTIONS TO BIDDERS
	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 Measures	*	Price per Unit: NAD[1]	Total Price without VAT: NAD	VAT: NAD	Delivery (Weeks)	Country of Origin
1	90kw Schneider Variable Speed Drive	1	Each						
2	37kw Schneider Variable Speed Drive	1	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

Initials……

SPECIFICATIONS AND PERFORMANCE REQUIREMENTS

GENERAL SPECIFICATIONS

This Request for Quotation is for the **supply and delivery of 37KW and 90kW**, **ATV630D90N4 400vac, 172A, IP Rating 21, 3 phase Schneider variable speed drives for Aussenkehr treatment plant**.

Bidders must ensure that the drives will be able to run at the supplied load. If de-rating is required, it must be included in the drive offer.

Please note:

The drive offerings, will comply with the NRS 048-2003, while operating as a single unit, and as three units simultaneously.

Evaluation on the drive offers will be on efficiency and reflected power factor. Low efficiency drives will be penalized on the cost of kWh/MD used (20 hours operation, 365 days of the year, at 92% load, and the maximum demand charge). The period of evaluation will be 15 years. The cost of kWh and MD charge that will be used is the current tariff structure of Nampower.

Apart from the efficiency and the reflected power factor, a complete cooling requirement and cooling cost analyses will be conducted on all drive offerings. The same criteria as mentioned in the previous paragraph will be used.

Cable length of less than 80m, no chokes required. 80m to 165m use chokes (du/dt). And beyond 165m of cable use sinus filters.

Technical Specifications

2.1 General

The variable speed drives will be used to drive 75/90 kW squirrel cage induction motor (variable torque applications), which in turn will drive Centrifugal pump.

The variable speed drive shall be wall mounted.
The bidder shall supply and deliver the variable speed drives with specific reference to the following requirements:

a. 90KW Schneider Variable Speed Drive

i. Performance Requirements

The drive shall be of the type suitable for controlling the speed of 3-phase, 400 VAC induction motor rated at 75/90 kW.

The drive shall be capable of continuous operation at full load in an ambient temperature of 45 °C.

b. 37KW Schneider Variable Speed Drive

i. Performance Requirements

The drive shall be of the type suitable for controlling the speed of 3-phase, 400 VAC induction motor rated at 30/37 kW.

The drive shall be capable of continuous operation at full load in an ambient temperature of 45 °C.

The drive shall be of the closed chassis type and shall be wall mounted with IP 21 rating.
Drives shall have metal enclosures to prevent the radiated radio frequency interference noise (RFI) from affecting the operation of other equipment. The metal enclosures must be earthed with a low impedance connection to the switchboard's earthing system.

The drive shall be manufactured to quality assurance and manufacturing standards according to ISO-9001.

The VSD shall be capable of continuous duty at full rating (i.e. 24 hours/day, 365 days/annum). The VSD shall operate indoors but under damp and dusty conditions.

The VSD shall be capable of operation without damage under the following power supply distortions:

- Total interruption and restoration after 2 seconds
- Loss of one phase and restoration after 2 seconds
- Supply voltage total harmonic distortion 3% with individual harmonic distortion of 1%.

ii. Performance

The drive shall be specifically designed for variable torque operation, but shall also incorporate a choice of pre-set starting speed torque curves to give the converter flexibility over a wide application area.

The input voltage to the drive will be between 380 – 460Vac, with a tolerance of –15 % to +10%.

The drive shall be used for variable torque applications.

The drive shall be capable of supplying 120% of rated current for 1 minute.

The control mode shall be V/F (Voltage/Frequency) and the drive shall be of the type utilising advanced digital PWM (Pulse Width Modulation) technology with microprocessor based control. IGBT (Isolated Gate Bipolar Transistors) technology should be utilized on the output bridge. It would be preferred that the output waveform is sinusoidal at all frequencies, such that the motor power is fully utilised at the motor's rated speed, and no motor de-rating is necessary.

The drive shall automatically correct the output voltage to the preset voltage level (ex. 400Vac) during main's voltage variations of +10% and -15% to prevent loss of torque and speed variations occurring during motor operation.

To prevent over-magnetisation of the motor at low speeds and light loads the drive shall incorporate automatic flux control of the motor.

The drive shall automatically adjust the output frequency and voltage to maintain a stable motor speed of ±3% of the motor's preset speed. The accuracy shall be maintained over a speed and loading range of 10% to 100% without the use of a closed feedback loop.

The drive shall be fitted with an energy saving function whereby the inverter calculates the voltage at which motor efficiency will be the greatest, and sets it as the output voltage.

The drive shall be programmed for automatic restart in the case of temporary power loss. The drive shall be suitable for control of high inertia loads and be able to catch a rotating motor under any operating condition without tripping, e.g. whether through large supply

interruptions or by the action of switching on and off the motor isolating switch when the motor is running.

The function shall also ensure that a motor on a high inertia load already pre-rotating, even in the reverse direction, can be switched onto, braked to zero speed by DC injection braking incorporated in the drive, and then accelerated to the pre-set speed in the correct direction.

The drive shall incorporate a PID regulator to enable closed-loop control of the process.

iii. Requirements

3. Digital Technology

The use of potentiometers for set up and calibration is not acceptable and equipment using these techniques will not be considered.
The drive will be fitted with a removable keypad to be flush-mounted on the front panel of the Variable Speed Drive cubicle.

4. Radio Frequency Interference

Suppliers are reminded that the plant contains equipment sensitive to RFI interference (such as PLCs and Computers). Full compliance to the standards is requested. The drive should be well protected and immune to electrical disturbance in order to ensure high reliability.

5. Separate RFI Filters

The separate RFI filters shall be mounted in metal enclosures with the same protection rating as the drive, and shall be located as close to the mains connection terminals of the drive as possible.
Ferrite cores mounted on the input cables will not be considered as RFI compliant.

i. Monitoring and Control

6. Software Interface

- The VSD shall be provided with an RS485 serial port and a Modbus-RTU/Modbus TCP/IP interface facility. Full controls of the VSD shall be possible via this interface and shall include:
- Stop/start command
- Speed setting
- Drive output voltage, current, frequency, torque, kW, Running Hours, DC Link Voltage, last trip and drive temperature
- Diagnostic facility to monitor all-important above parameters with trip and alarm history records

The Modbus RTU interface shall permit full control of the VSD without the use of external contact closing etc. Faults shall, however, be provided for by a hard-wired stop command.

7. Frequency Control

The VSD shall supply an output frequency in the range 10Hz to 60Hz. In the range 10 to 50Hz the device shall permit the motor to develop constant torque and above 50Hz constant power.

Frequency control shall be within 3% of the set point. In the event of the loss of the speed reference the output frequency shall revert to a pre-set value. All analogue and digital control inputs and outputs shall be galvanically isolated from each other and from the mains supply and shall be capable of withstanding a test voltage of 2,5kVdc for 1sec. For safety reasons, only drives that have galvanic isolation as an integral part of the drive will be accepted.

8. Analogue and Digital Control

The drive shall also be able to respond to speed commands from a 4-20mA control signals, and their respective inverted signals.

For maximum noise immunity on the digital inputs the sink current shall be 8mA and 24Vdc for each input.

One programmable analogue output 4-20mA shall be provided for monitoring purposes.

Two programmable relays shall be provided for remote monitoring of the converter. The programmable options shall include as a minimum ready, run, and alarm. The contacts shall have a minimum rating of 1A and 250Vac or 30Vdc.
The run relay function shall initiate a run signal only when the frequency output from the converter is greater than 0.5Hz.

9. User Set/Read Parameters

The drive shall have a LCD display (4 digits minimum) and shall provide comprehensive information on the drive and the motor's condition. The following parameters shall be considered as the minimum requirements:

- Maximum and minimum output frequency in Hz
- Acceleration and deceleration ramp slope
- Current limit and current forcing limits
- Motor thermal overload protection
- Constant torque/square law torque curve selection
- Slip compensation
- Selection of switching frequency
- Motor voltage
- Current
- DC link temperature (Degrees Centigrade)
  <u>If the offered drives does not have this facility, the offer must include a pt 100 sensor on the heat sinks, and a pt 100 to 4-20 mA converter.</u>
- Output voltage V

- DC link voltage V

10. Monitoring and Protection

The drive shall shut down safely with a fault condition, and operate the trip relay. The drive display shall indicate the nature of the fault. In addition, the interface panel shall provide fault signals on a FIFO basis.

The following fault conditions, as a minimum, shall be indicated on the operator's interface panel:

- Power device heat sink over temperature
- Loss of serial communication
- Stall prevention
- In and output phase loss detection
- Over voltage
- Over temperature
- Main and control circuit under voltage
- Inverter and motor overload
- Inverter load short-circuited
- Over current
- Earth fault
- Inverter fault
- Pre-charge resistor overheat fault
- Over torque detection
- Reverse run prohibits

The VSD shall have inherent current limiting to prevent over current tripping caused by transient shock.

The drive shall provide for both automatic and manual (remote) reset operation. In manual reset mode the reset shall be accomplished from both the keypad on the drive and by remote input signal to the drive.

For safety reasons the converter must have a trip lock function preventing an operator from resetting the drive under an extreme condition.

The drive shall be equipped with a data log (last ten trips) menu that will allow storage of the type of faults that have occurred. Last fault memory shall be required in the event of power failures.

11. Reliability and Availability

To maximise the availability of the VSD, the supplier shall also provide a breakdown repair facility, 365 days per annum.

12. Maintainability and Interchange Ability

Easy accessibility and interchange ability of the electronic modules is essential in order to facilitate the drives being maintained by the client's technical personnel. .

The supplier shall state whether full repair facilities are available, as well as where they are located.

2.2 Supporting data

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

A complete operating manual including technical information of all equipment supplied

SECTION V: SPECIFICATIONS COMPLIANCE SHEET

Procurement Ref No. G/RFQ/NW-044/2026

Item No	**Technical Specification Required**	**Compliance of Specification Offered**	**Details of Non-Compliance/ Deviation (if applicable)**
A*	***B****	***C***	***D***
Item	Specification	Detail	
1	Make and model: Schneider		
	Country of origin		
	Efficiency at 75/90 kW		
	Cooling Requirement of the drive at 75/90 kW load.		
	Power Factor at 75/90 kW		
	IP rating of the Drives		
	Mounting method of the Drives		
	Does the drive offering comply with the NRS 048-2003 as a single operation unit?		
	Does the drive offering comply with the NRS 048-2003 when all three units are in operation?		
	Harmonic simulation attached for one pump operation and three pump operation		
	Rating		

	Voltages *(Indicate variation e.g. 400V +10% -15% or 340V – 440V)*		
	Starter mains supply voltage (3 Phase)	Vac	
	Starter control voltage (electronic circuitry)	Vac / dc	
	Starter digital input voltage	V AC / DC*	
	Starter frequency	Hz	
	Are the following starter statuses indicated? *Display Format (if Yes)* Text / Indication only		
	Starter power on	Yes / No *	
	Start cycle active	Yes / No *	
	Run cycle active (Full speed)	Yes / No *	
	Soft stop cycle active	Yes / No *	
	Fault active	Yes / No *	
	Are the following displayed as text on the operator interface?		
	Actual current	Yes / No *	
	Type of fault / trip condition (if trip is active)	Yes / No *	
	Are the following statistical/logged data available and displayed on the interface?		
	Duration of last start	Yes / No *	
	Maximum current on last start	Yes / No *	
	Total run time	Yes / No *	
	Total number of starts	Yes / No *	
	Cause of last trip	Yes / No *	
	Current on last trip	Yes / No *	
	Total number of trips	Yes / No *	
	Are the following protection features available?		
	Power device / heat sink over temperature	Yes / No *	
	Shorted power device (eg. SCR)	Yes / No *	
	Motor Instantaneous over current	Yes / No *	
	Motor Electronic overload (I^2t)	Yes / No *	

	Over Voltage Protection Range	Vac	
	Under Voltage Protection Range	Vac *	
	Phase sequence	Yes / No *	
	Phase failure	Yes / No *	
	Number of starts per period	Yes / No *	
	Under Load	Yes / No *	
	Over and Under frequency	Yes / No *	
	Start-up time inhibit	Yes / No *	
	Faulty motor winding detection	Yes / No *	
	Power device / heat sink over temperature	Yes / No *	
	Are the following parameters settable via the operator interface?		
	Motor running current limit	Yes / No *	
	Motor start-up current limit	Yes / No *	
	Motor under current limit	Yes / No *	
	Initial start-up voltage	Yes / No *	
	Start-up curve used	Yes / No *	
	Acceleration time limit	Yes / No *	
	Deceleration time	Yes / No *	
	Under voltage limit	Yes / No *	
	Over voltage limit	Yes / No *	
	Phase sequence enable/disable	Yes / No *	
	Soft stop time	Yes / No *	
	Allowable start time	Yes / No *	
	Serial communication parameters	Yes / No *	
	Delay time on trip conditions	Yes / No *	
	Output Contacts		
	Number of programmable relay contacts:		

	Is the contacts voltage potential free	Yes / No *	
	Contact voltage rating	V	
	Contact current rating	A	
	Contact maximum VA rating	VA	
	Can the outputs be programmed to activate on the following conditions?		
	Trip or Fault active	Yes / No *	
	End of acceleration/start	Yes / No *	
	Digital control inputs : Are inputs available for the following control signals		
	Start	Yes / No *	
	Immediate stop	Yes / No *	
	Soft stop	Yes / No *	
	Remote reset	Yes / No *	
	Analog control inputs :		
	Number of 4-20 mA inputs		
	Number of 4-20 mA outputs		
	Serial communication detail		
	Is a Modbus RTU/Modbus TCP/IP protocol port available?	Yes / No *	
	Is it possible to operate on a Baud rate of 9600		
	Is the drive number settable	Yes / No *	
	Type of serial port	RS-485 / RS-422 / RS-232*	
	Are the following data available via Modbus RTU protocol ?		
	Actual current	Yes / No *	
	Actual output voltage	Yes / No *	
	Total run time	Yes / No *	
	Total number of starts	Yes / No *	
	Operator interface detail:		
	Is it a LCD type display?	Yes / No *	
	If **Yes**: Amount of characters displayed		

	If **Yes**: Amount of lines displayed		
	Is the drive fitted with a removable keypad to be flush-mounted on the front panel of the Variable Speed Drive cubicle?	Yes / No *	
	Software protection:		
	Is a type of software lock provided for protection of programmed parameters?:	Yes / No *	
	If **Yes**: State type		

Specifications Compliance Sheet

Item No	*Technical Specification Required*	*Compliance and Substantiating Annexure Number*	*Offer Complies*	
			Yes	*No*
A	*B*	*C*	*D*	*E*
WAFER TYPE BUTTERFLY VALVES c/w GEARBOXES				
1 - 3	PN 10, Wafer type valves Suitable for installation between flanges drilled to SANS 1123-1000/3 with the **two-hole-top orientation**.			
	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.			
	Valves bodies shall incorporate at least four (4) alignment lugs.			
	The valves shall be resilient seated in accordance with EN 593.			
	The valves face-to-face dimensions according to EN 558-1, basic series 20 / ISO 5752 series 20.			
	The valve disks shall be driven by means of a profiled shaft (splines, keyed, square etc.). ***Valves with pinned disk/shaft connections will not be accepted.***			
	All valves fitted with 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.			
	The valves shall operate satisfactorily and reliably under a flow velocity of 3m/s.			
	Valves shall be internally and externally epoxy, polyamide, or polyurethane coated.			
	Dimensional drawing/s and supporting literature of all valves shall be submitted.			
	Only Rotork or Auma gearboxes will be accepted.			
	The gearbox shall be fitted with mechanical position indicator mounted on the valve stem to show the position of the valve.			
	Gearboxes shall be sized such that no more than 200Nm torque be required at the hand wheel to open or close the valve at rated differential pressure across the valve.			
	Gearbox input and output torque rating shall be supplied.			
	The gearbox enclosure shall have an Ingress Protection rating of at least IP67 as defined by EN 60529.			
	Gearbox External and mounting fasteners shall be stainless steel 304 or superior.			

	Dimensional drawing/s and supporting literature of the gearbox shall be submitted.			
RESILIENT SEATED GATE VALVES				
4-5	The valves shall be resilient seated in accordance with EN 1074 or EN 1171.			
	The valves shall be NFS or DVGW or WRAS or ACS or KIWA or WaterMark™ Schedule - Level 1 or SVGW certified / approved for drinking water.			
	All Valves components, except stainless steel, brass or bronze, including the valve body shall be internally and externally epoxy, polyamide, or polyurethane coated according to EN 14901 or DIN 30677 or GSK or AS/ZNS 4158 regulations / guidelines.			
	The valves shall be pressure tested in accordance with EN 12266 or ISO 5208			
	The valves shall be suitable for installation between flanges drilled to SANS 1123/1000/3 with the **two-hole-top orientation**.			
	The valve flanges shall have raised faces.			
	The valves shall be of non-raising spindle type			
	Valves have face-to-face dimensions according to SABS 664.			

	Valve bodies and bonnets shall be ductile cast iron.			
	Valve gates shall be EPDM vulcanized ductile cast iron.			
	Valve shafts shall be stainless steel 316, 420, 430F, 431 or duplex.			
	Valve stem shall be stainless steel 316 or superior			
	Stem nuts shall be of bronze or dezincification resistant brass			
	Dimensional drawings and supporting literature of the valves shall be submitted.			
	PN10, DOUBLE DOOR WAFER -TYPE NON-RETURN VALVE			
6	Non-return valves shall be of wafer-type with doubles doors			
	PN10, double flanged valves able to be installed between flanges drilled to SANS1123/1000/3 with the **two-hole-top orientation**			
	Valve face-to-face length shall be between 108 - 110mm			
	Valve bodies shall be ductile cast iron, steel stainless steel 316 (CF8M) or superior grade stainless steel.			
	Valve **doors/plates, stem and springs** shall be stainless steel			
	Valve seals/O-rings shall be EPDM or NBR			
	Fasteners shall be HDG mild steel, stainless steel 304 (A2)			

	or superior grade stainless steel.			
	The valves components other stainless steel, brass or bronze components shall internally and externally epoxy or polyamide coated.			
	Valve O rings shall be NBR or EPDM			
	Dimensional drawings and supporting literature of the valves shall be submitted.			

Specifications and Compliance Sheet Authorised By:

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

Attach datasheet with specifications for each product item that the bidder is bidding for.

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 public entities physical address/website:* https://eprocurement.gov.na/documents/-/document_library/ycvk/view/53613 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 Ref No. G/RFQ/NW-044/2026

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 **NamWater Stores, 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 2081), 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 **2 weeks** from the date of Purchase Order or Letter of Acceptance. The documents to be furnished by the Supplier are: (a) signed delivery note and Invoice
Terms of Payment **GCC 16.1**	The structure of payments shall be: full payment following complete 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.
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.
Performance Security **GCC 18**	Not Applicable

Subject and GCC clause reference	Special Conditions
Packing **GCC 23.2**	The packing, marking and documentation within and outside the packages shall be: **G/RFQ/NW-044/2026** **Supply and delivery of 37 KW and 90 KW 400v Schneider Variable speed drives for Aussenkehr Treatment plant** **Aigams Building** **Northern Industrial Area** **Windhoek**
Insurance **GCC 24**	The insurance should be covered as described in **Delivery Duty Paid (DDP)**
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 Technical compliance and specification compliance verification.
Liquidated Damages **GCC 27**	Liquidated damages for the whole contract are 1/14% per day. The maximum amount of liquidated damages for the whole contract is 14% of the final contract price.
Warranty **GCC 28.3**	The period of validity of the warranty shall be: As per manufacture specifications
Repair and Replacement **GCC 28.5**	The period for repair or replacement shall be: 30 days upon receipt of notice of defect of goods.

SCHEDULE 3: QUOTATION CHECKLIST SCHEDULE

Procurement Ref No. G/RFQ/NW-044/2026

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.		
Failure to complete column C of the Technical Admissibility Sheet shall result in disqualification.		

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.*