



# Request for Sealed Quotations for Goods

**Supply and delivery of Chlorine cylinder scales and Chlorine gas detection & warning units for Schwatzekuppe, Goblenz and Mile 7 Chlorination Systems**

**Procurement Reference No: G/RFQ/NW-013/2027**

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

**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, 30 April 2026 at 11h00  
NO LATE BIDS WILL BE ACCEPTED!**

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## **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 2066  
Fax: +264 61 21 0741

## Letter of Invitation

**Name and Address of Bidder** \_\_\_\_\_

**Procurement Reference Number: G/RFQ/NW-013/2027**

**15 April 2026**

Dear Bidder,

**Supply and delivery of Chlorine cylinder scales and Chlorine gas detection & warning units for Schwatzekuppe, Goblenz and Mile 7 Chlorination Systems**

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](mailto: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

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## 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) 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

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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;

- (g) Supporting information / literature for all the items offered to substantiate compliance, where applicable. These documents must be from the manufacturer or an authorised manufacturer's representative. Representatives must provide an authorised letter from the manufacturer confirming their status.
- (h) 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 **6-8weeks** 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.

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## **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 **30 April 2026 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

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to all requests for debriefing made in writing within 7 days of the unsuccessful bidders being informed of the award.

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## 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:	<b>NamWater</b>
Procurement Reference Number:	<b>G/RFQ/NW-013/2027</b>
Subject matter of Procurement:	<b>Supply and delivery of Chlorine cylinder scales and Chlorine gas detection &amp; warning units for Schwatzekuppe, Goblentz and Mile 7 Chlorination Systems</b>

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	

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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*

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**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:.....

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**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.*

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## SECTION III: LIST OF GOODS AND PRICE SCHEDULE

**Supply and delivery of Chlorine cylinder scales and Chlorine gas detection & warning units for Schwatzekuppe, Goblenz and Mile 7 Chlorination Systems**

**Procurement Ref No. G/RFQ/NW-013/2027**

INSTRUCTIONS TO THE PUBLIC BODY					INSTRUCTIONS TO BIDDERS				
					<p style="text-align: center;"><u>Bidders shall fill-in columns F, G &amp; H and fill the total</u></p> <p>E= mark with a *if an equivalent is quoted            F= Rate per unit                      G=Total price for one item ( C x F)</p> <ul style="list-style-type: none"> <li>• If an equivalent is quoted, please attach to your quote appropriate technical information &amp; specification</li> <li>• Bidders shall fill in and sign the bottom section of this page</li> </ul>				
A	B	C	D	E	F	G	H	I	
Item no.	Description of Goods	Quantity Required	Unit of Measures	*	Price per Unit: NAD <sup>1</sup>	Total Price without VAT: NAD	VAT: NAD	Delivery (Weeks)	Country of Origin
1	68kg <b>dual</b> electronic Chlorine-cylinder scale complete weighing system, including a Digital Weight Indicator and cylinder chaining bracket for each platform	2	0 - 70kg. 4-20mA						
2	1-ton <b>dual</b> electronic Chlorine-cylinder scale complete weighing system, including a Digital Weight Indicator and cylinder chaining bracket for each platform	1	0 - 1000kg. 4-20mA						
3	Chlorine gas leakage detection system complete with sensors unit and warning controller	3	ppm; 4-20mA						
4	Audible and visual alarm units	3							
					<b>TOTAL</b>				
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:.....

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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

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# SPECIFICATIONS AND PERFORMANCE REQUIREMENTS

## SECTION IV: SPECIFICATIONS COMPLIANCE SHEET

Procurement Ref No. G/RFQ/NW-013/2027

### General Technical Specifications for Chlorine cylinder scales and Chlorine gas detection & warning units

#### 1. General Description

This quotation calls for the supply and delivery of Chlorine usage and leakage monitoring systems. The Chlorine usage monitoring system comprises platform scales for **68 kg** and **1000 kg (1-ton)** cylinders, each complete with dedicated transmitters (digital weight indicators). The Chlorine leakage detection and warning system comprises gas detection sensors, a transmitter (warning controller), and both audible and visual alarm units.

Each component shall be quoted in accordance with the specified application requirements and the outlined technical specifications. The primary objective of the system is to ensure uninterrupted water treatment through continuous Chlorine dosing, while enhancing safety by providing early detection and warning of hazardous gas concentrations.

#### 2. Technical specification

##### 2.1. 68kg Chlorine Cylinder Weight Digital Indicator

Technical Data	Function
<b>Input</b>	Electronic weigh scales (mV DC) or ultrasonic sensors (mA DC)
<b>Output</b>	Isolated 4-20mA output for channel
<b>Readout specs</b>	32 character, backlit, alphanumeric LCD
<b>Numerical display</b>	6 full digits (e.g. 999999)
<b>Bar graph display</b>	User adjustable span, 0-100%
<b>Filtering</b>	User adjustable boxcar
<b>Display units</b>	lb, kg, gallon, liter [also inches & cm for ultrasonic sensors]
<b>Increments</b>	0.1, 0.2, 0.5, 1, 2, 5, 10, 20 or 50 (minimum dependent on channel capacity)
<b>Zero/Tare Adjustment</b>	Via keypad, dedicated TARE key
<b>Operating temperature</b>	32-122 Degrees F (0-50 Degrees C)
<b>Input power</b>	110-250 VAC (50-60Hz,) or 24 VDC
<b>Max current</b>	0.25A @ 110 VAC / 0.2 @ 24VDC
<b>Connectors</b>	Powe, 1/2" Nylon Flex Conduit Connector 4-20mA & Relays: 1/2" Nylon Flex Conduit Connector
<b>Enclosure</b>	NEMA 4X, UL listed structural foam molded
<b>Approvals</b>	
<b>Performance</b>	Overall System Accuracy: 0.1-0.25% F.S., Non-linearity: <0.02% F.S., Non-Repeatability: <0.01% F.S., Thermal Stability: <0.002/Deg F.S, Zero and Span

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## 2.2 Scale platform for 68kg Chlorine cylinder

- Scale platform(s) shall be constructed of non-corrosive PVC plastic and sized for **68 kg cylinders**.
- Chlorine scales shall be provided and shall be of the digital readout/electronic load cell type.
- Scale shall be of the single load cell design. Weight shall be transferred via a pivoted platform to a single stainless steel canister load cell of the electronic strain gauge type.
- Load cell shall be mechanically sealed with O-rings. Potted-type load cells shall **not** be accepted.
- Platform shall allow for easy loading and off-loading of cylinder preferred height not more than 38mm.
- Platform scale coating system shall be resistant to moisture, chemicals, abrasion, impact and UV light with a minimum dry thickness of 2.03mm.

<b>PHYSICAL SPECIFICATIONS FOR 68KG PLATFORM</b>		
<b>#</b>	<b>CHARACTERISTIC</b>	<b>VALUE</b>
1	NO. OF PLATFORMS	4
2	CAPACITY	163 kg PER PLATFORM
3	CYLINDER SIZE (DIMENSION)	304 mm DIA. MAX
4	CYLINDER SIZE (kg)	68 kg
5	PLATFORM HEIGHT	41 mm
6	ACCURACY	±0.25% FULL SCALE
7	LOAD CELL NOMINAL OUTPUT	0.9Mv/v
8	OVERLOAD CAPACITY	150% RATED CAPACITY
9	TEMPERTURE COMPENSATED RANGE	-1 <sup>0</sup> C TO 46 <sup>0</sup> C
10	OPERATING TEMPERTURE	-18 <sup>0</sup> C TO 49 <sup>0</sup> C
11	HOOK-UP CABLE	4.6 m 6-CONDUCTOR
12	CELL INPUT VOLTAGE	5-15VDC
13	INPUT RESISTANCE	350 OHMS MIN.
14	OUTPUT RESISTANCE	350 OHMS NOM.
15	SHIPPING WEIGHT	21 kg

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### 2.3 Scale Platform and Digital Indicator for 1 TON Chlorine container

- **SCALE PLATFORM:** A quantity of \_\_\_\_\_ Chlorine/SO<sub>2</sub> scales shall be provided and shall be of the digital readout/electronic load cell type. Scale frame shall have a 2-part epoxy finish and be sized to accept \_\_\_\_\_ (1 or 2) 3,600 lb/1632 kg. chlorine or sulfur dioxide container(s). The frame shall have the required number of heavy duty bronze bushed bearing trunnions installed for each container to allow easy container rotation. Scale shall be of such a size that it is within the dimensions of the tank(s) it supports. Scale shall be of the single load cell design. Weight shall be transferred via lever(s) to a single, NTEP approved, load cell of the shear beam strain gauge type. Flexible cable shall connect load cell to indicator to allow easy remote installation of the readout. Cable length shall be \_\_\_\_\_ ft. (meters) (20'/6M standard).
- **INSTRUMENT ENCLOSURE, OUTPUTS & ALARMS:** Indicator shall carry CE marking and shall be housed in a NEMA 4X, UL approved enclosure. Indicator shall have a 20 key digital keypad & ability to display 2 scales at a time on a backlit alphanumeric display. If more than 2 scales are being monitored, display shall automatically scan all scales in the system. Indicator shall have adjustable 4-20mA signals that output net weight and chemical feed rate for each scale. Indicator shall display an alarm in any of the following conditions: Low level, high level, low feed rate, high feed rate, max daily use, min daily use, supply exhausted and load cell failure. An alarm log shall store the most recent 10 alarm conditions with time and date of occurrence. A quantity of \_\_\_\_\_ relays (up to 12 per indicator) shall be provided for remote alarm indication or transfer pump control. Indicator shall be enabled with MODBUS protocol for remote RS-485 serial communications.
- **DISPLAY & INVENTORY CONTROL SOFTWARE:** Keypad and Menu items shall have independent password protection to prevent unauthorized operation. Both a numerical and a bar graph display shall give operator the ability to monitor chemical by weight, volume or percent full. Each channel shall have a user selectable, two digit scale ID number and shall display net remaining, pure chemical remaining, feed rate, daily usage, total amount used, days until empty, gross weight and tare weight. A TANK LOAD key shall pause & project usage accumulation during chemical re-supply to maintain accurate usage data over multiple tank loads. A data log shall store the DAILY USAGE for each of the previous 31 days. Indicator re-calibration in the field shall be accomplished through the keypad and shall not require the use of dead weights.
- Scale shall carry a Full Five (5) Year Factory Warranty. "Limited" warranties shall be considered unacceptable. Full scale accuracy shall be better than 1/4 of 1%. Scale shall be CHLOR-SCALE® Model DR\_\_\_\_\_ and WIZARD 4000® digital display Model 4000-\_\_\_\_, as manufactured by FORCE FLOW.

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## 2.2 Gas Warning Systems

Technical Data	Function
Electronics	16-bit microprocessor system
Electronics	Backlit plain-text display
Display	In ppm for measured values of both sensors
Indication mode	Five potential-free relay-outputs, per software switchable to NO (normally open) or NC (normally closed) (fail-safe); max. 250 V/6 A, max. 550 VA
Relay outputs	<ul style="list-style-type: none"> <li>Two measured value inputs (for amperometric sensors 1 and 2)</li> <li>Internal CAN bus, including connections for two interfaces, each for the operation of one potentiostatic sensor</li> </ul>
Signal outputs	Two current outputs 0/4 -20 mA, max. load of 500 Ohm, with wire breakage monitoring; free assignment to the measuring range of the sensors
Safety functions	<ul style="list-style-type: none"> <li>Permanent sensor monitoring or automatic sensor test, interval between tests adjustable from every 0.5 to 30 days</li> <li>Wire breakage monitoring of all current outputs</li> <li>Optional backup battery with backup indication on the display, to work for at least one hour after mains failure</li> <li>Automatic adjustment of data specific to the sensor</li> <li>Display of the sensor exchange intervals with a plain-text message</li> </ul>
Temperature	Sensor interface (without sensor): Operation: 0 to +50 °C ;Storage: -20 to +65 °C
Power supply	110-240 V (-10 %/+ 10 %), 50/60 Hz or 24 VDC
Power consumption	Approx. 20 VA
Enclosure class	IP 65 (wall-mounted)

## 2.3 Gas Detection Sensors Measuring parameters

Technical Data	Function
Measuring Parameter	Cl <sub>2</sub>
Measuring range [ppm]	0-20
Response time t <sub>90</sub> (20 °C)	< 30
Recovery time [minutes]	1
Expected life [months]	24
Operating temperature [°C]	-20 to +40
Storage temperature [°C]	+4 to +10
Relative humidity	max. 90 % at 40°C (non-condensing)
Max. distance sensor amplifier [m]	500 (bus line length)

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## 2.4 Control Panel

- **Display:** Digital readout for gas concentration levels.
- **Alarms:** Visual (LED indicators) and audible alarms with adjustable set points for warning and critical levels.
- **Power Supply:** Uninterruptible Power Supply (UPS) with a backup duration of at least 1 hours.
- **Communication:** Integration with Building Management Systems (BMS) and remote monitoring capabilities.

## 2.5 Alarm Devices

- The **Audible Alarms:** Sound level of at least 85 dB at 3 meters.
- **Visual Alarms:** Flashing lights visible from all areas of the room.

## 2.6 Compliance and Standards

The gas warning system must comply with the following standards and regulations:

- **EN 45544:** Workplace atmospheres - Electrical apparatus used for the direct detection and direct concentration measurement of toxic gases and vapours.
- **EN 50270:** Electromagnetic compatibility - Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen.
- **EN 50104:** Electrical apparatus for the detection and measurement of oxygen.
- **ISO 9001:** Quality management systems.
- **IEC 61508:** Functional safety of electrical/electronic/programmable electronic safety-related systems.
- **NFPA 72:** National Fire Alarm and Signalling Code.
- **OSHA 29 CFR 1910.146:** Permit-required confined spaces.
- **ATEX Directive (2014/34/EU):** Equipment and protective systems intended for use in potentially explosive atmospheres.

## 3. Support 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.
- A calibration certificate issued by an internationally accepted calibration facility.
- A complete failure modes and effects analysis (FMEA) of the instrument. If the agency or supplier is unable to provide a detailed FMEA document, we won't buy what is not maintainable.

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#### 4. Schedule of Prices and Deliveries

##### **Documentation**

The tenderer will adhere to the following schedule for all documentation as set out below. The documentation can be supplied preferably in software format or either in hard copy format.

The following formats are preferred:

- Text : MS Word
- Drawings : Autocad / Autocad LT
- Pamphlets and brochures : PDF Files, Powerpoint, JPG/GIF

Any special application programmes required to access the documentation should be included.

No payment will be made unless all documentation has been received.

All diagrams and information shall make use of metric units.

##### **With Quotation Document**

- Calibration and testing certificates, sectional drawings (showing component details), dimension sheets and material specifications.
- Special foundation details and installation requirements.

##### **With Delivery of the Units to the Employer**

- Detailed workshop maintenance manuals showing maintenance clearances, tolerances and parts list for each online chlorine meter delivered.
- Detail and type of clean fluids and methods used.
- Material specifications for maintenance items on the online chlorine meter
- Manufacturing (as-built) drawings of all equipment.
- Operational manuals with or including installation specification or any other information regarding each delivered online chlorine meter.

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## SECTION V: SPECIFICATIONS AND COMPLIANCE SHEET

Procurement Reference Number: **Procurement Ref No. G/RFQ/NW-013/2027**

Bidders should complete column C with the specification of the goods offered and **attach annexures with detailed technical literature substantiating compliance**. Offers of equipment failing to comply with one or more of the specifications shall be disqualified. **Failure to complete column C of the Specifications and Compliance Sheet shall result in disqualification.**

Procurement Reference Number: **G/RFQ/NW-013/2027**

### Insert Specifications Compliance Sheet

Item No	Specifications and Performance Required	Compliance of Specifications and Performance Offered	Details of Non-Compliance/ Deviation (if applicable)
<i>A*</i>	<i>B*</i>	<i>C</i>	<i>D</i>
1	Digital Weight Indicator		
2	Amperometric gas sensors		
3	68kg Chlorine cylinder scale platform		
4	1-ton Chlorine cylinder scale platform		
5	Gas warning controller		
6	Audible and warning units		

### 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 fo

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## 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](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-013/2027**

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

Subject and GCC clause reference	Special Conditions
<b>Purchaser GCC 1.1(h)</b>	The purchaser is: Namibia Water Corporation Ltd
<b>Site GCC 1.1(m)</b>	The Site/final destination for delivery of the Goods is <b>Windhoek</b>
<b>Incoterms Edition GCC 4.2(b)</b>	Incoterms shall be governed by the rules prescribed in Incoterms 2010.

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<b>Subject and GCC clause reference</b>	<b>Special Conditions</b>
<b>Notices</b> <b>GCC 8.1</b>	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: <a href="mailto:bids@namwater.com.na">bids@namwater.com.na</a> Private Bag 13389 Windhoek, Namibia  For the Supplier, the address and contact name shall be:  _____
<b>Disputes</b> <b>GCC 10.2</b>	The rules of procedures for arbitration proceedings pursuant to GCC 10.2 shall be as follows: In the case of a dispute between the Purchaser and a Supplier, the dispute shall be arbitrated in accordance with Arbitration Act, 1965 (Act No. 42 of 1965).
<b>Delivery and Documents</b> <b>GCC 13.1</b>	The Goods are to be delivered within <b>6-8 weeks</b> 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
<b>Terms of Payment</b> <b>GCC 16.1</b>	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
<b>Terms of Payment</b> <b>GCC 16.3</b>	Payments shall be made not later than thirty days after submission of an invoice and its certification by the Purchaser. Payments are processed only at the end of each month.
<b>Terms of Payment</b> <b>GCC 16.4</b>	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.
<b>Performance Security</b> <b>GCC 18</b>	Not Applicable
<b>Packing</b> <b>GCC 23.2</b>	The packing, marking and documentation within and outside the packages shall be: <b>G/RFQ/NW-013/2027</b> <b>Supply and delivery of Chlorine cylinder scales and Chlorine gas detection &amp; warning units for Schwatzekuppe, Goblenz and Mile 7 Chlorination Systems</b> <b>Aigams Building</b> <b>Northern Industrial Area</b> <b>Windhoek</b>

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<b>Subject and GCC clause reference</b>	<b>Special Conditions</b>
<b>Insurance GCC 24</b>	The insurance should be covered as described in <b>Delivery Duty Paid (DDP)</b>
<b>Transportation GCC 25</b>	The Goods shall be delivered: <b>Delivery Duty Paid (DDP)</b>
<b>Inspection and Tests GCC 26.</b>	NamWater will inspect all items upon delivery to ascertain Technical compliance and specification compliance verification.
<b>Liquidated Damages GCC 27</b>	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.
<b>Warranty GCC 28.3</b>	The period of validity of the warranty shall be: 12 Months

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**SCHEDULE 3: QUOTATION CHECKLIST SCHEDULE**

**Procurement Ref No. G/RFQ/NW-013/2027**

Description	Attached	Not Attached
Quotation Letter		
List of Goods and Price Schedule		
Specifications Compliance Sheet		
Evidences for conformity of Goods		
valid copy of company registration / founding statement. <b>(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))</b>		
Original or certified copy of valid good Standing TAX Certificate; <b>(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))</b>		
Valid good Standing Social Security Certificate;		
A certified copy of a valid Affirmative Action Compliance Certificate, or 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; <b>(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))</b>		
Submit signed Bid-securing Declaration.		
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		
Supporting information / literature for all the items offered to substantiate compliance, where applicable. These documents must be from the manufacturer or an authorised manufacturer's representative. Representatives must provide an authorised letter from the manufacturer confirming their status.		

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