



# **Request for Sealed Quotations**

## **for the**

**Supply and Delivery of Submersible borehole pump set complete with cable for  
the Omitara WSS**

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**Procurement Reference No: G/RFQ/NW-031/2027**

|                                         |              |                |
|-----------------------------------------|--------------|----------------|
| <b>Name of Bidder</b>                   |              |                |
| <b>Contact Person</b>                   |              |                |
| <b>E-mail Address</b>                   |              |                |
| <b>Postal Address</b>                   |              |                |
| <b>Total Amount N\$<br/>(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 712015) ([bids@namwater.com.na](mailto:bids@namwater.com.na))**

Namibia Water Corporation Ltd.  
Private Bag 13389  
176 Iscor Street, Aigams Building  
Windhoek

**Closing Date: Thursday, 10 September 2026 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 2066  
Fax: +264 61 21 0741

## **Letter of Invitation**

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

**Procurement Reference Number: G/RFQ/NW-031/2027**

**27 August 2026**

Dear Bidder,

### **Supply and Delivery of Submersible borehole set complete with cable for the Omitara WSS**

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](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

# **SECTION I: INSTRUCTIONS TO BIDDERS**

## **1. Rights of Public Entity**

NamWater Ltd reserves the right:

- (a) to split the contract as per the lowest evaluated cost per item, and
- (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;
- (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 bidding 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 **120** days from the date of submission deadline.

The tenderer shall initial each page after having read and completed this document. Any alterations made to any of the information contained in this document shall also be initialled.

## **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 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. **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.**
- (h) Bidder must submit Manufacturer's Authorisation to demonstrate that the Bidder is permitted to work on the pump and provide a warrantee for such work.
- (i) 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

The Goods are to be delivered within **6-8 weeks** from the date of Purchase Order or Letter of Acceptance.

Deviation in delivery period **shall not be accepted**.

## 7. Sealing and Marking of Quotations

Quotations should be sealed in a single envelope, clearly marked with the Procurement Reference Number, addressed to NamWater 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, 10 September 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.

**Offers received by e-mail will not be considered.**

## **9. Opening of Quotations**

Quotations will be opened internally by NamWater 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. Offers that are substantially responsive shall be compared based on price or ownership cost, subject to Margin of Preference where applicable, to determine the lowest evaluated quotation.

## **11. Technical Compliance**

Bidders shall submit along with their quotation documents, catalogues and any other literature to substantiate compliance with the required specifications and to qualify deviations if any with respect to NamWater'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**

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 item will be allowed.**

## **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:        | Namibia Water Corporation Ltd                                                           |
| Procurement Reference Number:  | G/RFQ/NW-031/2027                                                                       |
| Subject matter of Procurement: | Supply and Delivery of Submersible borehole set complete with cable for the Omitara WSS |

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              |            |

**BID SECURING DECLARATION**  
**(Section 45 of Act)**  
**(Regulation 37(1)(b) and 37(5))**

**Date:** .....

**Procurement Ref No.:** .....

**To: Namibia Water Corporation Ltd., 176 Iscor Street, Ai-/gams Building, Windhoek**

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

**QUOATAION for: Supply and Delivery of Submersible borehole set complete with cable for the Omitara WSS**

**Procurement Ref No. G/RFQ/NW-031/2027**

| INSTRUCTIONS TO THE PUBLIC BODY                                                                                                          |                                                                                                         |                  | INSTRUCTIONS TO BIDDERS                                                                                                                                                                                                                                                                                                                                                  |                                 |                             |          |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------|----------|
| At time of preparation of the RFQ, Columns A to I shall be filled in by the Public Entity.<br><i>[To be filled by the Public Entity]</i> |                                                                                                         |                  | <u>Bidders shall fill-in columns F, G &amp; H and fill the total</u><br><br>F= Rate per unit G=Total price for one item ( C x F) <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                                                                                                                                                                                                                                                                                                                                                                        | F                               | G                           | H        |
| Item No.                                                                                                                                 | Description of Goods                                                                                    | Quantity         | Unit of measure                                                                                                                                                                                                                                                                                                                                                          | Price per unit NAD <sup>1</sup> | Total price without VAT NAD | VAT: NAD |
| <b>1</b>                                                                                                                                 | Borehole WW 100350 - 14.00m <sup>3</sup> /h at 84.00mWh Pump/Motor Unit c/w 80m long Submersible Cable. | <b>1</b>         | <b>SET</b>                                                                                                                                                                                                                                                                                                                                                               |                                 |                             |          |
|                                                                                                                                          |                                                                                                         |                  |                                                                                                                                                                                                                                                                                                                                                                          |                                 |                             |          |
|                                                                                                                                          |                                                                                                         | <b>BID TOTAL</b> |                                                                                                                                                                                                                                                                                                                                                                          |                                 |                             |          |
|                                                                                                                                          | Delivery [Days/Weeks]:                                                                                  |                  |                                                                                                                                                                                                                                                                                                                                                                          |                                 |                             |          |
| NAME:                                                                                                                                    |                                                                                                         | POSITION:        | SIGNATURE:                                                                                                                                                                                                                                                                                                                                                               |                                 | DATE                        |          |
| NAME OF BIDDER:                                                                                                                          |                                                                                                         | ADDRESS:         |                                                                                                                                                                                                                                                                                                                                                                          |                                 |                             |          |

1. 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

### 3. SECTION IV: SPECIFICATIONS AND PERFORMANCE REQUIREMENTS

#### General

This RFQ calls for the supply and delivery of one (1) submersible pumps complete with cables.

#### Operation

The motors shall be suitable for DOL starting and operation. Start-up frequency shall be 50Hz and the operating frequencies shall be 50Hz.

The pumping medium is clear water between 15°C and 30°C.

#### Pump

The pumps shall be selected to operate at a speed **not exceeding 3000 r/min (50Hz)** at the primary duty point. Detailed Head – Flow (H-Q) curves at 50Hz from shut-off and up to a run-out shall be included in the offer.

The following information at 50Hz, detailed in SI units from shut-off and up to a run-out, shall be included as part of the offer:

- A Head vs. Flow (H-Q) curve,
- NPSH vs. Flow curve.
- Efficiency vs. Flow curve,
- Shaft Power Required vs. Flow curve.

The H-Q curves of the respective offered pumps shall pass **through or within 10% above** the duty points listed in the table below. The respective pump efficiency at the primary duty point shall equal or exceed the minimum specified in the table.

**Table 1: Duty Points**

| Item No. | Borehole Number | Pump Curve Characteristics    |                                    |                               |
|----------|-----------------|-------------------------------|------------------------------------|-------------------------------|
|          |                 | Point 1                       | Duty Point                         | Point 2                       |
| 1        | WW 100350       | 12 m <sup>3</sup> /h @ 92 mWh | <b>14 m<sup>3</sup>/h @ 84 mWh</b> | 16 m <sup>3</sup> /h @ 76 mWh |

The flow ratio (**Q/QBEP**) at the duty flow shall be between **70% and 105%**.

All pumps shall be fitted with a built-in discharge non-return valve and the pump curves shall be for the pump including the non-return valve.

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

- Pump make & model
- Serial number
- Best efficiency flow & pressure

- Maximum shaft power required
- Pump mass

### ***Motor***

The power supply is 400V± 10% AC, 3-phase, 50Hz ± 5%. Motors shall be sized to have a rated shaft power of at least **115%** of the maximum shaft power required by the pump unless otherwise stated.

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

- Motor make & model
- Serial number
- Rated shaft power
- Rated current at 380V, 400V and 415V
- Full-load operating speed at 380V, 400V and 415V
- Efficiency at 380V, 400V and 415V
- Cos Ø at 380V, 400V and 415V
- Motor mass

### ***Submersible Cable***

Each pump unit shall be fitted and supplied with a factory fitted lead-out cable of at least **0.5 meters** above pump discharge. An additional length of cable as indicated in the table below, shall be supplied as a 4-core, cylindrical type submersible motor cable adequately sized for direct-on-line starting and continuous duties complete with termination kits.

| #   | Borehole Number | Pump Installation Depth (m) | Cable Length (m) |
|-----|-----------------|-----------------------------|------------------|
| 1.1 | WW 100249       | 75                          | 80               |

A maximum voltage drop of 2.5% will be allowed at full load current and 15% at start-up.

The following values and formulas will be used to calculate the minimum size of the submersible cable:

$$\Delta V = 1,73 * I * L * t * R / 1000$$

I – Full load current, L – Cable length (meter), R – Conductor resistance at 45°C (Ohm/km) and t – Temperature correction factor, use t=1,12

### ***Motor Cooling Sleeves***

Water-cooling flow past the electrical motors shall be as per Manufacturer's specifications. **If not**, Bidders should include for the supply of cooling sleeves to be installed with pump sets in order to meet these specifications.

**NOTE: The cooling sleeves are optional, but if not offered, Bidders should confirm that the flow past the motor is according to the manufacturer's specifications with the installed casing diameter.**

However, if the inside diameter of the casing is too small for the cooling sleeves to fit the borehole casing, Bidders should still confirm whether the flow past the motor is still according to Manufacturer's specifications with the installed borehole casing inside diameter.

See applicable casing inside diameter in the bidding document regarding the pump dimensions, pump discharge sizes and casing diameters.

If offered, the cooling sleeves should be manufactured from the **same material** as the pump sets body and all fastening material should be included

### ***Performance testing***

The pump performance testing shall be in accordance with **ISO 9906 Grade 2B** specification and conducted at a test facility with valid ISO 9906 certification.

Performance acceptance tolerances for flow, total head and efficiency shall be as per **ISO 9906 Grade 2B**. Test certificates are required for all the pumps supplied.

The pumps shall be tested at the following point at the Primary, 2<sup>nd</sup> and third duty point, as well as shut off.

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

### ***Inspections***

NamWater will inspect all items upon delivery to ascertain compliance with claimed specification correct. NamWater will not send a technical person to go inspect the items at the factory, the onus thus rest with the supplier to ensure that all items are to specifications before delivery is made to NamWater.

Payment will only be made if all the delivered items are according to claimed specifications.

### ***Supporting Literature***

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

- A complete operating manual including technical information of all equipment supplied.
- A workshop/maintenance manual containing detailed tolerances required for servicing.
- A sectional view of the pump and motor with parts list.

The above data can be submitted in PDF software format.

### ***Technical Information***

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

### ***After Sales Services***

An authorised service agent capable of servicing the offered pumps and motors must be located in Namibia. The service agent must be able to supply wear items including pump impellers to NamWater Head office within 30 working days of receipt of an order for such items.

### ***Warranty***

The offer must provide a warranty of minimum 12 months on performance and mechanical wear from the day of delivery as a commitment on quality of offered items.

### ***Importance of Efficiency & Guaranteed Value***

Suppliers must guarantee their offered pump efficiency percentage at the specified duty points. Bidders shall accept an in situ pump efficiency test by reservoir drawdown measurement, certified motor efficiency and certified dual electrical kW meters.

#### **4. SECTION V: SPECIFICATIONS AND COMPLIANCE SHEET**

Procurement Reference Number: Procurement Ref No.**G/RFQ/NW-031/2027**

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.**

**Pump: Materials of Construction**

| <b>Item No</b> | <b>Technical Specification Required</b>                                        | <b>Compliance of Specification Offered</b> | <b>Details of Non-Compliance/ Deviation (if applicable)</b> |
|----------------|--------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------|
| <i>A*</i>      | <i>B*</i>                                                                      | <i>C</i>                                   | <i>D</i>                                                    |
| <b>1</b>       | Shafts constructed of stainless steel 1.4301, 1.4408 or 1.4462.                |                                            |                                                             |
|                | Strainer: shall be of stainless steel 1.4301, 1.4408 or 1.4462.                |                                            |                                                             |
|                | Non-Return Valve: shall be of stainless steel 1.4301, 1.4408 or 1.4462.        |                                            |                                                             |
|                | Cable Protection Shield: shall be of stainless steel 1.4301, 1.4408 or 1.4462. |                                            |                                                             |
|                | Tie-Bolts or Tie-Bands: shall be of stainless steel 1.4301, 1.4408 or 1.4462.  |                                            |                                                             |
|                | Casings/Bowls: shall be of stainless steel 1.4301, 1.4408 or 1.4462.           |                                            |                                                             |
|                | Impellers and bowls constructed of stainless steel 1.4301, 1.4408 or 1.4462.   |                                            |                                                             |
|                | Diffusers: shall be of stainless steel 1.4301, 1.4408 or 1.4462.               |                                            |                                                             |
|                | Wear Rings: shall be of stainless steel 1.4301, 1.4408 or 1.4462.              |                                            |                                                             |
|                | Fasteners of stainless steel 1.4301, 1.4408 or 1.4462.                         |                                            |                                                             |

| Item No   | Technical Specification Required                                                                                                                                                                        | Compliance of Specification or Information Offered | Details of Non-Compliance/ Deviation (if applicable) |
|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------------------------------|
| <i>A*</i> | <i>B*</i>                                                                                                                                                                                               | <i>C</i>                                           | <i>D</i>                                             |
|           | <b><u>Pump</u></b>                                                                                                                                                                                      |                                                    |                                                      |
|           | Pump Operating speed is 2900 ± 100 rpm.                                                                                                                                                                 | Yes / No                                           |                                                      |
|           | Pump Discharge Size Female                                                                                                                                                                              | .....BSP / .....mm                                 |                                                      |
|           | Performance testing and Performance tolerance acceptance for flow, total head and efficiency at duty flows according to standard ISO 9906 Gr. 2B                                                        | Yes / No                                           |                                                      |
|           | The impellers shall be located on the shaft by means of a positive locking device, e.g. key-ways and spacer/taper sleeves and secured with a locknut; <b><i>taper-locks will not be acceptable.</i></b> | Yes / No                                           |                                                      |
|           | The impeller vanes shall be continuous welded to the web.                                                                                                                                               | Yes / No                                           |                                                      |
|           | Non-return valve fitted.<br><br>Pump curve is specified with non-return valve fitted                                                                                                                    | Yes / No                                           |                                                      |
|           | Shaft, Bearings, Suction grid,<br>Cable protection shield, Tie-bolts                                                                                                                                    | Yes / No                                           |                                                      |

|  |                                                                                                                                                                         |          |  |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--|
|  | or Tie-bands, Casing/Bowls, Diffusers, Wear ring, Bolts, nuts & washers are made of stainless steel or equivalent material.                                             |          |  |
|  | <b><u>Motor</u></b>                                                                                                                                                     |          |  |
|  | Canned submersible motors' (not rewindable).                                                                                                                            | Yes / No |  |
|  | At least, Class F insulation or superior and minimum of four (4) starts per hour required.                                                                              | Yes / No |  |
|  | Motor enclosure standard is NEMA (National Electrical Manufacturers Association).                                                                                       | Yes / No |  |
|  | Inrush current, input surge current, or switch-on surge (during start-up) is at most 6 times the normal load current.<br><br>Maximum of 6 times the normal load current | Yes / No |  |
|  | Delta Winding connection type                                                                                                                                           | Yes / No |  |
|  | Maximum <b>5 ±0.5%</b> power deration at 2% voltage imbalance                                                                                                           | Yes / No |  |
|  | Maximum of <b>5%</b> allowable current imbalance                                                                                                                        | Yes / No |  |
|  | Voltage imbalance information included for each unit                                                                                                                    | Yes / No |  |

|  |                                                                                          |            |  |
|--|------------------------------------------------------------------------------------------|------------|--|
|  | Shaft seal for motor material is <b>Silicon Carbide</b>                                  | Yes / No   |  |
|  | Thrust bearing cooling is by water cooling                                               | Yes / No   |  |
|  | Radial bearing material is of graphite type                                              | Yes / No   |  |
|  | Ingress Protection Code is IP 68 or better Rating.                                       | Yes / No   |  |
|  | Motor Rated speed is 2900rpm and Operating Voltage is 400V                               | Yes / No   |  |
|  | Method of starting is direct-on-line                                                     | Yes / No   |  |
|  | Motor power reserve (%) at any point of the Head-Flow curve of the pump is at least 10%. | Yes / No   |  |
|  | Lower limit of <b>380V -10%</b> voltage tolerance at 50Hz                                | Yes / No   |  |
|  | Higher limit of <b>415V +6%</b> voltage tolerance at 50Hz                                | Yes / No   |  |
|  | Voltage unbalance de-rating charts submitted                                             | Yes / No   |  |
|  | Is the motor water/glycol filled?                                                        | Yes / No   |  |
|  | Does the lead-out cable and submersible cable contain the earth?                         | Yes / No   |  |
|  | If not, is a stud provided?                                                              | Yes or N/A |  |

|           |                                                                                                                          |                          |  |
|-----------|--------------------------------------------------------------------------------------------------------------------------|--------------------------|--|
| <b>B2</b> | <b>Submersible pump-motor set Specification - WW100350</b>                                                               |                          |  |
|           | <b>Make and Model of Pump</b>                                                                                            |                          |  |
|           | Flow rate @ 84 mWh is 14 m <sup>3</sup> /h.                                                                              | Yes / No                 |  |
|           | Head @ 14 m <sup>3</sup> /h is 84 mWh.                                                                                   | Yes / No                 |  |
|           | Pump efficiency at duty point is at least >70%.                                                                          | Yes / No                 |  |
|           | Duty flow ratio (Q/Q <sub>BEP</sub> ) is 80% - 105%.                                                                     | Yes / No                 |  |
|           | <b>Make and Model of the motor</b>                                                                                       |                          |  |
|           | Minimum motor efficiency as specified for motor rated output power [shaft power]<br>(See PART 2 – Supply Requirements)   | ..... kW<br>& .....%     |  |
|           | Maximum power on the power curve                                                                                         | ..... kW                 |  |
|           | <b>Maximum</b> power on the power curve plus 15% power reserve <= Motor power rating                                     | Yes / No<br><br>..... kW |  |
|           | Motor rated output power                                                                                                 | ..... kW                 |  |
|           | Motor recommended is at least 0.75kW Minimum motor rating (based on the 15% power reserve on maximum power on the curve) | Yes / No                 |  |

|  |                                                                                                                   |                                               |            |
|--|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------|
|  | Rated current at 400 V                                                                                            | ..... [Ampere]                                |            |
|  | Motor efficiency @ full load [%]                                                                                  | <b>As per requirement:<br/>..... Specify.</b> |            |
|  | Motor efficiency @ 75% load [%]                                                                                   |                                               |            |
|  | Motor efficiency @ 50% load [%]                                                                                   |                                               |            |
|  | Full load current [Ampere]                                                                                        |                                               |            |
|  | Power factor at full load []                                                                                      |                                               |            |
|  | Minimum cooling flow velocity<br>past the motor [m/s]                                                             |                                               |            |
|  | Actual calculated cooling flow<br>velocity past the motor with<br>installed borehole casing [m/s]                 |                                               |            |
|  | Is cooling sleeve required?                                                                                       | <b>Yes/No</b>                                 |            |
|  | Cooling sleeve material is<br><b>Stainless Steel (if required)</b>                                                | Yes / No                                      |            |
|  | Maximum diameter of<br>pump/motor unit without cooling<br>sleeve is <b>at most <math>\leq 130\text{mm}</math></b> | Yes/No                                        |            |
|  | Weight of pump/motor unit [kg]                                                                                    |                                               | <b>N/A</b> |
|  | Total length of submersible cable<br><b>is at least 80m.</b>                                                      | Yes / No                                      |            |
|  | Size of submersible cable [mm <sup>2</sup> ]                                                                      |                                               | <b>N/A</b> |

|  |                                                                            |  |     |
|--|----------------------------------------------------------------------------|--|-----|
|  | Calculated voltage drop for submersible cable @ full load current of motor |  | N/A |
|--|----------------------------------------------------------------------------|--|-----|

**NOTE:** Bidders 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    |  |

**\*All Bids shall be accompanied with detailed supporting literature for the pumps and cables to enable Namwater to evaluate the conformity to specification and include additional features.**

## **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**) [www.namwater.com.na](http://www.namwater.com.na) 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.

## SECTION VII: SPECIAL CONDITIONS OF CONTRACT

Procurement Reference Number: **G/RFQ/NW-031/2027**

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

| <b>Subject and GCC clause reference</b>    | <b>Special Conditions</b>                                                                                                                                                                                                                                                                                                |
|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purchaser<br/>GCC 1.1(h)</b>            | The purchaser is: <b>Namibia Water Corporation</b>                                                                                                                                                                                                                                                                       |
| <b>Site<br/>GCC 1.1(m)</b>                 | The Site/final destination for delivery of the Goods is <b>NamWater Stores, Windhoek</b>                                                                                                                                                                                                                                 |
| <b>Incoterms Edition<br/>GCC 4.2(b)</b>    | Incoterms shall be governed by the rules prescribed in Incoterms 2010.                                                                                                                                                                                                                                                   |
| <b>Notices<br/>GCC 8.1</b>                 | Any notice shall be sent to the following addresses:<br>For NamWater, the address and the contact name shall be:<br>The Accounting OfficerE-mail: <a href="mailto:Bids@namwater.com.na">Bids@namwater.com.na</a><br>Private Bag 13389 Windhoek, Namibia.<br><br>For the Supplier, the address and contact name shall be: |
| <b>Delivery and Documents<br/>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.<br>The documents to be furnished by the Supplier are:<br>(a) signed delivery note<br>(b) Invoice                                                                                                          |
| <b>Price Adjustment<br/>GCC 15.1</b>       | <b>Not Applicable</b>                                                                                                                                                                                                                                                                                                    |
| <b>Terms of Payment<br/>GCC 16.1</b>       | 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                                                                                                                                                                 |
| <b>Terms of Payment<br/>GCC 16.3</b>       | Payments shall be made not later than thirty days after month of invoicing and submission of an invoice and its certification by the Purchaser.                                                                                                                                                                          |
| <b>Terms of Payment<br/>GCC 16.4 (a)</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.                                                                                                                                                              |

| Subject and GCC clause reference                     | Special Conditions                                                                                                                                              |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Performance Security<br/>GCC 18.1</b>             | <b>Not Applicable</b>                                                                                                                                           |
| <b>Packing<br/>GCC 23.2</b>                          | The packing, marking and documentation within and outside the packages shall be: <b>As per Manufacturer Original packaging Marking and Documentation</b>        |
| <b>Insurance<br/>GCC 24.1</b>                        | The insurance coverage shall be as specified in the Incoterms.                                                                                                  |
| <b>Transportation<br/>GCC 25</b>                     | The Goods shall be delivered: DDP – Delivered Duty Paid                                                                                                         |
| <b>Inspection and Test<br/>GCC 26.1</b>              | The inspection and tests shall be to ensure conformance to the specifications                                                                                   |
| <b>Location of Inspection and Tests<br/>GCC 26.2</b> | The inspections and tests shall be conducted at:<br>NamWater<br>176 Iscor Street,<br>Aigams Building<br>Windhoek                                                |
| <b>Liquidated Damages<br/>GCC 27.1</b>               | Liquidated damages for the whole contract are 0.5% per week. The maximum amount of liquidated damages for the whole contract is 5% of the final contract price. |

| Subject and GCC clause reference                 | Special Conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Warranty</b><br><b>GCC 28.3</b>               | <p>The warrantee period for the pumps shall be 12 months from date of commissioning or 18 months from date of delivery, 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> |
| <b>Repair and Replacement</b><br><b>GCC 28.5</b> | <p>The period for repair or replacement shall take place as soon as is reasonably practicable, but shall not exceed the offered delivery period.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

Quotation Checklist Schedule

**Procurement Reference No.: G/RFQ/NW-031/2027**

| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Attached</b> | <b>Not Attached</b> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------|
| Quotation Letter                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |                     |
| List of Goods and Price Schedule                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |                     |
| Specification and Compliance Sheet                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                 |                     |
| Bid Securing Declaration                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |                     |
| Evidences for conformity of Goods                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                     |
| 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;                                                                                                                                                                                                                                                                     |                 |                     |
| 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;                                                                                                                                                                                                                 |                 |                     |
| An original valid good Standing Social Security Certificate                                                                                                                                                                                                                                                                                                                                                                                                                         |                 |                     |
| 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; |                 |                     |
| Submit supporting literature to substantiate compliance. These documents must be from the manufacturer or an authorized manufacturer's representative of the offered goods.                                                                                                                                                                                                                                                                                                         |                 |                     |

|                                                                                                     |  |  |
|-----------------------------------------------------------------------------------------------------|--|--|
| Representatives must provide an authorization letter from the manufacturer confirming their status. |  |  |
|-----------------------------------------------------------------------------------------------------|--|--|

***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.