



RAND WATER

BID NUMBER: RW10380858/21R

DESIGN, MANUFACTURE, SUPPLY, DELIVERY, REFURBISHMENT, INSTALLATION, COMMISSIONING AND PUTTING INTO SERVICE MEDIUM VOLTAGE MOTORS IN ENGINE ROOM 3, 4A, 4B AND RAW WATER ENGINE ROOM 4 AT ZUikerBOSCH PUMPING STATION.

RAND WATER TEAM

- Commercial Team
- Technical Team

PROCEDURE TO BE OBSERVED

- Tender documents are available on the National Treasury website.
- Issue Date: **Thursday, 12 January 2023**
- Closing date: **Wednesday, 22 February 2023**
- A non-compulsory Site viewing session will be held on Friday, 20 January 2023 from 10H00am to 13H00.
- Submissions must be deposited before 12:00 noon at No:522 Impala Road Glenvista.
- All submissions after closing date will be rejected.
- Contact persons: Semakaleng Mangoali and Bongani Ndwandwe (Supply Chain).

VALIDITY PERIOD

- The tender shall remain valid for a period of 180 days from the date of closing of the tender. Rand Water reserves the right to extend the validity period if required.

PRE-QUALIFIERS

1. Fully completed and signed Form of Offer.
2. Letter of Good Standing from the Department of Labour or an Accredited Institution.
3. The use of correction fluid or any other similar substance to make corrections is not permitted.
4. Bidder must subcontract a minimum of 30% of the value of the contract (if above R30 million) to an EME/QSE that is a minimum 51% black owned.

The following evidence must be submitted:

- A signed Subcontracting agreement stipulating the percentage to be subcontracted
- A signed subcontracting stipulating specialized category

5. CIDB Registration for Subcontractor/s, where CIDB related works are subcontracted, each Subcontractor must also be registered with the appropriate CIDB grading in accordance with the value of the work to be undertaken by that Subcontractor, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the CIDB grading of this bid; in accordance with the CIDB prescripts.

- Where the CIDB requirement for subcontracted work is not met, this pre-qualifier has not been met.
- Proof of B-BBEE status for Subcontractor/s

6. Bidders must be registered with the CIDB or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the CIDB grading of this bid; in accordance with the CIDB prescripts.

7. Fully completed Local Content Declaration Forms for each of the designated sectors as provided and minimum stipulated thresholds for this bid, as outlined in Schedule (Page 29-33).

The bid meets the following minimum thresholds: -

- 100% minimum threshold for local production and content for the steel value added products and components as stipulated in Schedule (Page 29-33) of the Commercial Part or Exemption from the Minister of Finance in the case of non-compliance to the Local Content threshold.
- 90% minimum threshold for local production and content for the different types of Electrical and Telecom cables as stipulated in Schedule (Page 29-33) of the Commercial Part or Exemption from the Minister of Finance in the case of non-compliance to the Local Content threshold.
- 80% minimum threshold for local production and content for the different types of Conveyance Pipes as stipulated in Schedule (Page 29-33) of the Commercial Part or Exemption from the Minister of Finance in the case of non-compliance to the Local Content threshold.
- 70% minimum threshold for local production and content for the different types of Pumps, Medium Voltage Motors and Associated Accessories as stipulated in Schedule (Page 29-33) of the Commercial Part or Exemption from the Minister of Finance in the case of non-compliance to the Local Content threshold.
- 50% minimum threshold for local production and content for the different types of Air Insulated Medium Voltage Switchgear products as stipulated in Schedule (Page 29-33) of the Commercial Part or Exemption from the Minister of Finance in the case of non-compliance to the Local Content threshold.

Submission of Socio-Economic Development (SED) proposal in accordance with Rand Water's requirements and targets in T2.2.9 and the signing of the SED schedule in its entirety.

COMMERCIAL- RETURNABLES

Commercial Section

- Page 17-19 of 88 –Detailed list of required returnables.

TECHNICAL PART

BID NUMBER: RW10380858/22RR

SCOPE OF WORK

The overall scope for the project is to replace the 1st stage MV Motors on Pump-sets 19, 23, 24 & 25 and 2nd stage MV Motors on Pump-sets 29 & 30 at Engine Rooms 3 & 4 as well as **provide** Motors for Pump-sets 5 & 6 at Raw Water Engine Room 4 (**Refer to detailed Scope of Work in Bid Document**).

This work includes the following major activities:

- Replacement of the 1st stage Induction Motor on Pump-set 19 at Engine Room 3;
- Replacement of the 1st stage Slip-ring Motors on Pump-sets 23, 24 & 25 at Engine Room 4A;
- Replacement of the 2st stage Slip-ring Motors on Pump-sets 29 & 30 at Engine Room 4B;
- Installing Unit Power Factor unit corrections for the pump-sets at ER 2, ER 3, ER 4A, ER 4B and Raw Water ER 4
- Modification of the existing Electrical panels to cater for the newly installed motors;

SCOPE OF WORK...

- Modification of existing Mimic panels at ER 4A and ER 4B
- Modification of the existing Automation panels to cater for the newly installed motors;
- Re-sizing and installation of cooling water and cooling oil pipes for the new motors;
- Construction of new pump and motor plinths as per condition assessment report;
- Replace all affected pump-set instruments to cater for new motors;
- PLC, HMI and SCADA automation programming for integration into existing software;
- Decommissioning and disposal of all redundant equipment.

Evaluation Process

Rand Water conducts a two stage evaluation process for all bids, intending to provide services or goods to the organization as follows:

- First part of the evaluation process is the functionality evaluation (**Technical part of the tender document**).
- All bids evaluated at this stage must achieve a minimum of 70% scoring.
- Below 70 % will not be considered to second stage of the evaluation.

Technical Evaluation will be based on:

- a) Record of Previous Experience relevant to the current scope/ work (with contactable client ref.)
 - b) Overall Performance on Previous Work
 - c) Quality Management Systems
 - d) Human Resource Capacity
 - e) Equipment Resource Capacity
 - f) Risk Introduced by Bid Qualifications
 - g) Project Risk Management
 - h) Detailed Project Programme
 - i) Method Statement
 - j) SHERQ
- Rand Water shall then apply the objective criteria in accordance with the PPPFA that will determine the evaluation outcome
 - Part of the functionality evaluation Rand Water also uses a Financial Tolerance Range
 - Award is then based on the preferential point system. **NB:** award based on quality of submission not reputation

RETURNABLE DOCUMENTS

- Pay attention to all returnable under T Section and ensure that they appropriately returned.
- Non-submission of any item listed only under the column “Required for Bid Evaluation” may result in the bid being rejected by the Employer.
- Returnable Schedules for Equipment as provided in the bid are to form part of returnable documents.
- Explanations for all for returnable are included



RAND WATER

THANK YOU