

**APPOINTMENT OF A PANEL OF CONTRACTORS FOR THE GENERAL ROUTINE
MAINTENANCE OF WATER SUPPLY SYSTEM INCLUDING MECHANICAL,
ELECTRICAL AND CIVIL EQUIPMENT AS AND WHEN REQUIRED FOR A PERIOD
OF 36 MONTHS.**

CONTRACT NO.: BW243/GRM/20

T1.1 : TENDER NOTICE AND INVITATION TO TENDER

Bloem Water is a schedule 3B Public Business Enterprises (PFMA, Act 1 of 1999), which has been established in terms of the Water Services Act (Act 108 of 1997).

Bloem Water is a Water Board, with the mandate to provide water services to the Southern and Central areas of the Free State Province.

Suitably qualified contractors are invited to submit proposals to perform General Routine Maintenance of Water Supply System Including Mechanical, Electrical and Civil Equipment as and When Required for a Period of 36 Months.

Tenderers should have *specific* experience of the work for which a bid is submitted with CIDB grading of Mechanical Works (3ME PE, 4 ME or higher), Electrical works (3EP PE, 4 EP or higher) and General Civil Works (3CE PE, 4 CE or higher) for the appropriate tenders. Potentially emerging enterprises who satisfy criteria stated in the Tender Data may submit tender offers.

Only tenderers who are registered with CIDB under ME, EP and CE grading are eligible to submit tenders.

Bloem Water has divided its operations into three regions, namely:

- Modder River Region (MRR);
- Caledon River Region (CRR); and
- Orange River Region (ORR).

The following are Bloem Water Treatment Works and their respective locations:

1. Welbedacht Water Treatment Works
2. Rusfontein Water Treatment Works
3. Bethulie Water Treatment Works X2 (old and New WTW)
4. Xhariep Water Treatment Works
5. Tienfontien Raw Water Pump station
6. Novo Pump Station
7. Phillipollis Water Treatment Works
8. Jagersfontein WTW

9. Groothoek WTW
10. ALL Booster Pump Stations & outside pump stations
11. ALL the Oxidation Ponds
12. Sludge Lagoons (ALL the Regions)

Scope of Works

The Scope of Work is defined as outline below, **but not limited to:**

1. Mechanical Equipment:

- 1.1 Pumps conditions -High Lift & Low Lift, Booster pump stations and outside pump stations
- 1.2 dosing chemical pumps,
- 1.3 Status of the valves - Reservoirs Control Valves, Sourer, Isolating and Air valves at the WTW
- 1.4 Sedimentation Primary Settler -condition of the Bridges & the gearbox
- 1.5 Sedimentation Secondary Settler -condition of Blowers, extraction fans and the valves

2. Electrical conditions: state of electrical equipment

- 2.1 Pump stations HV Panels,
- 2.2 Pump Motors condition in High Lift Pump station (Clear Water), Low Lift Pump Station (Raw Water), Backwash Plant, Outside Booster Pump Stations
- 2.3 Dosing chemical pumps (Polyelectrolytes)
- 2.4 Sub-station Transformers condition – (Oil Tests)
- 2.5 In an event where cable re-routing is proposed, schematic should be provided.
 - a) MCC's Conditions
 - b) VSD's & Soft Starters

3. PLC and Telemetry:

- 3.1 Equipment in the Pump stations and Outstations
- 3.2 Water Treatment Plant (current condition and challenges).
- 3.3 Communication, monitoring and Automation in relation with (SCADA)

4. Instrumentation: field instruments (pressure switches, Temperature Probes, Flow Switches, conditions for the following:

- 4.1 The Plant;
- 4.2 Outstations and Pump Station controls;
- 4.3 Protections on the pumps and motors, motor controls.

5. Process Units

- 5.1 Filtration Process – Sand media grading, sluice Gates, Valves (air, wash valve, filter valves)
- 5.2 Sedimentation Tanks – Round Dam, Scrapper Bridge, scour valves, Gearbox, Stirrers, Turbo Circulators rotating Bridge (all mechanical and Electrical Equipment)
- 5.3 Secondary Sedimentation – Pulsators Vacuum Extractor Fans, The Baffle Plates, Overflow weirs, pipes (all mechanical and Electrical equipment)
- 5.4 Disinfection: Chlorine Rota meters, Vacuum Extractors, the manifold, the chlorine scales calibrations (refurbishment of the dosing system)
- 5.5 Dosing Pumps: Calibrations, connecting pipes, automation
- 5.7 Back wash Pumps Stations: All mechanical, electrical and equipment for the pumps and controls
- 5.8 Bulk Storage for Chemicals (Lime, Chlorine, Polyelectrolytes).

Pre- Qualification Specific Tender Conditions:

The pre-qualifying criteria objective is to advance certain designated groups that meets the specific tendering condition

- (a) a tenderer having a stipulated minimum **B-BBEE status level 2** of contributor;
- (b) an EME or QSE;

"Designated group" means

- i. Black people;
- ii. Black Designated groups;
- iii. Women;
- iv. People with disabilities; or
- v. Small enterprise, as defined in the National Small Enterprise Act, 1996 (Act No. 102 of 1996).

Where bid documents can be obtained:

Website: www.etenders.gov.za - National Treasury Website – eTender Publication

Website: www.bloemwater.co.za – Bloem Water Website

Document will be uploaded on the above-mentioned platform on **Wednesday, 17 June 2020**.

A non-compulsory briefing session with representatives of the employer will be take place on **Monday, 22 June 2020** at the Bloem Water Head-Office Entertainment Area, 02 Mzuzu Street, Pellissier, Bloemfontein, starting at 11h00 (COVID-19 Protocols will be observed during briefing to minimise the spread of the virus).

The office coordinates are - **29°08'42.2"S 26°09'23.5"E**

Completed proposals must be addressed as below and deposited before **12:00 on 10 July 2020 Friday**, at the Tender Box situated at the Bloem Water Reception Area for Attention:

Supply Chain Management
Bloem Water
2 Mzuzu Street,
Pellissier,
Bloemfontein,
9322

Proposal must be submitted in one **(1) envelope** clearly marked:

Request for Proposal (RFP): Appointment of a panel of contractors for the General Routine Maintenance of water supply system including mechanical, electrical and Civil Equipment as and when required for a period of 36 Months – Contract No.: BW243/GRM/20

Bloem Water promotes Broad Black Economic Empowerment. The name of the firm submitting the tender shall be clearly shown on all correspondence. An appointment will be made in terms of the approved Supply Chain Management Policy of the Board of Bloem Water.

Service Providers who meet the specified quality criteria will be further evaluated in line with the Preferential Procurement Policy Framework Act (PPPFA) principle of 80/20. Bloem Water reserves the right not to award the tender to the highest scoring bidder

Proposals which are incomplete, filled incorrectly, or telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted.

Should you do not receive any feedback from Bloem Water after 60 days of submission, consider your tender unsuccessful.

Technical Queries can be directed to:

Mr. M Rapudungoane

Executive Operations and Maintenance

Tel: 051-403 0800

Fax: 051-422 5333

E-mail: marupingr@bloemwater.co.za

Tender Administrative Queries can be directed to:

Mr. T Khaeane or Mr. L Moeketsi

Supply Chain Management

Tel: 051 - 403 0800

Fax: 051 - 422 5333

Email: thatok@bloemwater.co.za or leratom@bloemwater.co.za

NB: *Service Providers to all departments, constitutional institutions and public entities listed in schedule 2 and 3 of the PFMA are required to self-register on the Central Supplier Database.*