

**BW267/RBIG/MLMLB/21**

**PROVISION OF PROFESSIONAL SERVICES FOR DESIGN, CONSTRUCT AND REFURBISH LADYBRAND WASTE WATER  
TREATMENT PLANT**

**Section 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.

Bloem Water accordingly invites suitably qualified and experienced Service Providers to submit proposals to Bloem Water for the following:

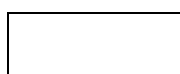
**Scope of Works**

This appointment requires the provision of Services to conduct the following:

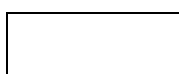
- Professional service provider to deliver Turnkey solution relating to the refurbishment and upgrading of the unit processes of the Ladybrand Wastewater Treatment Works, to ensure components are fully functional and perform to the design parameters to accommodate current and future flows. Through the design, refurbishment and construction of the below works:
  - ✓ Cleaning of the inlets works, grit channels, clarifiers together with aeration basin, through the removal of grit; plant overgrowth and de-sludging (isolating and emptying) of the tanks
  - ✓ Installation of an automated mechanical rake at the inlet structure
  - ✓ Construction of an incinerator
  - ✓ Investigation into feasibility and conversion of surface aerator system to nano-bubbling system
  - ✓ Investigation of structural integrity of the aerator concrete structures
  - ✓ Repair of Settling Tanks (Clarifier) gearboxes and motors
  - ✓ Construction of sludge drying beds

**Terms of reference**

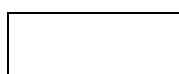
- Professional service provider must be registered with either CESA/ SABBACO or the equivalent;
- Professional service provider will be responsible for appointment of a contractor registered with the department of labour and suitably experienced in wastewater treatment refurbishment works
- Submit and manage the Environmental Authorization Application, with relevant government departments. Perform a detailed Environmental Impact Assessment on behalf of the Mantsopa Local Municipality for construction of sludge drying beds and Incinerator at Ladybrand WWTW.
- Design and submit for approval the conceptual design, Specifications, detailed design and Drawings for the
  - ✓ proposed sludge drying beds.
  - ✓ conversion of Surface Aerators to Nano bubbling system.



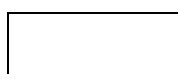
Contractor



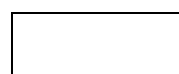
Witness 1



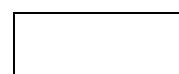
Witness 2



Employer



Witness 1



Witness 2

- Perform or appoint a suitable sub-consultant for the required Surveys such as Geotechnical Investigations.
- Development comprehensive maintenance manuals for future maintenance (electrical. civil. mechanical).
- Development comprehensive Sludge Management Plan.
- The Service Provider should make provision for skills transfer and training of electrical and mechanical departmental including the wastewater treatment facility staff while rendering their service under this Project.
- Construction of sludge drying beds as per the approved Designs and Specifications;
- Construction of the Nano bubbling system as per the approved Designs and Specifications;
- Supply and Installation of automated mechanical rake bar screen at the inlet works including all Electrical and Instrumentation works.
- Inspect the centre bearings for clarifiers and make necessary repairs (if needed) or replace the bearing with new one.
- Provision of all necessary compliance certificates and as built drawings.
- Commissioning and Close-Out: Services to include the Final Inspection at the termination of the Defects Liability Period, the preparation of the Final Completion Certificate and the Final Payment Certificate.

#### **Required Qualifications/Evaluation of Bids:**

Preference will be given to Service Providers who demonstrate previous expertise in the relevant field, capabilities, and have the required qualified human resources and expertise. The prospective service providers must demonstrate competency, mention experience and attach a list of projects they have successfully completed of a similar nature and demonstrate sound ability for project Implementation.

#### **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 of contributor **Level 2**.
- (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).

Preference will be given to Service Providers who have demonstrated previous expertise in the relevant field, capabilities, and have the required qualified human resources.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

**Where bid documents can be obtained:**

Website: [www.etenders.gov.za](http://www.etenders.gov.za) - National Treasury Website – eTender Publication

Website: [www.bloemwater.co.za](http://www.bloemwater.co.za) – Bloem Water Website

The tender document will be available from National Treasury e-tenders and Bloem Water portal from **13 August 2021**.

A **Compulsory Briefing Session** will be held on **18 August 2021**, Ladybrand Wastewater Treatment Works (WWTW), Ladybrand, Free State, Starting at **11h00am**.

The WWTW Coordinates are: **29° 11'36" S 27° 27'18" E**

Completed tender documentation must be addressed as below and deposited before **12:00 on Friday, 10 September 2021** at the **Tender Box situated at the Bloem Water Reception Area** for attention:

**Supply Chain Management**

Bloem Water  
2 Mzuzu Street,  
Pellissier,  
BLOEMFONTEIN,  
9322

Each bidder must submit an envelope clearly marked Tender No. **BW267/RBIG/MLMLB/21 – Provision of Professional Services for Design, Construct and Refurbish Ladybrand Waste Water Treatment Plant** with the bidder's name and address. 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.

Each proposal must be submitted in 2 separate envelopes clearly marked:

- 1. BW267/RBIG/MLMLB/21 – Provision of Professional Services for Design, Construct and Refurbish Ladybrand Waste Water Treatment Plant – Technical Proposal**
- 2. BW267/RBIG/MLMLB/21 – Provision of Professional Services for Design, Construct and Refurbish Ladybrand Waste Water Treatment Plant – Financial Proposal**

The invitation for proposal does not amount to an invitation for offers and Bloem Water reserves the right to accept or reject any proposal or part thereof.

Tenders may only be submitted on the tender documentation that has been issued. **A two-envelope system will be followed.**

Proposals which are incomplete, filled in incorrectly, or telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted which is received after the close of the tender, will not be accepted. Should you not receive any feedback from Bloem Water after 60 days of submission, consider your tender unsuccessful.

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2

**Technical Queries can be directed to:**

Mr T Ngubeni

Executive Engineering and Projects

Tel: 051 403 0800

Fax: 051 422 5333

E-mail: [themban@bloemwater.co.za](mailto:themban@bloemwater.co.za)

**Tender Administrative Queries can be directed to:**

Mr T Khaeane or Mr L Moeketsi

Bloem Water

2 Mzuzu Street

Pellissier

**BLOEMFONTEIN**

Tel: 051 403 0800

Fax: 051 422 5333

Email: [thatok@bloemwater.co.za](mailto:thatok@bloemwater.co.za) or [leratom@bloemwater.co.za](mailto:leratom@bloemwater.co.za)

Contractor

Witness 1

Witness 2

Employer

Witness 1

Witness 2