



**YOU ARE HEREBY INVITED TO QUOTE**

**PROJECT NAME: SPECIFICATION FOR APPLICATION OF BIOMONITORING AT VARIOUS SCHEME AT LNW- PR 42903**

**NAME OF SERVICE PROVIDER**

.....

**CLOSING DATE:**

**FOR ANY RELATED INQUIRIES CONTACT: Tumelo Satekge on 015 2951895/0719076150**

## **Scope of Services**

USER DEPARTMENT: Operations and Maintenance (Scientific Service Unit)

### **DESCRIPTION: APPOINTMENT OF SERVICE PROVIDER TO CONDUCT BIOMONITORING FOR DRY AND WET SEASON AT VARIOUS SCHEMES AT LNW**

#### **1. PURPOSE**

The purpose of this specification is to request a qualified aquatic scientist to conduct biomonitoring for dry and wet seasons at various schemes.

#### **2. BACKGROUND**

Biomonitoring can be a useful tool in assessing the health of freshwater systems alongside other freshwater monitoring and assessment approaches that measure the physical and chemical variables in these environments. Biomonitoring is conducted at all schemes of LNW.

#### **3. SPECIFICATION**

##### **3.1. Project description**

Appointment of the scientific service provider to appoint a qualified aquatic scientist to conduct biomonitoring and bioaccumulation at various schemes of LNW.

##### **3.2 Scope of work**

Aquatic scientists to conduct biomonitoring and bioaccumulation at the following schemes (rivers or dam): Ebenezer WTWT, Olifantspoort, Doorndraai, Flag Boshielo, Marble Hall WTW&WWTW, Groblersdaal WWTW, Malekana WTW, Steelpoort WWTW, WTW, Burgersfort WTW& WWTW, Phalaborwa WTW, Nkadimeng WTW, Tsakane WTW, Nandoni WTW and Politsi WTW. The biomonitoring report must indicate the impact, change, deterioration, and improvement of the aquatic system. The aquatic macro-invertebrate must be sampled using the latest SASS method and the habitat integrity must be assessed using rapid bio-assessment analysis. The biomonitoring should be conducted for dry and wet seasons.

##### **3.3 Extent of the Services**

(a) The following specific services are required:

The biomonitoring of various schemes for dry and wet seasons. The quotation should include both dry and wet seasons.

##### **3.4 Use of reasonable skill and care**

It will be expected of the Service Provider to apply reasoning skills and due diligence in the execution of the duties stipulated in this document which shall include *inter alia* the following: Although the Service Provider's documents may be scrutinized by the Employer, this shall in no way relieve him of his professional responsibility for the proper and prompt execution of his duties. The Employer shall also be entitled to have any documentation or calculations verified by others. In the event of malperformance, default, or negligence, the Employer shall have the right to claim compensation or damages and set off such against any amount payable.

**4. PRICING INSTRUCTIONS**

4.1 Basis of remuneration, method of tendering, and estimated fees

4.1.1 Professional fees for biomonitoring project.

**NB: Disqualification**

Service Providers who do not quote in line with the specification and pricing structure will be disqualified from further evaluation (price and BBBEE evaluation)

**4.1.2 ACTIVITY SCHEDULE (Pricing schedule)**

The table for the activity schedule below must be completed.

BIOMONITORING AND BIOACCUMULATION FOR DRY AND WET				
Activity	Unit	Quantity	Rate	Amount
1. Desktop study	Sum	1	NA	R
2. Biomonitoring	Sum	2	NA	R
3. Bioaccumulation	Sum	2	NA	R
4. Sites work	Sum	17	N/A	R
5. Lab results	Sum	17	NA	R

Total (vat Exclusive)	R
Vat @ 15%	R
Total (vat Inclusive)	R

## 5. EVALUATION CRITERIA

**5.1. Administrative requirements** – Only Service Providers who are registered with CSD and have submitted the following documents will be considered for appointment, namely:

- ✓ Company registration documents
- ✓ Completed SBD forms (SBD4, SBD8, SBD9)
- ✓ BBBEE / affidavit

The preferred Service Provider will be requested to comply with the above and 24 hours will be given to the Service Provider to ensure compliance.

The pricing schedule must be completed in full.

### 5.2 Mandatory Requirements

- ✓ The service provider submits proof of qualification – a degree/ diploma of aquatic scientist.

**Note: All Returnable must be emailed to [mamokidim@lepelle.co.za](mailto:mamokidim@lepelle.co.za) on or before the closing date mentioned above.**