



BA-PHALABORWA MUNICIPALITY  
MEMORANDUM  
- BUDGET AND TREASURY -

**TO** : *Prospective Service Provider*  
**FROM** : *SCM /STORES*  
**DATE** : *03/08/2023*  
**ENQUIRIES** : *STORES*  
**TELEPHONE** : *015 780 6361/62*  
**REF** : *REQ2251*

Kindly furnish this office with a written quotation for supply of goods/ services as detailed below. The quotation must be submitted on the letterhead of your Business and Brought to our offices 3 Nyala Street, Phalaborwa not later than **11/08/2023 at 12H00**

<b>QUANTITY</b>	<b>Description</b>	<b>PRICE/UNIT (Inc. VAT)</b>	<b>DELIVERY PERIOD</b>
<b>1</b>	<b>Request for an Environmental Engineer (Auditor) to perform</b>		
	<b>Landfillsite Audits for Ba-phalaborwa Municipality two old landfillsites.</b>		
	<b>The service provider must be registered with the Institute of Waste</b>		
	<b>Management South Africa (IWMSA).</b>		
	<b>In line with closure license number: 12/4/10/8-A/14/M4.</b>		
	<b>The Environmental Engineer to produce closure reports for both</b>		
	<b>Namakgale and Gravelotte old landfill sites</b>		

**Please number your quotes (Your Ref no)**

*The following conditions will apply:*

- *Price (s) quoted must be valid for at least thirty (30) days from date of your offer.*
- *The municipality retains the prerogative to reject any quotes it deems to be excessive*
- *A firm delivery period must be indicated.*
- *Tax Clearance Pin*
- *A service provider be registered with central supplier database (CSD)*
- *Registered with CIPRO (CK 1 or 2 document)*
- *BBBEE Certificate certified by a SANAS accredited institution.*
- *Completed MBD4 (Declaration of Interest) Form*
- *Evaluation criteria: 80/20 (Whereby 80 is for price and 20 is for BEE)*  
*20 is further evaluated: 2 for being Youth, for being a Military veteran, and for being a Woman; And 18 for being Black*

**Fill in and Return the Declaration of Interest Form.**

# BA-PHALABORWA LOCAL MUNICIPALITY

## ENVIRONMENT AND WASTE MANAGEMENT SECTION

### SPECIFICATION FOR AN ENVIRONMENTAL ENGINEER (AUDITOR) TO DEVELOP A CLOSURE AND RISK ASSESMENT REPORT FOR NAMAKGALE AND GRAVELOTTE LANDFILL SITES.

#### 1. PERSONAL DETAILS

- Qualified Environmental Engineer (Auditor) with relevant qualification.
- Registered with Engineering council of South Africa and Institute of Waste Management of South Africa.
- Relevant experience in Environmental Engineering, especially Landfill site.

#### 2. DETAILS FOR CLOSURE AND RISK ASSESMENT REPORTS FOR NAMAKGALE AND GRAVELOTTE LANDFILL SITES

- Not limited to the following:

- 2.1. Introduction
- 2.2. Background
- 2.3. Site location and status quo.
- 2.4. Landfill method
- 2.5. Scope and objectives of the report.
- 2.6. Details of Environmental Assessment Practitioner.
- 2.7. Public Participation Process undertaken to date.
- 2.8. Context and objective of the closure
- 2.9. Content of a closure and rehabilitation plan for a landfill site.
- 2.10. Completeness of data for the closure plan.
- 2.11. Approach to use of the closure and rehabilitation plan.

#### 3. CLOSURE AND SITE REHABILITATION REQUIREMENTS

- 3.1. Specification for landfill closure and rehabilitation.
- 3.2. Lateral Landfill gas migration Management.
- 3.3. Shaping and sloping of the site.
- 3.4. End use planning.
- 3.5. General rehabilitation recommendations for the site.

- 3.5.1. Cover material
- 3.5.2. Erosion control
- 3.5.3. Re-vegetation
- 3.5.4. Maintenance of rehabilitation
- 3.5.5. Access control
- 3.5.6. Storm water and leachate management
- 3.5.7. Post closure monitoring.
- 3.6. Monitoring and Auditing
- 3.7. Environmental Management programme.
- 3.8. Geo-hydrological test

#### **4. RISK ASSESSMENT**

- 5.1.1 Hazard and Risk Identification
- 5.1.2 Risk to Groundwater
- 5.1.3 Risk to Surface Water
- 5.1.4 Risk from Gas Accumulation
- 5.1.5 Risk due to Surface Exposure

#### **5. FINANCIAL PROVISION FOR CLOSURE AND REHABILITATION**

- 5.1. Conclusion
- 5.2. References