

# EMALAHLENI LOCAL MUNICIPALITY



## **APPOINTMENT OF A SERVICE PROVIDER FOR THE MAINTANANCE AND OPERATION OF LEEUWPOORT LANDFILL SITE FOR A PERIOD OF 36 MONTHS**

### SCOPE OF WORK

#### **1. PURPOSE**

To request for formal proposals/ bids from service providers for operation and management of the Leeuwpoort landfill site for a period of thirty-six (36) months.

#### **2. BACKGROUND/MOTIVATION**

The Municipality is charged with waste management responsibility within its area of jurisdiction in terms of Section 52 of the constitution and the National Environmental Management Act (NEMA). To fulfil its obligation, the municipality has draft Integrated Waste Management Plan which guides the entire process of waste management in the Municipality, this plan directly sources its mandate and principles from the NEMA.

The Leeuwpoort landfill site covers an area of 55ha. It is approximately 1km north-west of the Witbank Prison, approximately 9km north-west of the centre of Witbank and 5km north of Kwa-Guqa. Access to the site is directly from the Witbank-Verena Road, which forms the western boundary of the site, the facility does not have water on site, the Service Provider is expected to provide water for dust suppression or alternative measures.

The existing entrance and buildings will be used by the contractor however the Service Provider will be expected to provide temporary offices. The facility is receiving waste from Witbank, Kwa-Guqa, Industries, general public and private contractors.

#### **3. OBJECTIVES**

To ensure sustainable waste management of landfill site within the Municipal area.

This arrangement is in line with the Council draft Integrated Waste Management Plan. Waste Management is a critical basic service, crucial and dire essential service that needs to be managed carefully to avoid environmental health threats and the wellbeing of the ecosystem and the broader society. This service is considered and monitored by the statutory bodies for environmental compliance to ensure a healthy and safe environment as determined and defined by the Constitution of the Republic of South Africa and National Environmental Management Waste Act no 59 of 2008 (NEMA).



#### **4. SCOPE OF WORK**

**The operation of the landfill site by the contractor will involve the following major functions:**

- Daily spreading, compaction and covering of waste
- Disposal of condemned foodstuff and animal carcasses
- General cleaning of access road and disposal site road, including the waste generated by reclaimers/recyclers.
- Excavation and transportation of cover material.
- Importing of cover material: The contractor must make provision for the transportation of cover material from outside the landfill into the designated area inside the landfill site.
- Annual external audit reports, Surveys and Water Sampling as per site permit conditions
- Provision of day and night security guards on site
- Ongoing and concurrent rehabilitation and closure
- Handling and managing the reclaimers/recyclers and recyclables on site
- All necessary activities to ensure compliance with the permit conditions
- Monitoring, record keeping and reporting as per SLA and permit conditions
- Minimum Plant and equipment as per SLA
- Maintenance of internal roads (outgoing and incoming)
- Dust control – the contractor must make provision for the collection and transportation of water for dust suppression offsite
- Compliance with Health, Safety and Environmental Standards (Safety File)
- Maintanance and install installation of synage
- Record vehicles and Solid waste data entering the landfill site
- Weighbridge Maintenance (Which includes supply, repair and maintenance of computers, printers and all necessary software
- Verification or calibration of the weighbridge.
- Water Sapling and Audit (External report
- Drill and monitor groundwater monitoring
- Cleaning and Maintenance of the leachate dam



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**SECTION A – Equipment**

- 1 x 26-28-ton landfill site compactor – full time
- 1 x TLB or Excavator – full time
- 2 x 10m<sup>3</sup> Tipper Truck – full time
- 1 x 5 000-liter Water Tanker (Dust suppression) – Fulltime
- 1 x Front End Loader – as and when required
- 1 x Grader – as and when required
- 1 x Bull Dozer (sloping) – as and when required
- 1X Low-Bed-As and when required

**NB:** The contractor shall supply all plant and equipment required for the execution of the landfill site to ensure that such plant and equipment are at adequate and operational in all aspects to ensure compliance with the terms and conditions of the contract, and the municipality will **Solely** pay for functional and operational equipment on site, and the turn around period as and when there as a breakdown of equipment it shall be 12(twelve) hours for a backup equipment to be on site again.

**SECTION B – Personnel**

- 1 x Site Supervisor – full time
- 1 x Spotter – full time
- 4 x Armed Security Personnel (Day and Night) – full time
- 4 x Drivers/Operators – full time
- 1 x SHE Officer