



BA-PHALABORWA MUNICIPALITY
MEMORANDUM
- BUDGET AND TREASURY -

TO : Prospective Service Provider
FROM : SCM /STORES
DATE : 11/12/2024
ENQUIRIES : STORES
TELEPHONE : 015 780 6361/62
REF : RFQ6855

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 **20/12/2024 at 12H00**

QUANTITY	Description	PRICE/UNIT (Inc. VAT)	DELIVERY PERIOD
1	Request for establishment of composting facility on the landfill		
	Site in order to reduce the high volume of garden waste		
	The facility will be a better place for the operation of a wood chopper		
	See specification attached		

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)
- Completed MBD4 (Declaration of Interest) Form
- Evaluation criteria: 80/20 (Whereby 80 is for price and 20 is for Objective goals)
20 is further evaluated : 20 for 100% Black owned;
18 for at least 51% Black owned; and
14 for Less than 51% Black owned

Specification for establishment of composting facilities on the landfill site

Establishing composting facilities on a landfill site requires careful planning and adherence to environmental, operational, and regulatory guidelines. Below is a comprehensive specification for the establishment of such facilities:

1. Site Selection and Assessment

1. Location

- Select an area within or adjacent to the landfill site that is suitable for composting operations.
- Ensure the site is accessible for vehicles transporting organic waste.

2. Environmental Impact Assessment

- Conduct a thorough environmental impact assessment (EIA) to evaluate the potential effects on soil, water, air quality, and local biodiversity.
- Address potential nuisance factors like odor, noise, and pest control.

3. Regulatory Compliance

- Obtain necessary permits and approvals from local and national environmental authorities.
- Ensure compliance with regulations regarding waste management, air and water quality, and land use.

2. Facility Design

1. Layout and Infrastructure

- Design the layout to include receiving and processing areas, composting pads, curing areas, and storage.
- Include impermeable surfaces for composting pads to prevent leachate infiltration.
- Provide drainage systems to manage stormwater and leachate.

2. Composting Technology

- Choose appropriate composting technology (e.g., windrow, in-vessel, aerated static pile) based on the volume and type of organic waste.
- Equip the facility with necessary machinery such as shredders, mixers, aerators, and turners.

3. Utilities and Resources

2. Public Health

- Ensure proper handling and processing to prevent the spread of pathogens.
- Regularly test compost for pathogens and contaminants before distribution.

6. Monitoring and Reporting

1. Process Monitoring

- Keep detailed records of input materials, process parameters, and compost quality.
- Use monitoring data to adjust operations and improve efficiency.

2. Environmental Monitoring

- Conduct regular environmental monitoring of air, water, and soil around the facility.
- Report findings to regulatory authorities as required.

7. Product Quality and Utilization

1. Compost Quality Standards

- Ensure the compost meets local and national quality standards for use in agriculture, landscaping, or land reclamation.
- Test for nutrient content, contaminants, and stability.

2. Distribution and Use

- Develop strategies for marketing and distributing the finished compost.
- Educate potential users on the benefits and proper use of compost.

8. Community Engagement

1. Public Relations

- Engage with the local community to explain the benefits of composting and address any concerns.
- Provide tours and educational programs to raise awareness about composting and waste management.

2. Feedback Mechanism

- Establish a feedback mechanism for the community to report concerns or suggestions.
- Address feedback promptly to maintain good relations with the community.

By following these specifications, a composting facility at a landfill site can be effectively designed, implemented, and operated, contributing to sustainable waste management and environmental conservation.