



REQUEST FOR EXPRESSION OF INTEREST

CONSULTANCY SERVICES FOR THE DESIGN OF SOLID WASTE TRANSFER

Project ID No.: LSMFEZ/MD/03/EOI/2025

1. INTRODUCTION

Solid Waste Management (SWM) is a critical crosscutting concern with far-reaching impacts on ecological, economic, and societal sustainability domains, encompassing livelihood, sanitation, public health, freshwater and terrestrial ecosystems, access to decent jobs, and the sustainable utilization of natural resources within a nation or area. Recognizing the inherent interconnections between these domains and the wellbeing of society, the Lusaka South Multi Facility Economic Zone (LSMFEZ) Management has placed utmost priority on the effective management of SWM.

The Solid Waste Management Act of 2018 assigns the responsibility of managing solid waste to local authorities and grants them the authority to issue directives that promote waste reduction, reuse, and recycling. In addition to implementing basic waste management practices like waste collection, processing, and disposal, local authorities are also responsible for constructing and operating essential facilities such as transfer stations, landfill sites, and waste processing plants including compost making and biogas plant. Moreover, the Act explicitly permits public-private partnerships (PPP) in solid waste management, allowing local bodies to collaborate with the private sector, communities, and non-governmental organizations while adhering to the existing legal framework.

The LSMFEZ, as a fast-growing economic zone situated in Kafue District in Lusaka Province, is designed to host a transfer station to collect and gather all waste propelling separated under various categories.

2. WASTE BACKGROUND AND POPULATION

The LSMFEZ is an economic zone with mixed land use as stipulated by the master plan. The land uses found in the LSMFEZ are residential, commercial, industrial, research and development, institutional and Hi-tech industries meaning the SWM needs to be comprehensive to cater for all the land uses and their respective wastes they generate.

3. OBJECTIVE OF THE PROJECT

The objective of the project is to develop a solid waste transfer station in LSMFEZ, implement waste management practices, improve resource recovery, and enhance the overall environmental conditions within the zone. The main objectives are:

- 3.1 Design a solid waste transfer station in the LSMFEZ.
- 3.2 Develop SOPs for the SWM in the LSMFEZ
- 3.3 Strengthen the institutional capacity of LSMFEZ to manage the generated solid waste.
- 3.4 Solid waste characterisation in the LSMFEZ.
- 3.5 Develop and implement the required awareness training at various levels with relevant stakeholders.

4. SCOPE OF WORKS

Listed below is the scope of works for the engaged partner or institution.

- i. Design the Solid waste transfer station
- ii. Prepare bidding documents for the construction of the Transfer station.
- iii. Prepare detailed BOQs and cost estimates for the transfer station.
- iv. Participate in the selection and evaluation of bids
- v. Supervise the construction phase of the project

5. SELECTION CRITERIA

Part A: Preliminary Requirements

- a) Certificate of Incorporation/ Registration
- b) Valid Tax clearance certificate
- c) NAPSA Certificate
- d) Regulatory Body registration

Part B: Technical Requirements

General Requirements for the Consortium

- Must be a legally registered consortium, joint venture, or partnership agreement with clear roles and responsibilities of each member.
- Demonstrated experience in the design and supervision of solid waste management facilities, infrastructure, or related projects.
- Proven capacity to work on multidisciplinary projects involving civil, structural, architectural, and environmental aspects.
- Evidence of past assignments of similar scale and complexity within the last 5–10 years.
- Adequate human resources, including key experts with professional registrations and practicing licenses in Zambia (ERB, ZIA, QSB, etc.)

Specific requirements by discipline

A. Lead Consultant - Architect

- Minimum of a Bachelor’s or Master’s degree in Architecture.
- Registration with the Zambia Institute of Architects (ZIA) and valid practicing license.
- Minimum 10 years’ experience in architectural design.
- Demonstrated experience in designing industrial facilities, waste management facilities, public utility infrastructure, or similar projects.
- Ability to lead the consortium and coordinate all technical inputs.
- Proven track record of integrating sustainability, safety, and climate resilience in designs.

B. Quantity Surveyor

- Degree in Quantity Surveying.
- Registration with the Surveyors Institute of Zambia (SIZ) and valid practicing license.
- Minimum 8 years’ experience in cost estimation, bills of quantities, and tender documentation.
- Demonstrated experience in infrastructure projects involving civil works and industrial buildings.
- Capacity to prepare cost–benefit analysis, life-cycle costing, and financial projections for waste management facilities.

C. Civil / Structural Engineer

- Degree in Civil/Structural Engineering.
- Registration with the Engineering Institution of Zambia (EIZ) and licensed by the Engineering Registration Board (ERB).
- Minimum 10 years’ experience in structural design and supervision.
- Experience with reinforced concrete and steel structures relevant to industrial/waste facilities.
- Proficiency in structural analysis and design software.
- Evidence of prior work in foundations, retaining walls, frames, and industrial sheds/buildings.

D. Environmental Engineer

- Degree in Civil or Environmental Engineering.
- Registered with EIZ and licensed by ERB.
- Minimum 8 years’ experience in infrastructure projects (roads, drainage, sewer, and water supply).
- Demonstrated experience in environmental engineering designs for waste management, leachate control, stormwater management, and pollution prevention.
- Familiarity with Zambian environmental regulations and standards.

E. Environmental & Social Safeguards Specialist

- Degree in Environmental Science/Engineering/Social Sciences.
- Registration with ZEMA or relevant professional body.
- Experience in conducting Environmental and Social Impact Assessments (ESIAs).
- Proven knowledge of solid waste management regulations in Zambia..
- Minimum 7 years’ experience in similar assignments.

6. CLARIFICATION

Clarifications on this EOI may be obtained from the Manager Procurement through email address: Eskaya@lsmfez.co.zm. The closing date for clarifications is **Wednesday 3th September 2025**.

7. FORMAT OF SUBMISSION

The Expression of Interest should include ALL the items itemized in Section 5 above, accompanied by a Letter Expression of Interest, which should be marked:

LSMFEZ/MD/03/EOI/2025- CONSULTANCY SERVICES FOR THE DESIGN OF SOLID WASTE TRANSFER

One Original and three copies of the EOI well bound documents in a sealed envelope must be deposited in the tender box provided at Lusaka South Multi-Facility Economic Zone Limited, Plot F10723 Chifwema Road, Off Leopards Hill Road, addressed to The Managing Director, Att: The Manager Procurement on or before **Tuesday 9th September 2025 at 10:00 hours**.

The Expression of Interest will be opened in the presence of bidders or their representatives who choose to attend.

LATE SUBMISSIONS WILL NOT BE ACCEPTED