

Bid No: SCM 56/2025/26

Supply Chain enquiries: 016 973 8740/44/43/ 8611/12

Date: 25 May 2026

Request for formal Written Quotation

Kindly furnish Metsimaholo Municipality with a written quotation for the services as detailed on the below schedule.

APPOINTMENT OF A SERVICE PROVIDER TO CONDUCT AIRSPACE CALCULATIONS IN THE BORDERS OF METSIMAHOLO LOCAL MUNICIPALITY LANDFILL SITES.

Detailed Specification, returnable forms MBD and General Conditions of Contract (GCC) are obtainable from supply chain Management unit finance building, Sasolburg 1947 at **R50.00**

The quotation must be placed on the letterhead of your business and must be delivered not later than the **02 JUNE 2026 before 11H00 AM** in the tender box located at Metsimaholo Local Municipality, Ground floor, Finance Building, 10 Fichardt Street, Sasolburg. The following requirements will apply:

- **Be registered on the Central Supplier Database (CSD)** and provide us with your Supplier number or attach a **Summary report**.
- **Service provider** must submit **municipal rates and taxes statement on the company name** that is not older than three months and not in arrears for more than 90 days or **Lease agreement where the company is the lessee**.
- The bidder must attach at least 01 signed reference letter or 01 appointment letter for previous work implemented in environmental studies or related projects on the client's letterhead.
- The bidder must attach a **minimum NQF Level 7 or higher in land surveying or engineering or environmental studies, and accredited registration certificate with professional body in land surveying or engineering or environmental studies**.

NB! IT IS COMPULSORY TO PURCHASE THE BID DOCUMENT FROM THE MUNICIPALITY FAILURE TO DO SO WILL RENDER YOUR SUBMISSION AS A NON-RESPONSIVE BID AND WILL NOT BE EVALUATED FURTHER.

This quotation will be evaluated in terms of 80/20 of points system as prescribed in the Preference Points Claim Form in Terms Of The Preferential Procurement Regulations 2022 (Price(80) and Specific Goals (20) (Locality) for this purpose the bidders are required to submit **Municipal account** in the name of the bidder not older than 90 days or **Lease agreement** where the bidder is the lessee or an **official letter from the bank** confirming the registered business address of the bidder.

General Conditions are available on the Municipal website for your information.
Failure to comply with the above conditions may invalidate your offer.

Mr F.J. Motloung
Municipal Manager

SCOPE OF WORK

The service provider shall be responsible for the following:

- **Topographic data collection:** Conduct an aerial or terrestrial survey (e.g., LiDAR or Photogrammetry) to produce a 3D Digital Terrain Model (DTM) of the current site levels.
- **Airspace calculation:** Airspace calculations should be performed by the following means-
 - Service provider to confirm licensed restrictions on landfill dimensions and determine the remaining available airspace (*Refer to approved waste license / environmental authorisation if applicable*)
 - In the absence of landfill dimension restrictions, the service provider should calculate the available airspace based on the minimum requirements for waste disposal by landfill (Dept of Water Affairs and Forestry 2nd ed; 1998) and the National Norms and Standards for the Disposal for Waste to Landfill (*GN R636 or as amended*).
- **Compaction analysis (contingent on available data):** Utilize weighbridge data (provided by the client) to correlate waste tonnage with volume consumed, determining the In-Situ Waste Density.
- **Volume Analysis:** Should be performed by the following means-
 - Compare the current survey against the previous year's survey to identify volume accumulation rates and remaining capacity in filled cells.
 - In the absence of previous year survey data, the service provider should perform calculated estimates from incoming waste data to perform a retrospective assessment of volume analysis.
- **Life expectancy projection:** Provide a calculated "Date of Closure" based on current fill rates and density trends.

Key deliverables

- **Detailed Survey Report:** A comprehensive report outlining total capacity, used capacity, and remaining airspace.
- **Digital Files:** High-resolution Orthomosaic imagery and CAD-compatible files (containing profile sections of the landfill/waste area indicating current state of landfill and remaining airspace)
- **Operational Recommendations:** Professional insight into how to improve compaction ratios or optimize the fill sequence.

Technical requirements

- **Accuracy:** Vertical accuracy must be in alignment with survey grade resolution data.
- **Equipment:** Preference for drone LiDAR to ensure safe data collection without requiring personnel to walk on active waste faces.
- **Professional Sign-off:** All reports must be certified by a Professional Land Surveyor or a qualified Engineer.

Data available by the client:

To support the service provider in the delivering of the expected outcome, the following data package will be made available to the successful bidder.

Landfill site: Sasolburg	Availability (Y / N)
Previous year topographic survey	N
Waste data (<i>by weighbridge or manual tally sheet</i>)	Y
Waste license / environmental authorisation for landfill	Y

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Tel : 016 973 8300/1
Fax : 016 973 2191
Website : www.metsimaholo.gov.za



Local Municipality
Plaaslike Munisipaliteit
Lekgotla La Motse

Landfill site: Deneysville	Availability (Y / N)
Previous year topographic survey	N
Waste data (<i>by weighbridge or manual tally sheet</i>)	Y
Waste license / environmental authorisation for landfill	Y

Landfill site: Oranjeville	Availability (Y / N)
Previous year topographic survey	N
Waste data (<i>by weighbridge or manual tally sheet</i>)	Y
Waste license / environmental authorisation for landfill	Y