

REFERENCE NUMBER:

PG/OPS 538/26



TITLE: REQUEST FOR QUOTATIONS FOR SOIL TESTING ANALYSIS

Date Published:

16th July 2026

Site Visit:

N/A

N/A

Deadline for Submission of Offers:

23rd July 2026

at 23:25 hrs CEST

Project Green

Avenue 77, Triq Negoju, Zone 3
Central Business District, Birkirkara CBD3010
<https://projectgreen.mt>

Section 1: Instructions to Economic Operators

- 1.1 Response to this RfQ is to be submitted by email on the following email address:
Procurement.pg@projectgreen.mt
- 1.2 All submissions will be dealt with in strictest confidence.
- 1.3 Participation Fee is Free.

Note: The Contracting Authority shall reserve the right to accept or reject offers exceeding €5,000 exclusive of VAT.

Section 2: General Information

2.1 Purpose

The purpose of this RfQ is **to conduct detailed soil testing in one of Project Green sites as indicated by the Contracting Authority, which covers an approximate 6,500 sqm. The test should aim to investigate and test the material present in the site, on whether the material is classified as real soil with acceptable properties to sustain landscaping. Also, the supplier has to provide a detailed report containing suggested actions based on results and possible remediation if applicable.**

2.2 Scope and Terms & Conditions

An investigative soil testing analysis is required to establish whether the material being investigated can be classified as soil, and whether this is of good agronomic composition that exhibits chemical and physical properties of real soil, as this material will be eventually used to sustain our landscaping. The objective is to scientifically determine whether the material left on site is natural soil or mechanically crushed Construction & Demolition (C&D) waste (limestone fines).

The site shall be divided into five (5) distinct zones (approximately equal geographical zones).

The technician must divide the site into five zones; one must extract a minimum of four (4) sub-samples from randomly distributed locations at a maximum depth of 3m from each zone.

The sub-samples from each zone must be thoroughly homogenised to form one (1) representative composite sample per zone.

In total, five (5) composite samples will be required for chemical and physical analyses.

At each sub-sample extraction point, the sample must capture the full vertical soil profile. The hand-auger must penetrate from the surface down to the interface of the underlying natural bedrock. The bedrock must not be incorporated in the sample under

any circumstances, and extraction must cease immediately upon physical contact with the natural bedrock. It is imperative to prevent and avoid cross-contamination. All sampling equipment must be thoroughly wiped down and decontaminated before moving from one sampling zone to the next.

The Contractor shall be subject to a penalty for delay of €50 per day inclusive of Saturdays, Sundays and Public Holidays for any delays over the period of performance stated above. The Contracting Authority reserves the right to terminate the contract without notice when the penalties reach a value amounting to 30% of the contract price.

2.3 Specifications

- 2.3.1
- Composite sampling of the stockpiled/spread material is required with sample depth of at least 3m, however the bedrock must not be incorporated in the sample under any circumstances and sampling collection must cease immediately upon physical contact with the natural bedrock. The samples must represent the top, middle, and bottom of the heaps to ensure a true representative average of the material and to rule out superficial capping.
 - The testing must test the physical, chemical, fertility and structural parameters as detailed below:

Physical Parameters

- Soil Texture: Percentage of sand, silt, and clay.
- Bulk Density: Measurement of soil compaction.
- Infiltration/Percolation Rate: Rate at which water moves through the soil.
- Water Holding Capacity: The soil's ability to retain moisture.
- Porosity: Volume of pore space for air and water movement.

Chemical and Fertility Parameters

- Soil pH: Level of acidity or alkalinity.
- Organic Matter (OM) Content: Percentage of decomposed organic material.
- Macronutrients: Levels of Phosphorus (P), Potassium (K), Calcium (Ca), Magnesium (Mg), and Sulfur (S).
- Micronutrients: Levels of Iron (Fe), Manganese (Mn), Zinc (Zn), Copper (Cu), and Boron (B).
- Electrical Conductivity (EC): Concentration of soluble salts (salinity).
- Carbon-to-Nitrogen (C:N) Ratio: Indicator of organic matter decomposition rate.
- EPA 16 PAHs

Environmental and Safety Parameters (Contaminants)

- Asphalt: Asphalt / Bituminous Material Screening
- Where asphaltic fragments, black staining, tar-like odours, or made-ground material are observed, soil samples shall be analysed for the EPA 16 priority Polycyclic Aromatic Hydrocarbons (PAHs), with specific reporting of

Benzo[a]pyrene, fluoranthene, pyrene, benzo[b] fluoranthene, benzo[k] fluoranthene, chrysene, and phenanthrene.

- The laboratory shall report individual PAH concentrations, total PAH concentration, and Benzo[a]pyrene concentration separately. Results shall be interpreted in relation to the likely presence of asphaltic/bituminous residues and implications for planting, soil handling, disposal, and public open-space use.
- Concrete/rubble: very high pH, carbonates, sulfates, coarse anthropogenic fragments
- Sewage: E. coli/faecal coliforms

Geotechnical and Structural Parameters

- Atterberg Limits: Liquid limit, plastic limit, and plasticity index (soil stability).
- Moisture Content: Percentage of water currently in the soil.

Reporting

Provide a final consolidated report with suggested actions based on test results and possible remediation if applicable.

2.4 Execution Period

- 2.4.1 The time-limit for the execution of the contract shall be of ten(10) to fourteen(14) days from the date of the Purchase Order.

Section 3 Financial Offer

3.1 Financial Offer

The Economic Operator shall fill-in and submit their offer by filling the Form marked as '[Financial Bid Form](#)'. The Contracting Authority reserves the right to disqualify bidders who fail to submit or provide all the requested information requested in the '[Financial Bid Form](#)'.

Economic Operators must quote all components of the price inclusive of taxes/charges, customs and import duties and any discounts BUT excluding VAT. VAT shall be paid in accordance with the current VAT regulations.

3.2 Criteria for Award

- 3.2.1 The sole award criterion will be the price. The contract will be awarded to the bidder submitting the cheapest priced offer satisfying the requested administrative and technical criteria.

The Contracting Authority reserves the right to accept or reject financial offers exceeding the estimated procurement value based on the current market rates.

The Contracting Authority reserves the right to disqualify offers received late even though they might be technically and financially compliant (please refer to the cover page of this RfQ for the respective deadlines).

Furthermore, the Contracting Authority reserves the right to refuse or cancel this RfQ, in part or in full, at its discretion without any obligation.

3.3 Clarification meeting / Site-visit

3.3.1 N/A

**** END OF DOCUMENT****