



INVITATION TO EXPRESS INTEREST

IMPLEMENTATION OF 3D DIGITAL TWIN AND WEB-GIS PLATFORM FOR RENTAL PROPERTY INCOME ENHANCEMENT, GEO-ANALYTICS, AND URBAN GOVERNANCE

Procurement Reference Number: MRA/GEOMAPPING/06/2026

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The Malawi Revenue Authority is an agency responsible for collecting and accounting for tax revenue on behalf of the Malawi Government. The Authority has budgeted funds and intends to apply part of the proceeds of these funds towards the cost of engaging a firm to implement 3D Twin and Web-GIS for Rental Property Income Enhancement, Geo-Analytics, and Urban Governance.

The MRA recognizes the need for reliable urban geospatial systems to support property identification and taxation. Current challenges include difficulty in accurately identifying properties, linking them to ownership and usage and improving tax visibility. Geospatial and 3D GIS systems are considered essential tools for enhancing tax compliance and enabling data-driven decision-making.

2.0 Objectives of the assignments

MRA envisions a 3D Urban Geospatial Digital City platform encompassing not only automated revenue collection, but also urban governance aimed at enhancing accountability, traceability, and operational efficiency. The key objectives are:

- Supply & Deployment of Enterprise GIS and 3D Digital Twin Platform
- Creation of High-Resolution Urban Geospatial Database
- Development of Integrated Urban Governance Platform
- Usage of 3D Digital Twin Data

3.0 Eligibility and Qualification Criteria

To this end, the Malawi Revenue Authority invites suitably qualified firms with at least ten years' proven experience to express their interest to implement 3D Twin and Web-GIS for Geo-Analytics, Property Rental Income Enhancement and Urban Governance.

The submission of an Expression of Interest does not constitute a bid; however the Malawi Revenue Authority will solely use the information to shortlist qualified firms for participation in a substantive tender process using Request for Proposals (RFP).

Firms wishing to express their interest must demonstrate compliance with the following minimum requirements.

Note: The Bidder may also collaborate with an Original Equipment Manufacturer (OEM) for any product or solution supplied as part of this project. If the Bidder itself is the OEM, it must meet both the Bidder and OEM eligibility criteria.

3.1 Bidder Eligibility Criteria

- Legal Registration & Years in Operation

The Bidder must be a legally registered entity in its country of incorporation under applicable company, partnership, or limited liability laws, and must have been in continuous operation in similar business activities for at least ten (10) years as of the date of submission.

Evidence Required: A valid Certificate of Incorporation or equivalent registration certificate must be submitted.

- Minimum Annual Turnover

The Bidder must have a minimum average annual turnover of USD 2 Million (Two million United States dollars). Credentials of group companies, parent companies, or subsidiaries shall not be considered.

Evidence Required: Audited Financial Statements (Balance Sheet and Profit & Loss Account) for the last three (3) financial years.

- Quality Management Certifications

The Bidder must possess valid ISO 9001:2015 (Quality Management System) and ISO 27001:2013 (Information Security Management System) certifications from an internationally recognized certification body.

Evidence Required: Valid copies of ISO 9001:2015 and ISO 27001:2013 certificates.

- Relevant Project Experience — Property Survey

The Bidder or Consortium partner must have successfully performed a door-to-door property survey, attribute collection, or validation exercise in a single project covering at least 75,000 units for any Government or International entity, Public Sector Undertaking, or Urban Local Body from similar countries (developing countries), within the last seven (7) years.

Evidence Required: Relevant Work Order/Purchase Order and a Completion Certificate issued by a competent authority of the client organization.

- Experience of Key Staff

Role	No. of Experts Required	Years of Experience
LiDAR Experts	10	Minimum of 5 years relevant experience
Photogrammetry Experts	10	Minimum of 5 years relevant experience

GIS Analysts	5	Minimum of 5 years relevant experience
Solution Architects	2	Minimum of 5 years relevant experience
GIS Application Developers	10	Minimum of 5 years relevant experience
Software Testers	2	Minimum of 5 years relevant experience
Database Administrators	2	Minimum of 5 years relevant experience
Project Manager	1	Minimum of 5 years relevant experience
Technical Support Staff	5	Minimum of 5 years relevant experience

Evidence Required: Communication from Human Resources confirming employment status, CVs, and academic and professional certifications for each proposed expert.

3.2 OEM Eligibility Criteria

- 3D Digital Twin Data Supply Experience

The OEM must have demonstrated experience in the supply of 3D Digital Twin data for a minimum area of 1000 Sq. Km for any city, using aerial LiDAR survey through a manned aircraft, integrated with Mobile LiDAR and 360° panoramic images along with 3D city models for any urban dense city in similar countries, within the last seven (7) years. The minimum contract value for such engagement must be USD 2 Million.

Evidence Required: Relevant Work Order/Purchase Order and a Completion Certificate issued by a competent authority.

- 3D Web-GIS Application Development Experience

The OEM must have experience in 3D Web-GIS application development and maintenance support within the last seven (7) years, with a minimum project value of USD 500,000 (Five Hundred Thousand US Dollars), for any urban dense city in similar countries from Government organizations.

Evidence Required: Relevant Work Order/Purchase Order and Completion Certificate from the client.

- Product Registration

The proposed OEM product must have a valid Trade Registration Certificate or equivalent registration/certification issued by a government in similar countries.

- CMMI Level 3 Certification

The OEM must possess a valid CMMI (Capability Maturity Model Integration) Level 3 certification or equivalent, from a recognised certification body.

Evidence Required: Valid CMMI Level 3 certificate.

This invitation for Expression of Interest shall lead to the shortlisting of bidders who meet the above minimum requirements. The shortlisted firms will then be invited through a Request for Proposal (RFP) to submit both technical and financial proposals to carry out the assignment.

Interested firms should submit all listed documentary evidence along with signed and sealed letter of Expression of Interest:

4.0 Duration and location of Assignment

The duration of the consultancy is scheduled to last a maximum of twelve (12) months, to be carried out at Malawi Revenue Authority Head Office in Blantyre, Malawi.

5.0 Submission of Expression of Interest

Expressions of interest will be evaluated in accordance with the Public Procurement and Disposal of Assets Act of 2025. Participation is open to all eligible bidders.

Interested eligible bidders may submit expressions of interest to

**The Chairperson
The Internal Procurement and Disposal Committee
Malawi Revenue Authority
Private Bag 247
Blantyre
Malawi**

Expression of Interests must be deposited in the tender box on the Ground floor reception area, Malawi Revenue Authority, Msonkho House, Blantyre at or before 15.00hrs local time on Thursday, 16th July 2026. Late bids shall be rejected.

Expression of Interest shall be opened in the presence of the bidders' representatives, who choose to attend the opening proceedings at 15:00 hrs on Thursday, 16th July 2026.

For enquiries, please contact the Head of Supply Chain Management using the email scm@mra.mw.