



## EXPRESSION OF INTEREST (EOI) FOR THE PROVISION OF GIS CONSULTANCY SERVICES FOR WASH PROGRAMS

### 1. Background

Living Water International Rwanda (LWIR), an affiliate of Living Water International (LWI), is a Christian non-governmental organization that has been operating in Rwanda since 2007 to provide Water, Sanitation, and Hygiene (WASH) services. LWIR is seeking Expressions of Interest (EOIs) from qualified Rwandan GIS professionals (individual consultants) to provide Geographic Information System (GIS) services that will support the integration of GIS into the planning, implementation, monitoring, and evaluation of WASH programs across Rwanda. The GIS consultant will support the mapping and analysis of water supply systems and related infrastructure. GIS applications will be used to identify and map areas targeted for WASH interventions, including water and sanitation infrastructure, pipeline networks and dimensions, categories of water users, and the proximity of services to beneficiaries. The consultant will also support data management, spatial analysis, and visualization to strengthen evidence-based planning and decision-making within LWIR programs.

### 2. Scope of Work

The GIS Consultant will be responsible for providing the following services:

#### A. Data Processing and Management

- Create, organize, and maintain GIS datasets.
- Georeference and digitize maps and spatial data.
- Perform data cleaning, standardization, and quality control.
- Input, update, and validate attribute data.

#### B. GIS Analysis

- Conduct spatial analysis, including buffering, overlays, proximity analysis, and network analysis.
- Analyze water infrastructure coverage and accessibility.
- Support site suitability assessments for future WASH infrastructure development.
- Generate spatial insights to support project planning and monitoring.

#### C. Mapping and Visualization

- Develop high-quality static and interactive maps.
- Design map symbology and layouts for reporting and decision-making.
- Produce thematic maps showing water infrastructure, service areas, beneficiary locations, and other relevant program indicators.

#### D. Database Development

- Design, develop, and maintain geodatabases.
- Integrate and migrate data from various sources.
- Create metadata and maintain data catalogues.

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- Support GIS data storage, accessibility, and management systems.

### 3. Eligibility Requirements

Interested consultants must meet the following minimum requirements:

- Hold at least a bachelor's degree in geographic information systems (GIS), Geomatics, Geography, Surveying, Remote Sensing, or a related field.
- Have a minimum of five (5) years of proven professional experience in GIS applications and spatial data management, preferably in the field of water resources
- Demonstrate practical experience in GIS analysis, mapping, database management, and data visualization.
- Experience working in the Water, Sanitation, and Hygiene (WASH) sector or water resource management will be considered an added advantage.
- Demonstrate knowledge and understanding of Rwanda's WASH sector.
- Be available to undertake assignments on a part-time basis as requested by LWIR.

Applicants must submit the following supporting documents:

- Detailed Curriculum Vitae (CV).
- Notarized academic degree(s).
- Recommendation letters or references from previous assignments.
- Any relevant professional certifications and supporting documents.

### 4. Submission Instructions

The Expression of Interest package should include:

- Technical Proposal.
- Financial Proposal.
- Detailed CV.
- Notarized academic degree(s).
- Recommendation letters and any other relevant supporting documents.

Additional submission requirements:

- All documents must be merged into **one (1) PDF document**.
- The PDF document should be submitted by email to: **LWIRProcurement@water.cc**
- The subject line of the email should read: **"Expression of Interest for Provision of GIS Services."**

### 5. Submission Deadline

The deadline for submission of Expressions of Interest is: **26<sup>th</sup> June 2026 at 17:00 hrs (Rwanda Time)**. Late submissions will not be accepted.

### 6. Inquiries and Clarifications

Any inquiries or requests for clarification regarding this Expression of Interest may be sent by email to:

**LWIRProcurement@water.cc**

Living Water International Rwanda reserves the right to accept or reject any submission and is not bound to provide reasons for its decision.

**Hastings Banda**  
Country Director  
Living Water International Rwanda

