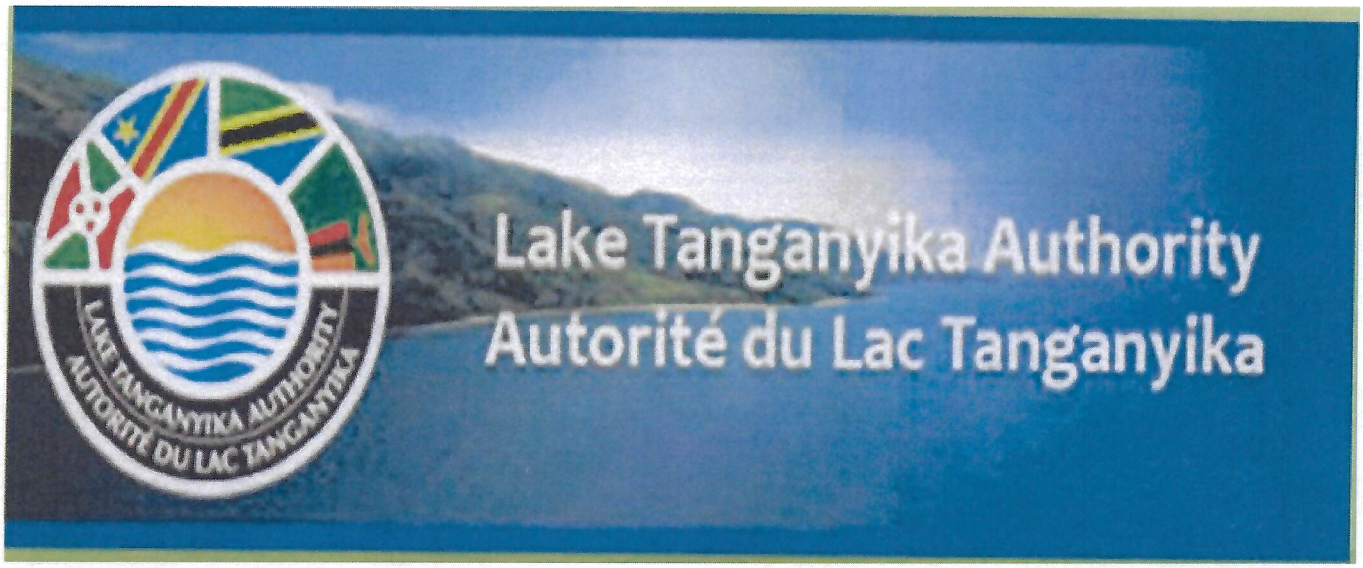
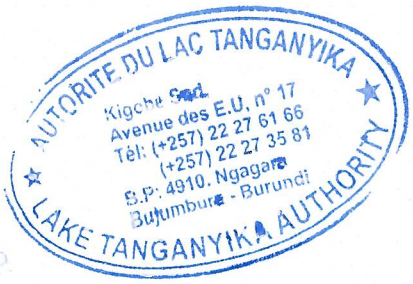


TERMS OF REFERENCE (TOR) FOR RECRUITMENT OF A CONSULTANT TO SUPPORT MEMBER STATES IN SITE SELECTION, DESIGN, AND CONSTRUCTION PLANNING OF CLIMATE-SMART FISH LANDING SITES ON LAKE TANGANYIKA



MAY 2026

1. INTRODUCTION

1.1 Background and Context

Lake Tanganyika is one of Africa's most significant freshwater ecosystems, shared by Burundi, the Democratic Republic of Congo (DRC), Tanzania, and Zambia. The lake sustains millions of livelihoods through artisanal and commercial fisheries and plays a vital role in regional food security, nutrition, employment, and economic development. The Lake's Basin supports about 12 million people who rely on its water and fisheries resources for drinking water, food, and livelihood. The Lake Basin faces multiple interconnected challenges that threaten the sustainable management of the Lake's water, fisheries and biodiversity resources.

Fish landing sites are a cornerstone of fisheries infrastructure, serving as hubs for fish landing, processing, storage, marketing, and distribution hence contributing to improvement of the fish value chain. When inadequately designed or poorly managed, landing sites contribute to high post-harvest losses, food safety risks, environmental degradation, and reduced incomes and hence poverty to fishing communities, affecting both men and women involved in the fish value chain.
Well-planned and climate-smart fish landing sites are essential to:

- Promote sustainable fisheries management;
- Reduce post-harvest losses (often exceeding 30%);
- Improve hygiene, quality, and safety standards;
- Strengthen fisheries value chains; and
- Improves gender equity and social inclusion
- Support the development of the blue economy in Lake Tanganyika riparian countries.

1.2 Role of Climate-Smart Fish Landing Sites

Climate-smart landing sites integrate resilient infrastructure and environmentally sustainable technologies to address climate variability and long-term environmental risks. These facilities:

- Enhance economic development and livelihoods through value addition and job creation;
- Improve livelihood security and nutrition by reducing losses and maintaining product quality;
- Support resource monitoring, compliance, and traceability systems;
- Increase climate resilience through elevated structures, erosion control, and renewable energy use;
- Promote gender equity and social inclusion, particularly for women and youth engaged in fish processing and trade; and

Minimize environmental impacts through proper waste management, sanitation, and pollution control.

2. JUSTIFICATION

During the 2025 Lake Tanganyika Authority (LTA) Conference of Ministers, member states recognized the urgent need to modernize fisheries infrastructure to enhance sustainability and climate resilience. Consequently, the Conference endorsed a budget allocation to support the development of climate-smart fish landing sites across member states. In the 2025, Conference of Ministers, Member states have formally requested technical assistance to guide the design, site selection, environmental assessment, and initiation of construction of these facilities. Given the technical complexity and the need for harmonized regional standards. In this regard, LTA seeks to recruit a qualified consultant to support this process.

3. OBJECTIVE OF THE CONSULTANCY

3.1 Overall Objective

To provide technical assistance to LTA Member States in the identification and selection of suitable sites, development of climate-resilient engineering designs, and preparation of detailed Bills of Quantities and cost estimates for climate-smart fish landing sites. This support aims to facilitate the initiation of construction of landing sites that promote sustainable fisheries management, strengthen post-harvest value chains, and advance blue economy development in the Lake Tanganyika region

3.2 Specific Objectives

The consultancy will:

a) Site Selection - To identify most suitable location

b) Design - To develop a climate-resilient engineering designs

c) BOQ - Prepare detailed cost estimates and materials comprehensive

3.3 Scope of Work

Scope of Work:

The Consultant will support Member States in the planning and development of climate-smart fish landing sites on Lake Tanganyika, ensuring that infrastructure is safe, sustainable, and responsive to environmental and socio-economic needs. The assignment will focus on three key components.

3.3.1. Site Selection

In each of the four riparian countries of the Lake Tanganyika Authority (LTA), the Consultant shall identify and recommend the two most suitable locations for fish landing sites, based on clearly defined technical, environmental, and socio-economic criteria.

The assessment shall include, but not be limited to , shoreline stability, water depth and site accessibility, exposure to climate-related risks (including flooding, erosion, and extreme weather events), proximity to fishing communities and markets, and compliance with applicable national regulations.

The Consultant shall also engage with local stakeholders to ensure the suitability of the selected sites and to promote community acceptance

3.3.2.Design (Climate-Resilient Engineering Designs)

Develop detailed, climate-resilient engineering designs for the selected sites. Designs should incorporate durable and locally appropriate materials, safety standards, and features that enhance resilience to climate variability and change. This includes layout planning for landing areas, fish handling and processing zones, storage facilities, sanitation systems, and supporting infrastructure, while integrating environmentally sustainable practices.

3.3.3. Bills of Quantities (BoQ) and Cost Estimates

Prepare comprehensive Bills of Quantities and detailed cost estimates for each proposed landing site. This will cover all construction materials, labor, equipment, and associated works. The Consultant will ensure that the estimates are realistic, transparent, and aligned with current market rates, providing a solid basis for budgeting, procurement, and resource mobilization.

4. Deliverables and Timeline

4.1 Key Deliverables

The following should be key deliverables:

1. Inception report
2. Site selection report
3. Design package
4. BOQ
5. Final report

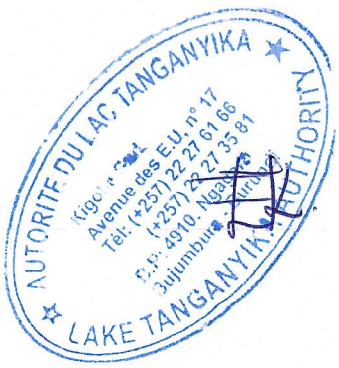


Table 1: Preliminary Project Implementation Schedule (May 2026)

Activity	Description	Start Date	Deadline
Document review	Review relevant policies, strategies, and technical guidelines	6 May 2026	10 May 2026
Inception meetings	Meetings with LTA Secretariat and national focal points - ONLINE	7 May 2026	7 May 2026
Inception report	Preparation and submission of inception report and work plan	8 May 2026	13 May 2026

Table 2: Expected reports and their submission deadlines

Report / Deliverable	Description	Submission Deadline
1. Inception Report	Inception report and detailed methodology and work plan.	22June -26
2. Present Site selection report by country for validation		08-\July-26 Burundi and DRCongo 10th July Tanzania and Zambia
3. Designing Report	This will include: ✓ Conduct EIAs or prepare ESMPs as required by national legislation; ✓ Identify environmental and social risks and propose mitigation measures; ✓ Ensure compliance with national laws and international safeguard standards; ✓ Integrate gender-sensitive and socially inclusive approaches	24-July-26
4. BoQs and Cost Estimates Report	Bills of quantities and cost estimates for each landing site	31-July-26
5. Final Report	Submission of the final comprehensive technical and incorporating financial estimates	7-Aug-26
6. Validation & Handover Report per member States	Online validation meeting for validation of the Final reports by Member States	17-18 Aug-26

4.2 Implementation Timeline

The consultancy will be completed within **15 weeks** (approximately 3 months), structured across six phases from inception to final handover.

5. QUALIFICATIONS AND EXPERIENCE

5.1 Academic Qualifications

Team Composition

The Consulting firm shall field a team of suitably qualified and experienced personnel. The team leader must, in addition to a relevant technical background, also have broad-based experience in architectural design of market buildings in sub-Saharan Africa. The required qualifications of the key personnel be as follows.

- **Team leader / Architect/Engineer –** should have at least a Bachelor's degree or Equivalent in Architecture or Engineering with a minimum of 10 years of general experience plus five (5) years of specific experience in project management, especially in market building design and supervision, preferably in developing countries;

- **Public Health Engineer** – should have at least a Bachelor's degree or equivalent in Public Health Engineering or associated fields with at least 10 years' experience in designing modern liquid waste treatment works;

- **Food Hygiene Specialist** – should have an advanced degree in food processing technology, with at least 5 years of consultancy experience in similar assignments;

- **Electrical Engineer** - should have at least a Bachelor's degree or equivalent in Electrical Engineering with at least 5 years' experience in projects of a similar nature;

- **Mechanical Engineer** should have at least Bachelor's degree or equivalent in Mechanical Engineering with a least 5 years' experience in projects of a similar nature;

- **Quantity surveyor** – Should have at least Bachelor's degree or equivalent in quantity surveying with at least 10 years' experience in construction.

- **Environmental Expert** - Should at least have a Master's degree in environmental engineering or similar. At least 10 years of experience in the field, with at least 3 similar projects demonstrated elsewhere.

- **Gender and Community Consultation expert** – Should have an advanced degree in sociology, anthropology, or community development, with more than 5 years of experience with similar assignments.

- **Social Development Specialist** – should have Bachelor's degree or equivalent with more than 8 years of experience in a similar assignment.

- **Fisheries Specialist** – should have Bachelor's degree or equivalent with more than 8 years of experience in a similar assignment.

All proposed staff must be fluent in English for anglophones and French for French speaking countries.

6. MONITORING AND VALIDATION ARRANGEMENTS

LTA regional Fisheries Technical Committee under the coordination of Lake Tanganyika Authority will validate each stage and deliverables under this assignment. Meetings will be held whenever necessary to better supervise and guide the work.

7. TECHNICAL AND FINANCIAL PROPOSALS

The consultant must submit a technical and financial proposal to the Lake Tanganyika Authority Secretariat. The document must not exceed 30 pages and must include:

A) The technical proposal must contain or indicate:

1. A cover letter;
2. The methodological approach for carrying out the assignment to achieve the expected results, including a brief explanation;
3. A work plan detailing the field activity schedule, dates for meetings (virtual or physical), and submission of the final report, all within fifteen weeks; and
4. A list of proposed experts as indicated under item 5 above and their CVs;

B) The financial proposal must indicate:

- The total cost of the assignment in USD (all taxes included);
- Payment terms (preferably in 3 installments);
- The total allocated budget for this activity is USD 90,000 (THIRTY THOUSAND US DOLLARS).

All activities under this assignment must remain within this budget'

8. SUBMISSION

Applicants are required to submit their application through the following contacts: christelle.nijimbere@lta-alt.org and copy to beatricemarwa@yahoo.com by **25th May 2026 at 16pm Burundian time**