



## Call for Expression of Interest

### Technical Consultancy to Support the Development of a Spatial Plan and Determination of Aquaculture Carrying Capacity in Lake Victoria, Kenya

#### 1. Introduction

Msingi is an independent industry development organization that supports the transformation of high potential industries in East Africa (Kenya, Uganda, Tanzania, and Rwanda) through a range of initiatives such as support to pioneer businesses, technical assistance, policy support, or development of key industry institutions.

One of Msingi's focus industries is aquaculture. Msingi believes that East Africa has a strong comparative advantage in aquaculture, with good natural water resources and climate, genetic resources, and a rapidly growing population leading to increasing demand for protein. Msingi aims to develop a competitive, inclusive, and resilient aquaculture industry over the long term.

Msingi has identified key intervention areas that we believe will drive the transformation of aquaculture and support the achievement of sector objectives. These areas range from environmental management to boost productivity of waterbodies; building the capacity of the industry to mitigate and respond to biosecurity threats; working with various users of the lake to manage spatial conflicts; and supporting an enabling regulatory environment that facilitates investments into the sector.

#### 2. Objectives of this assignment

Cage culture is the dominant practice of fish farming in Kenya and Lake Victoria is the major waterbody where cage aquaculture is practised. At the same time, the lake supports multiple other socio-economic activities. The lake supports the largest freshwater fishery industry in the country. The lake is also an important transport route linking the East African states. It is a reservoir for hydropower stations along the Nile and provides water for industrial and domestic use around the basin. It has numerous urban areas in its basin and is pivotal in treating wastewater from both human and agricultural activities. With an expanding population around the Lake Victoria basin and development objectives especially driven by the Blue Economy initiatives, it is likely that the economic exploitation of Lake Victoria will expand in the future. An integrated planning framework for Lake Victoria is therefore important to address the multiple objectives/uses of the lake while achieving economic and ecological sustainability.

One such framework is the Ecosystem Based Approach to Aquaculture (EAA) developed by the United Nations Food and Agriculture Organization (FAO). It sets out a framework for an integrated management approach to aquaculture to ensure productivity of waterbodies, reduce disease transmission and manage spatial conflicts. The Government of Kenya, Kenya Marine and Fisheries Institution (KMFRI), the Lake Basin Development Authority (LBDA) and Msingi recognize that, with the confluence of socio-ecological considerations in Lake Victoria, there is need for such a broad, integrated management approach to address the aforementioned areas. As such, these organizations have mutually agreed to adopt the EAA as a framework for planning the use of Lake Victoria. While the EAA sets out all the major implementation steps, the four organizations have prioritized three key activities below that once implemented will pave way for full roll out of the approach.

- i) Development of a **spatial plan for the Kenyan side of Lake Victoria**, involving bringing together multiple users of the lake (such as, but not limited to, transportation, fishing activities, sports, tourism,

other recreational use) to make informed and coordinated decisions on how to use water resources sustainably, providing an avenue for addressing resource use challenges, for policy implementers and resource users.

- ii) Development of a **zoning framework**, that identifies the desired geographic location and extent of aquaculture and other activities in Lake Victoria; and
- iii) Determination of the Lake Victoria **waterbody carrying capacity** for aquaculture in the identified zones, to broadly define the upper bounds of production that can be sustained.

The objective of this call for Expression of Interest (EOI), therefore, is to invite suitable technical consultant(s) to provide technical support to KMFRI & LBDA to perform the activities set out above. The technical consultant will be responsible for providing technical support from inception, including planning a stepwise approach to carrying out the activities, up to execution of the activities and ultimate implementation. The technical consultant will be expected to provide sound scientific and research approaches to carrying out the activities. The scope of work will therefore be developed collaboratively among the technical consultant(s), KMFRI, LBDA and Msingi.

### 3. Eligibility Criteria

Expressions of interest are invited from technical experts who:

1. Have strong knowledge and technical capabilities in freshwater conservation/planning, sustainability of water resources and developing data/methods/tools/technology to guide sound policy decisions.
2. Demonstrated experience in assisting aquaculture public and private sectors moving towards an ecosystem-based approach, preferably in developing countries with emerging, nascent aquaculture sectors.
3. Demonstrated experience in stakeholder engagement, with regards to managing and convening various (both public and private) stakeholders across various sectors in the interest of the spatial planning and zoning technical process.
4. Experience in offering policy guidance at a jurisdiction level, such as advising on legislative changes, is considered an advantage.

Msingi appreciates that this type of work requires a combination of unique capabilities and as such, Msingi is open to contracting a consortium of technical consultants that provide the best combination of skills to achieve project objectives.

### 4. Expression of Interest

If this is something that interests you/your organization, please contact the addresses below to express your interest and we will be in touch to provide additional details and advance discussions. Please include the following information in your email:

1. Name of your organization(s)/individual(s)
2. A brief paragraph responding to the assignment. This should include a summarised implementation approach to achieving this assignment's overall objective.
3. A brief profile of the consultant(s) that will be undertaking the scope of work, including their qualifications, capabilities and experience on assignments of a similar nature.
4. An overview of the basic consulting rates for the consultant/team of consultants undertaking this assignment - at this point these rates will be treated as non-binding and can be provided as a range or presented in different ways e.g. day rates, fixed prices or by nature of project.

The expression of interest should be no more than 1000 words.

The expression of interest must be received no later than **Friday 29<sup>th</sup> October 2021 at 1700 hrs East Africa Time** at the email addresses below.

## 5. Msingi Contacts

Inquiries and clarifications regarding this Expression of Interest are welcomed and should be directed in writing to the email address below.

**To: Lucy Kimani, Government Relations Manager, Msingi East Africa Ltd** [Lucy.Kimani@msingi.com](mailto:Lucy.Kimani@msingi.com)

**To: James Gichuhi, Industry Manager, Msingi East Africa Ltd**  
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**To: Zainab Janowalla, Industry Associate, Msingi East Africa Ltd**  
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