



CALL FOR CONSULTANCY

1. Background

Zanzibar Maisha Bora Foundation (ZMBF) is a Non-Governmental Organization (NGO) founded by H.E. Mariam H. Mwinyi, First Lady of Zanzibar, Settlor and Chairperson of the Board of Trustees ZMBF. The main focus is to complement the efforts of the Revolutionary Government of Zanzibar (RGoZ) in advancing inclusive socioeconomic development and improving the quality of life for all Zanzibaris, with a strong focus on women and youth.

ZMBF is implementing a seaweed contract farming model aimed at improving productivity, transparency, and income among seaweed farmers in Unguja and Pemba. The initiative requires a robust digital system to register farmers, manage contracts, track production and payments, and generate real-time reports for management and donor reporting.

To support this initiative, ZMBF seeks to engage a qualified Consultant/IT Firm to design and develop an Integrated Seaweed Contract Farming Management Information System (SCFMIS).

Sn	Tender Title	Tender Reference Number
1	Development of an Integrated Seaweed Contract Farming Management Information System (SCFMIS)	ZMBF/SESEP/PROC/2026/03.

Issue Date: 03 July 2026

Closing Date: 13 July 2026 at 4:00 PM (EAT)

2. Objective of the Consultancy

The objective of this consultancy is to develop a secure, scalable and user-friendly digital platform that will enable ZMBF to manage the entire seaweed value chain from farmer registration through production, harvesting, storage and sales while ensuring complete product traceability.

The system shall operate through both web and mobile platforms and support offline data collection with automatic synchronization once internet connectivity becomes available.

3. Scope of Work

The selected Consultant will:

- i. Conduct an inception meeting to refine system requirements.
- ii. Design system architecture and database structure.
- iii. Develop system modules according to agreed specifications.
- iv. Ensure mobile and offline functionality for field officers.
- v. Conduct system testing and debugging.
- vi. Train ZMBF staff on system use and administration.
- vii. Provide user manual and technical documentation.
- viii. Offer initial post-deployment technical support.

A detailed functionality matrix and technical specifications will be shared with the shortlisted/final bidder.

4. Functionality Requirements

The proposed system shall include, at a minimum, the following modules:

4.1 Farmer Registration and Digital Identification

The system shall provide:

- i. Unique farmer identification numbers
- ii. Digital farmer profiles
- iii. Username and password management
- iv. Full personal details
- v. GPS coordinates
- vi. Physical address
- vii. Gender
- viii. Occupation
- ix. Disability status
- x. Phone numbers
- xi. Email address
- xii. Verification status
- xiii. Farmer profile photographs

- xiv. Farm ownership records

Each farmer profile shall be linked to all production records, monitoring reports, harvests and transactions.

4.2 Communication Module

The system shall support:

- i. Kobo Toolbox integration
- ii. WhatsApp Business API integration
- iii. Bulk SMS
- iv. Two-way SMS communication
- v. Email notifications
- vi. Push notifications
- vii. Announcement management
- viii. Farmer messaging

4.3 Input Distribution and Loan Management

The system shall manage:

- i. Input distribution
- ii. Farm equipment
- iii. Input loans
- iv. Loan applications
- v. Loan approvals
- vi. Repayment schedules
- vii. Outstanding balances

4.4 Production Cycle Management

The system shall record:

- i. Planting dates
- ii. Number of ropes
- iii. GPS farm locations

- iv. Farm size
- v. Production cycle history
- vi. Farmer assignments
- vii. Expected harvesting date

4.5 Farm Monitoring

Extension Officers shall be able to:

- i. Capture monitoring visits
- ii. Complete Kobo Toolbox forms
- iii. Upload photographs
- iv. Record diseases
- v. Record environmental observations
- vi. Record farmer comments

4.6 Harvest Notification Module

The system shall automatically generate alerts:

- i. Approximately 45 days after planting
- ii. Harvest reminders – at least ten days before
- iii. Notifications to farmers
- iv. Notifications to extension officers

4.7 Harvest Management

The system shall record:

- i. Harvest date
- ii. Harvest quantity
- iii. Production cycle- first to fourth cycle a year.

4.8 Drying and Post-Harvest Management

The system shall capture:

- i. Drying location
- ii. Drying period

- iii. Dry weight
- iv. Drying conditions

4.9 Batch Traceability

The system shall automatically generate unique batch numbers linked to:

- i. Farmer
- ii. Farm
- iii. Planting date
- iv. Harvest date
- v. Drying records
- vi. Production cycle

4.10 Inventory Management

The system shall manage:

- i. Warehouse records
- ii. Batch tracking
- iii. Stock balances
- iv. Stock movement
- v. Storage locations

4.11 Sales and Export Tracking

The system shall capture:

- i. Buyers
- ii. Sales quantities
- iii. Batch numbers
- iv. Export records
- v. Source farmer
- vi. Source farm

4.12 Reporting Dashboard

The system shall generate real-time reports including:

- i. Registered farmers
- ii. Active production
- iii. Harvest forecasts
- iv. Harvest quantities
- v. Inventory status
- vi. Loan balances
- vii. Input distribution
- viii. Extension activities
- ix. Sales reports
- x. Export reports
- xi. KPI dashboards

Reports shall be exportable to:

- i. Excel
- ii. PDF
- iii. CSV

5. Non-Functional Requirements

The system shall:

- i. Be web-based.
- ii. Support Android mobile devices.
- iii. Support offline functionality.
- iv. Synchronize automatically once internet connectivity is restored.
- v. Include role-based user access.
- vi. Maintain audit logs.
- vii. Encrypt sensitive information.
- viii. Support automatic data backup.
- ix. Be hosted on ZMBF servers.
- x. Include disaster recovery capability.

- xi. Support API integrations.
- xii. Be scalable for future expansion.
- xiii. Be responsive across desktops, tablets and smartphones.

6. Deliverables

The Consultant shall deliver:

- i. Inception Report
- ii. System Design and Prototype
- iii. Fully Functional SCFMIS
- iv. User Acceptance Testing (UAT) Report
- v. Final System Deployment
- vi. User and Technical Manuals
- vii. Staff Training Session

7. Required Qualifications

Interested Consultants/Firms should demonstrate:

- i. Proven experience in developing Management Information Systems (MIS), preferably in agriculture, fisheries, or contract farming.
- ii. Experience working with NGOs, development agencies, or donor-funded projects.
- iii. Strong expertise in database design, mobile applications, and secure cloud-based systems.
- iv. Experience in offline data synchronization solutions.
- v. Ability to deliver within agreed timelines.

8. Application Requirements

Interested applicants should submit:

- i. Cover Letter / Expression of Interest indicating suitability and availability
- ii. Technical Proposal (approach and methodology)
- iii. Company profile and relevant experience
- iv. Proposed timeline
- v. Financial proposal (separate document)

- vi. Legal & Compliance Documents: Valid business license, TIN certificate, VRN certificate, and tax clearance.

9. Duration

The consultancy is expected to be completed within 4-7 weeks from the date of contract signing.

10. Reporting

The consultant will report to Strategic Information Manager and coordinate closely with the NGO management team.

11. Submission

All proposals must be submitted in sealed envelopes clearly marked with the Tender Reference Number and physically delivered to the address below or sent electronically as a single ZIP file (containing both technical and financial proposals) to recruitment@zmbf.or.tz no later than **13 July 2026 at 4:00 PM (EAT)**.

Physical Address:

Chief Executive Officer
Zanzibar Maisha Bora Foundation (ZMBF)
P.O. Box 904, Migombani, Zanzibar
Tel: +255 24 223 2167 | Website: www.zmbf.or.tz

Email Submission:

recruitment@zmbf.or.tz

11. Important Notes

- i. Applicants must clearly indicate the specific assignment/Annex they are applying for.
- ii. ZMBF reserves the right to accept or reject any application and is not bound to provide reasons for its decision.
- iii. Late or incomplete submissions will not be considered.
- iv. Only shortlisted consultants, firms, or suppliers will be contacted.

Issued by:

Rehema Ali Tukai
Chief Executive Officer
Zanzibar Maisha Bora Foundation.