



**Subject Line:** *Proposal for Microfinance WebApp Development*

**Development of a Dynamic Web Application for the Microfinance Awareness Campaign**

**1. Background**

Smallholder farmers in Kassala State face substantial post-harvest losses — up to 40% annually — due to limited access to processing infrastructure and reliable markets. Women and youth, heavily involved in horticultural production, are particularly affected.

To address this challenge, Mercy Corps invites proposals for establishing a Spark Drying Hub, a solar-powered agro-processing and market linkage model designed to empower farmer cooperatives, reduce losses, and increase incomes.

**2. Project Scope**

The selected vendor will be responsible for:

- Developing a responsive, modern, and user-friendly WebApp.
- Ensuring the WebApp reflects the Microfinance Foundation's activities, services, and state.
- Providing a training program for the Foundation's ICT department to independently manage, feed, and update the WebApp.
- Supplying and installing specified hardware and setting up required infrastructure.

**Key Deliverables:**

- **Web Application:**
  - Responsive, mobile-compatible design.
  - Administrative dashboard for content management.
  - Secure hosting and basic cybersecurity measures.
- **Training:**
  - Training 20 participants on WebApp management (content updates, troubleshooting, user access).
- **Hardware Supply and Installation:**
  - Delivery and setup of hardware are listed below.
- **Software Installation:**
  - Installation of the necessary software listed below.
- **Support:**
  - Hosting services for 3 years.
  - Post-deployment support for a minimum of 3 months after launch.



### 3. Timeline

The project is expected to be completed within **60 working days** (approximately 2 months) after contract signing.

#### Key Milestones:

ID	Task	Duration
01	Analysis and Planning	1 week
02	Prototype Design	1 week
03	Development (Coding)	3 weeks
04	Testing	1 week
05	Training	1 week
06	Deployment and Handover	1 week

### 4. Hardware Requirements

ID	Item	Quantity
01	HP 290G4 Desktop, Core i5, 10th Gen, 4GB DDR4, 1TB HDD, 18" LED screen	2
02	Unifi U6 Pro (High Performance Indoor Access Point)	1
03	08 Ports PoE Cisco Switch	1
04	HP LaserJet 2035 Printer	1
05	Samsung Galaxy Tab S10 Ultra (256GB, 12GB RAM)	3

### 5. Software Requirements

ID	Item	Quantity
01	Windows 11 Operating System	2
02	NOD32 Smart Security Antivirus	2
03	Mozilla Firefox v102+	2
04	Microsoft Visual Studio	2
05	Adobe Photoshop CC15+	2
06	Adobe Illustrator CC	2
07	Flash FXP File Transmission Software v5+	2



## **6. Minimum Qualifications**

- Proven track record in WebApp development (at least 3 relevant projects).
- Ability to train ICT personnel and participants in system management.
- Experience supplying and installing IT hardware.
- Excellent after-sales support capacity.

## **7. Proposal Requirements**

Interested parties should submit:

- Company profile and relevant experience.
- Technical proposal detailing understanding of the assignment and methodology.
- Financial proposal (broken down by deliverables).
- Proposed team members and their qualifications.
- Delivery timeline and work plan.
- Warranty and after-sales support plan.