



SOFTWARE DEVELOPMENT PROPOSAL

PREPARED FOR

Zadzamatura

PREPARED BY

Mehluli Nokwara

Software Engineering Consultant

OCTOBER 30, 2024

**Talent Ndige
Zadzamatura**

Dear Talent,

Please find enclosed our comprehensive software development proposal for your kind consideration.

In the context of seed manufacturing, efficient management of production pipelines, invoicing, and client relations is crucial to maintaining competitiveness and maximizing output. This proposal outlines a tailored ERP solution designed specifically to enhance the operational efficiency, compliance, and financial management of Zadzamatura.

With extensive experience in developing customized software solutions for agricultural and production-focused businesses, including recent work on the T.M. Pick n Pay and Resbright Investments, I am confident that this system will provide a streamlined and scalable solution. Our ERP system will encompass modules for invoicing, production pipeline management, client and debtor management, and fiscal compliance, supporting Zadzamatura in its goals to optimize operations and strengthen client relationships.

Thank you in advance for your time spent reviewing this proposal. We look forward to the opportunity to collaborate with Zadzamatura to bring this vision to life.

Yours Truly,

Mehluli Nokwara

+263782140816



EXECUTIVE SUMMARY

An enterprise solution to manage seed production, financials, and fiscalization with ZIMRA.

Signed as accepted by client:

Talent Ndige

30-10-2024

1. Project Overview

A custom software for seed production operations. The system will do invoicing, production management pipeline, debtor and client management, and fiscalization.

2. Scope

The scope of this project covers the full development lifecycle of the software, from concept and design through deployment and ongoing support. The platform will do standard management of the production pipeline and invoicing in 4 key modules.

The key modules will be as follows:

I. Invoicing Module

- **Automated Invoicing:** Generate and manage invoices based on production output, client orders, or specific services rendered (e.g., detasseling and seed processing).
- **Customization:** Allow for variable rates, discounts, and deductions (such as transportation or equipment use).
- **Payment Tracking:** Record and monitor payments received and outstanding balances to provide an accurate financial overview.
- **Integration with Fiscalization:** Connect with a fiscal device or software to ensure all invoices are compliant with local tax regulations.

II. Production pipeline management

- **Process Workflow Tracking:** Track each stage of seed production—from planting, detasseling, and harvesting to packaging.
- **Yield Monitoring:** Input and monitor data on metrics like Gross Ha, RMT, and other weight metrics to analyze yield efficiency.
- **Inventory Management:** Manage and control seed stock levels, raw materials, and chemicals.
- **Resource Allocation:** Track resources used in production, such as chemicals, fertilizers, diesel, and tractor usage, and allocate them by cost centers for better budget control.

III. Debtor and Client management

- **Client Database:** Store and organize client details, transaction history, and outstanding balances.
- **Account Receivables Tracking:** Track all debtor accounts, generate aging reports, and send reminders or automated notifications for overdue payments.

- **Credit Control:** Allow for credit terms customization for clients, keeping limits and payment timelines in check to reduce default risk.

IV. Fiscalization Module

- **Compliance with Fiscal Regulations:** Ensure all invoices and sales transactions comply with Zimbabwean fiscal requirements, connecting directly to fiscal devices or software.
- **Automated Tax Calculations:** Calculate and display VAT, withholding tax, and other applicable taxes to avoid manual entry errors.
- **Digital Audit Trail:** Maintain a secure, accessible record of all fiscalized transactions for audits and regulatory compliance.

3. Prices

The following is the cost structure:

Name	Cost- USD
Production ERP software	\$ 4,000
Annual hosting and support	\$ 1000
TOTAL	\$5,000

The payment structure shall be 20% of the total amount and then other 20% once a module is completed, such as upon delivery of the complete system. Payment methods will be discussed.

5. Milestones and Reporting

Total estimation of time: 16 weeks

Milestone	Tasks	Reporting	Weeks	Date
1 - Analysis				
1.1	Analysis and design stage, gather data, and create system mockup	Client meeting	2	
1.2	Architecture design	None	1	
1.3	Design work plan	Client meeting to review the work plan	1/2	
2 - Development				
2.1	Create database	None	1	
2.2	Import existing client data	None	1	
2.4	Development	Client meeting to review weekly	7	
3 - Testing				
3.1	Alpha testing desktop application (Closed)	Email Report	1/2	
3.3	Open Beta (volunteer employees)	Client meeting	1/2	
3.4	Finalise documentation	None	1/2	
4 - Deployment				
4.1	Deployment	None	1/2	
5 - Training				
5.1	Inhouse training	Client meeting	1	

5. Future features

In the near future the features will be added to expand the system:

- Data analytics and reporting
- Integration with Payment Gateways
- And more!

