

1. System Overview & Core Modules

We will develop a streamlined web-based system with the following key modules:

- **Main Management Portal:** A central dashboard for administrators and managers. It will provide access to all modules, user management, and comprehensive reporting features.
- **Dedicated Fuel Portal:** A specialized interface designed for personnel managing the fuel reserve. This portal will be used to log fuel dispensed to each truck and to monitor the reserve tank's volume.
- **Fuel Management Module:**
 - Track fuel dispensed to each truck from the 30,000L reserve tank.
 - Log fuel consumption per truck (e.g., litres per 100km).
 - Automatically track the remaining volume in the reserve tank.
 - Send automated email notifications when the reserve tank level falls below a preset threshold (e.g., 5,000L).
- **Service & Maintenance Module:**
 - Log all service and repair activities for each vehicle.
 - Record costs associated with parts and labour for each service job.
 - Set reminders for upcoming scheduled maintenance (e.g., oil change, tire rotation).
- **Compliance Tracking Module:**
 - Track renewal dates for essential documents like Insurance, NTSA Inspection, and County Permits.
 - Upload and store digital copies of compliance documents.
 - Set automated reminders for upcoming expiry dates to avoid penalties.
- **In-Depth Reporting Module:**
 - Generate and export detailed reports on:
 - Fuel consumption and cost per truck, per trip, or per month.
 - Total service and maintenance costs per vehicle over a selected period.
 - Upcoming compliance renewals.
 - Fuel reserve dispensing history.

2. Detailed Development & Setup Costs (One-Time Fee)

This is a fixed-price project based on the clearly defined scope.

Feature/Module	Description	Estimated Hours	Cost (KES)
System Scaffolding & Database	Core architecture, database setup, and user authentication for 7 users with specific roles.	40	120,000
Fuel Management Module	Development of the logic for tracking truck consumption and reserve tank monitoring, including the low-level notification system.	60	180,000
Service & Compliance Modules	Creating the interfaces for logging service/costs and tracking compliance dates with reminders.	50	150,000
Portal Development	Building the user interfaces for the Main Portal and the specialized Fuel Portal.	70	210,000
Reporting Module	Developing the backend logic and frontend interface for generating and exporting reports.	40	120,000
Testing, Deployment & Training	Quality assurance, server setup, system deployment, and a 2-hour training session for your 7 users.	30	90,000
Sub-Total One-Time Cost		290	KES 870,000
Contingency (10%)	For unforeseen complexities and minor scope adjustments.		KES 87,000
Total One-Time Investment			KES 957,000

3. Recurring Running Fees (Monthly/Annually)

For a system of this scale, a cost-effective and reliable solution is paramount.

Service	Description	Monthly Cost (KES)	Annual Cost (KES) (1 Month Discount)
Web Hosting & Security	Secure Virtual Private Server (VPS) hosting suitable for up to 10 users, including daily backups, an SSL certificate for security, and server maintenance.	6,000	66,000

Service	Description	Monthly Cost (KES)	Annual Cost (KES) (1 Month Discount)
Support & Maintenance Plan	Includes system monitoring, minor bug fixes, email & phone support during business hours (8 am - 5 pm), and annual software updates.	10,000	110,000
Total Recurring Cost		KES 16,000	KES 176,000

Note on Third-Party Fees: This system is designed to be self-contained. The only potential third-party fee would be for sending email/SMS notifications, which for reminder purposes would be minimal, estimated at **less than KES 1,000 per month**.

4. Project Timeline

We estimate a focused and efficient development timeline for this project.

- **Development & Internal Testing:** 6-8 Weeks
- **User Acceptance Testing (UAT) & Feedback:** 1 Week
- **Deployment & Final Training:** 1 Week
- **Total Estimated Timeline:** 8 - 10 Weeks

5. Payment Terms

We propose the following straightforward payment schedule:

- **50% Upfront:** To commence the project (KES 478,500).
- **50% on Final Project Delivery:** Upon deployment of the live system and completion of training (KES 478,500).

We are confident this system will provide the precise control and insight you need to manage your fleet's operational costs effectively. It is a targeted solution that avoids unnecessary complexity, ensuring a quick return on your investment.

We look forward to partnering with you. Please do not hesitate to reach out to discuss this proposal further.

Sincerely,

[Your Name/Company Name] [Your Title] [Your Contact Information]

