**Project Proposal**

**Client Name:** Matoshree Fleets  
**Date:** 22/01/2025  
**Prepared By:** Celsys Tech Pvt Ltd  
**Project Title:** Fleet Management and Billing Software

**Project Overview**

The goal of this project is to develop a robust **Fleet Management and Billing Software** that will manage data for **500 vehicles, 20 companies, and 500 vendors**. The software will include features for vehicle management, vendor management, expense tracking, payment processing, and comprehensive reporting.

This software will be designed to be user-friendly, secure, and scalable, leveraging modern technologies like **React.js**, **Node.js**, and **PostgreSQL**.

**Scope of Work**

1. **Core Features**:
   * **Vehicle Management**:
     + Add, update, and delete vehicle details.
     + View status, mileage, and other metrics.
   * **Vendor Management**:
     + Manage vendor profiles and details.
     + Track vendor-specific expenses.
   * **Expense and Payment Tracking**:
     + Add, update, and delete expenses.
     + Generate monthly and yearly financial reports.
   * **User Dashboard**:
     + View key metrics, alerts, and reports in a centralized dashboard.
   * **Authentication and Security**:
     + Role-based access control (Admin/User).
     + Secure user authentication with JWT.
2. **Backend Development**:
   * Develop a scalable API using **Node.js** and **Express.js**.
   * Use **PostgreSQL** for efficient data storage and retrieval.
3. **Frontend Development**:
   * Build a responsive web interface using **React.js**.
   * Optimize the UI for ease of use and performance.
4. **Deployment**:
   * Host the backend on your **VPS**.
   * Deploy the frontend using **Vercel** or a similar service.
5. **Testing and Maintenance**:
   * Conduct unit and integration testing.
   * Provide post-deployment support for 1 month.

**Timeline**

| **Phase** | **Duration** | **Deliverables** |
| --- | --- | --- |
| Requirements Gathering | 1 week | Finalized feature list and specifications. |
| Frontend Development | 2 weeks | Functional user interface. |
| Backend Development | 3 weeks | REST APIs and database integration. |
| Testing & Debugging | 1 week | Bug-free and optimized system. |
| Deployment & Handover | 1 week | Fully deployed system and documentation. |

**Total Timeline**: ~8 Weeks

**Cost Breakdown**

| **Category** | **Cost (₹)** |
| --- | --- |
| Frontend Development | ₹30,000 |
| Backend Development | ₹40,000 |
| Testing & Debugging | ₹10,000 |
| Deployment & Support | ₹10,000 |

**Total Cost**: ₹90,000

**Payment Terms**

* **30% upfront**: ₹27,000 upon project commencement.
* **40% milestone**: ₹36,000 upon completion of backend and frontend integration.
* **30% final payment**: ₹27,000 after successful deployment and handover.

**Additional Notes**

* Any changes to the agreed scope of work may incur additional charges.
* The client will be responsible for hosting fees and domain costs, if applicable.
* Free maintenance and support will be provided for **1-month** post-deployment.

**Acceptance**  
By signing below, you agree to the terms outlined in this proposal.

**Client Signature**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date**: \_\_\_\_\_\_\_\_\_\_

**Celsys Tech Signature**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date**: \_\_\_\_\_\_\_\_\_\_