

# Proposal for AI-Powered Security Gate System

Client: [Client's Name]

Project: AI-Based Face Recognition & RFID Car Access Control System

Prepared By: [Your Name/Company]

Date: [Date]

## Project Overview

This proposal outlines the implementation of an advanced AI-powered security gate system that verifies personnel access using three layers of authentication:

1. Face Recognition (AI-powered identification)
2. RFID Car Tag Verification
3. License Plate Recognition (LPR)

The system ensures secure entry, real-time data transfer to the base office (20 km away), and employee registration management at the office location.

## Hardware Components & Pricing

### Bill 1: Core AI Processing Units

AI Processing Unit - NVIDIA Jetson Xavier NX Developer Kit (Qty: 3) - INR 281997  
Customized Logical PCB - In-house Design (Qty: 1) - INR 30000  
High-Speed Storage (1TB NVMe SSD) - Samsung 970 EVO Plus (Qty: 1) - INR 12000  
4K AI IP Cameras (Night Vision) - Hikvision DS-2CD2T46G2-ISU/SL (Qty: 4) - INR 48000  
Subtotal: INR 3,71,997

### Bill 2: Networking and Communication

20km Wireless PtP Bridge - TP-Link CPE520 (Qty: 2) - INR 18000  
Industrial UHF RFID System - Zebra FX7500 (Qty: 1) - INR 50000  
Ethernet Switch (8-Port Gigabit) - Cisco SG110D-08 (Qty: 1) - INR 5000  
Network Cables (Cat6, 100m) - D-Link NCB-C6UGRYR-100 (Qty: 2) - INR 6000  
Subtotal: INR 79,000

## Total Cost Breakdown

Core AI Processing Units: INR 3,71,997

Networking and Communication: INR 79,000

Total Amount: INR 4,50,997

GST (Extra as per applicable rate)

## **Scope of Work**

1. Hardware Supply & Assembly: Includes procurement, wiring, and system integration.
2. Installation & Deployment: Secure mounting, wiring, and software configuration.
3. Testing & Calibration: Ensuring AI models, RFID system, and networking work seamlessly.
4. Final Handover: Delivering a fully operational system with training.

## **Terms & Conditions**

- Delivery Time: [Mention estimated time]
- Warranty: [Specify warranty terms]
- Payment Terms: [Specify payment structure]
- Taxes: GST will be applicable as per government regulations.

**For any further details, feel free to contact us.**

[Your Name/Company]

[Your Contact Information]

[Your Email Address]