



BAYAM (M) SDN. BHD (1402018-W)
03-01, Kenwingston Square Garden,
Persiaran Bestari,
63000 Cyberjaya, Selangor.

Phone: +603 2770 0369
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Barrier Gate Cost Estimate for Housing in Nada 5, Nilai

Scope of Work

Installation of FOUR(4) barriers for Entry, Exit and TWO(2) Visitor Lanes, meeting industry standards. Cabling works for barriers including cables for Barrier(s), Reader(s) and Switch(s) with approximately 10 Meters from the Guardhouse.

Cost Estimate

Main Package:-

Description	Qty	Unit Price(RM)	Total Cost(RM)
ACCESS CONTROLLER			
Baycons Access Controller Board <ul style="list-style-type: none">- MCU: ESP32- Power Input: 12V or POE (30W)- Connectivity: 2 x Wiegand, 2 x Dry Contact, 2 x Powered Relay1 x 100M Ethernet, 1 x Micro SD Slot, 1 x RS485 2 x Digital Inputs, 1 x Serial Port, 1 x I2C Port- Wireless: WiFi, Bluetooth- Suitable for standalone controllers.	1	900.00	900.00
Baycons Local Access Server <ul style="list-style-type: none">- CPU: Intel i3- RAM: 4GB DDR4- Storage: 256GB SSD- OS: Ubuntu Server- LAN: 2x Gigabit Ethernet- I/O Ports: USB, HDMI/VGA, Serial (if needed)- Design: Fanless Mini PC,- Purpose: Local server to interface with Baycons controller board for access control operations	1	1,200.00	1,200.00
BARRIER GATE			
ZKTeco Heavy Duty Barrier Gate	4	2,400.00	9,600.00



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<ul style="list-style-type: none"> - Opening & Closing time: 3s - Boom type: Straight telescopic boom - Adjustable 4.5m - Supports Anti-Smash and Trigger automatic close using infrared detector /loop detector / radar detector - 430Mhz Remote control included: <30 meter distance - Built-in LED light indicator in Chassis for better humanized experience - Power consumption: 120W maximum; AC220V ; 50kg - Warranty along contract period 			
INPUT READER/ANPR			
ZKTeco UHF Long Range Reader <ul style="list-style-type: none"> - Unencrypted/Encrypted Proximity RFID Reader (UHF) - Comm Interface: Wiegand 26 (Default) / Wiegand 34 / RS485 / USB - Die-Cast Aluminium shell, Antenna panel with engineering plastics - Frequency: 919Mhz - 923Mhz. MCMC/SIRIM approved with certificate - Always Read (Default) / Trigger to Read. 7 Colours LED Light to choose from - Reading distance 10 - 20m (Actual scenario test is around 8m) - Dimensions: 445 x 445 x 68mm. Working voltage: 9 ~ 15VDC ; 3.5kg 	2	2,420.00	4,840.00
Auto Number Plate Recognition System Camera Specifications (Basic): <ul style="list-style-type: none"> - Full HD IP Camera (1080p) with IR - Suitable for 3–10 meter detection range Software Features:	2	3,320.00	6,640.00



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<ul style="list-style-type: none"> - Real-time number plate recognition with high accuracy - Whitelist/Blacklist management for access control - Event logging with search and export capability 			
Reader Pole <ul style="list-style-type: none"> - Height: 1.8 meters; Material: Steel - Base: Φ200mm, Pole: Φ60mm - Color: White (Powder coated) - Suitable for ANPR, UHF Reader, Multiple units of camera - Weight: 5.5kg 	4	280.00	1,120.00
LIGHTNING/SURGE PROTECTOR			
AC Lightning Protector <ul style="list-style-type: none"> - Module for Power AC - 3-core screw terminals in/out - Lifetime replacement exchange; burnt unit can be replaced 	4	100.00	400.00
Data Network Protector (Readers) <ul style="list-style-type: none"> - Module for LAN cable (10/100/1000Mbps) 8-pins RJ45 - Lifetime replacement exchange; burnt unit can be replaced 	2	80.00	80.00
INSTALLATION			
Cabling & PVC conduit pipe work: <ul style="list-style-type: none"> - PVC Conduit with accessories - Heavy Duty 2.5mm electric cable for Barriers - PVC Conduit for Network Cabling ANPR Cameras 	1	2,000.00	2,000.00
Civil Works <ul style="list-style-type: none"> - Road Hacking for Barriers' Cables - Barrier Concrete Island - Other Related Civil Works 	1	1,800.00	1,800.00



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Networking Cables - Networking Cables Termination for ANPR Cameras - Networking Cables Testing and Commissioning	1	1,200.00	1,200.00
Project Implementations - Installation all related parts - Testing include real life testing and simulations - User Training for Management Officer and Security Officer	1	500.00	500.00
OTHERS			
4G Gigabit Router - 300Mbps Capability - 4 x Gigabit LAN - 12v Powered	1	FREE	FREE
TOTAL			RM 30,280.00

Timeline & Warranty

- Completion in 3 days, weather permitting.
- If weather or material shortages cause delays, we will notify you and provide a contingency plan.
- We provide a warranty covering defects and installation issues, excluding human errors; warranty will cover along the contract period

Add Ons:-

Description	Qty	Unit Price(RM)	Total Cost(RM)
-			
-			



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COIL/INFRARED BARRIER VEHICLE DETECTOR			
Ground Loop Coil and Loop Detector <ul style="list-style-type: none"> - High Temperature Loop Detector Coil - 0.75mm² Thickness, 50m per roll - Waterproof, Oil proof, flame retardant, fire resistant, acid/alkaline corrosion resistant - Single channel Loop Detector with two relay outputs (OEM) - Used for vehicle sensing detection - Suitable for parking lots, road tolls and traffic signal control - Response time <100ms; 230VAC Powered; Consumption <3W 	6	350.00	2,100.00
Barrier Anti-Smash Infrared Sensor <ul style="list-style-type: none"> - Anti-Smash Wave Radar (Freq: 79-81Ghz) - 79G millimeter wave sensor; Connection: RS485 - Detection distance: 1~6m (adjustable); Width: 0.5~1.5m (adjustable) - IP65 rated; Powered: DC10V~24V (Default: DC12V 1A), <2.5W 	6	670.00	4,020.00
PUSH BUTTON			
Heavy Duty Barrier Push Button <ul style="list-style-type: none"> - Communication: N/O signal - Design with up, stop & down icon 	4	50.00	200.00
ACCESS CARD			
UHF RFID Access Card <ul style="list-style-type: none"> - ONE SIDED Black and White Printing 	1000	15.00	15,000.00



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UHF RFID Access Card - TWO SIDED Black and White Printing	1000	16.00	16,000.00
UHF RFID Access Card - TWO SIDED Colour Printing	1000	25.00	25,000.00
UHF RFID Access Card - ONE SIDED Colour Designed Sticker	1000	15.00	15,000.00