

REQUEST FOR PROPOSALS

General Information

Service/Work description 1: Supply and Installation of Access Control System at 70 locations.

Service description 2: Supply of additional items required for BML's Intruder Alarm Systems.

Background:

Bank of Maldives is the innovative leader of the financial industry and is increasing its use of technology to provide convenient, accessible and secure banking services.

Objectives:

As part of our plans to expand and upgrade the security of our company, and to make a safe and secure workplace, the bank seeks to:

1. Upgrade and install Hik Central Access Control System Throughout High Risk and Medium Risk branches and ATM locations of BML. Access Control System for 70 Locations
2. Supply of Additional items related to Intruder Alarm Systems.

Scope of Work:

The firm should be able to:

- Work with BML Security Staffs.
- Work in the standard that has been set by BML.
- Deliver the products on their offered duration
- Make sure all the products are not damaged before handing over.

Deliverables:

1. Access Control Project at 70 Location

- 01 year warranty and free one year after sale services.
- Hikvision reseller certificate must be provided.
- Specified Model and Brand must be provided
- Provide us with floor plan of the locations which the system and devices are installed.
- Alarm Input of the Lock should be connected to the Hikcentral Software (should be able to use alarm input of the lock)
- All works related to Installation should be covered.
- Cat 6 Cables should be used in every location
- Party should have a minimum 1 year experience in this field.
- Installed panels and devices should be integrated with the HikCentral software.
- The vendor must install the electric socket for the Card Access Systems (Price to be included within installation charges).

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2. Additional Items for Intruder Alarm System

- 01 Year Warranty for all the products.
- GSM Module must be included in the panel (Note: SIM card should not be provided by vendor).
- Hikvision reseller certificate must be provided.
- Specified Model and Brand must be provided.

Requirement:

1. 70 Location Access Control Project

The firm should be a company/agency that provides technical support. The firm should have capacity and experience in installing Hikvision Access Control Systems.

- Vendor should sent an expert in field related to Access control works (includes Door cutting and power connections)
- Quotation(s) should only include the price (accommodation & food) for 1 person.
- For ATM sites include price for only 2 day, and for Branch include price for 3 days.
- Bank will provide 1 staff for assisting the overall works related to the project.
- Any necessary works (such as Welding, modification of lock, etc) which may need to be done on site, should be included in the Installation price

2. Additional Items for Intruder Alarm System

- The firm should be a company/agency that provides after sales service.
- Vendor need to include shipping cost as air cargo because items will be needed to deliver ASAP.

Proposal Evaluation Criteria:

Since specific model or specification of Requested items are required to deliver, evaluation criteria will be 80% on price, 10% on delivery and 10% on Vendor Performance/Background.

Documents to be submitted for Technical Proposal:

- Document that are related with the delivery of required additional items and the installation of Access Control systems.

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Specifications

Details of the Specifications for 70 location Access Control System Project

#	Description	Qty
1	Network Access Controller Terminal DS-K1T341AMF	140
2	Sensor Exit Button	140
3	Smart Card S50+TK4100	975
4	ZKT/SOCA Power Supply(battery Supported)	153
5	Soca Electric Bolt Lock with Cylinder SL-130U	140
6	pStor & Camera License	258
7	BI Report (HikCentral-P-BI Report Module)	1
8	Pstor-picture (pStor-Picture Storage Base)	1
9	Smart wall HikCentral P-SmartWall Module)	1
10	Intercom DS-KH8520-WTE1 & Bracket DS-KABH6320-T	5
11	Visitor (HikCentral-P-Visitor Module)	1
12	Video Intercom & Indoor Station license	6
13	Hik Central Access Point license	168

Details of the Specifications for Additional items for Intruder Alarm System

#	Description	Qty
1	Hybrid control panel DS-PHA64-W4M with Battery	8
2	Power Supply for Mental Hybrid Control Panel DS-PMA-D	8
3	3G/4G Communication DS-PMA-S2 (SIM7600E-H module)	25
4	DS-PHA64-W4B Hybrid PCB	8
5	Wired Keypad (Support 868MHz Keyfob) DS-PK-LRT (868MHz)	30
6	Wired internal Ceiling mounted PIR detector DS-PD2-P12QE-C	40
10	Emergency Break Glass (NC/NO supported)DS-K7PEB	20

Note:

- Bank of Maldives will provide air ticket and speed launch transportation for the locations (70 location Access Control Project only)
- Installation charges, other accessories charges, and accommodation cost must be included in the quotation. (Cost breakdown for each location must be included separately).
- Two separate quotations, one for devices and the other for installations should be provided.
- Vendor needs to provide shipping cost for both Air and Sea Freight option separately
- Installation duration and delivery duration should be separately quoted.

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Specification of Required Hikvision Access Control System

Network Access Controller Terminal DS-K1T341AMF



- Supports 6 attendance status, including check in, check out, break in, break out, overtime in, overtime out
 - Supports multiple languages: English, Spanish, Arabic, Thai, Indonesian, Russian, and Vietnamese.
 - Configuration via the web client
 - Remotely opens door and starts live view via Hik-Connect
 - Supports ISAPI and EHome 5.0 protocols
- * Biometric recognition products are not 100% applicable to anti-spoofing environments. If you require a higher security level, use multiple authentication modes.*

Specifications

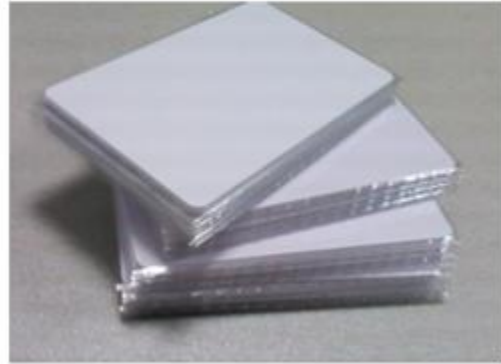
Model		DS-K1T341AM	DS-K1T341AMF
System	Operation system	Linux	
	Size	4.3-inch	
Screen	Resolution	800 × 480	
	Operation method	Capacitive touch screen	
Camera	Resolution	720p	
	WDR	Support	
	Lens	× 2	
Audio	Video standard	PAL (Default) and NTSC	
	Audio input	Built-in omnidirectional microphone	
	Audio output	Built-in loudspeaker	
Network	Volume adjustment	Adjust via device or client	
	Wired network	10 M/100 M/1000 M self-adaptive	
	Communication protocol	EHome 5.0	
Interface	Network interface	× 1, RJ45	
	RS-485	× 1	
	Wiegand	Wiegand 26 and Wiegand 34	
Capacity	Lock output	× 1	
	Exit button	× 1	
	Door contact input	× 1	
Authentication	Power interface	× 1	
	TAMPER	× 1	
	USB	× 1, USB2.0	
Capacity	Card capacity	1500	
	Face capacity	1500	
	Fingerprint capacity	/	1500
Authentication	Event capacity	150,000	
	Card type	Mifare 1	
	Card reading distance	0 to 3 cm	
Authentication	Card reading duration	< 1 s	
	Face recognition duration	< 0.2 s	

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Smart Card S50+TK4100

S50+TK4100

- Smart, un-contact, dual-frequency
- High reliability, large capacity
- ISO14443 Type A standard and ISO/IEC 7816-5
- Compatible to the logic encryption card
- 64K Byte EEPROM Capacity
- Working frequency: 13.56MHz and 125KHz
- EEPROM control circuits, Over 100,000 rewriting tests, 10-year's data storage life
- Meets the requirements of high-security, large-volume, and fast -trading un-contact payment



Sensor Exit Button



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12v 7Ah Power Supply and Battery 12v 10Ah Re-Chargeable

ZKT/SOCA Power Supply(battery Supported) recommended



Soca Electric Bolt Lock with Cylinder

SL-130U : DC12V~24V , Door position detection and bolt position (N.C. & N.O.) output points




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Specification of Required Hikvision Intruder Additional Items

Hybrid control panel DS-PHA64-W4M with Battery

DS-PHA64-W4M

Alarm Products > Hikvision Intrusion Alarm Panels > Hybrid Control Panels > DS-PHA64-W4M



Hybrid control panel


- Hybrid System; 8 on-board zones , and 56 wired/wireless zones expandable
- 4 on-board outputs, and 60 wired/wireless outputs expandable
- Dual path communication of alarm events and other signals over LAN, PSTN, Wi-Fi, GPRS and 3G/4G utilizing a main and backup channel with configurable priority
- 4-ch onboard video verification, supports video recording(5s Pre-alarm + 2s Post-alarm, or 2s Pre-alarm + 5s Post-alarm) for verification to the alarm receiving email or mobile client
- Supports 8 keyfobs, 9 keypads, 1 wired siren and 2 wireless sirens
- Supports arming/disarming via keypad, keyfob, mobile client, iVMS-4200, SMS, and tag
- Pushes alarm notification via messages, email, and Hik-Connect
- Supports ISAPI, Ehome 5.0, and DC09 protocol
- Uploads alarm events to alarm receiving center or platform
- Metal shell, supports storage battery
- 1 manufacturer, 1 installer, 1 administrator, and 45 Operators

3G/4G Communication Module (For Metal AX Hybrid Panel)

DS-PMA-S2 (SIM7600E-H module)

DS-PMA-S2

Alarm Products > Hikvision Intrusion Alarm Panels > Expanders & Peripherals >



4G module

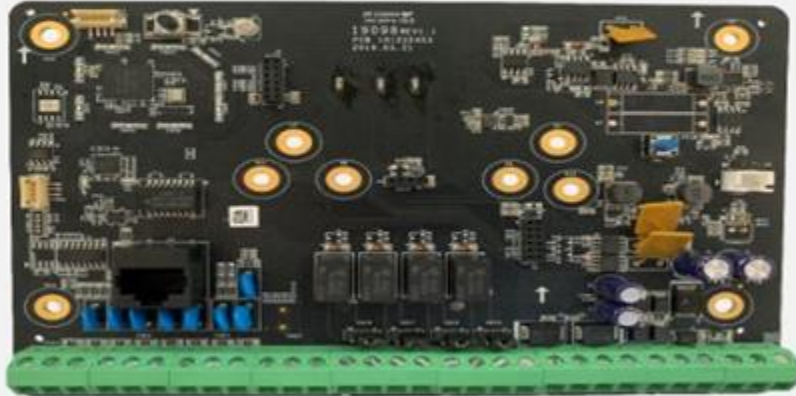
- 4G communication module, compatible to Metal / PCB AX Hybrid panel to expand the 4G communication

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DS-PHA64-W4B Hybrid PCB

DS-PHA64-W4B



DS-PMA-D Power Supply

DS-PMA-D

Power Supply for Mental Hybrid Control Panel

The DS-PMA-D is a Power Supply module which can be used to work with mental AX hybrid panel to transfer AC voltage to DC input.




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Wired Keypad (Support 868MHz Keyfob) DS-PK-LRT (868MHz)

DS-PK-LRT(868MHz) [Alarm Products](#) [Hikvision Intrusion Alarm Panels](#) [Expanders & Peripherals](#) [DS-PK-LRT\(868MHz\)](#)

New



Wired Keypad(Support 868MHz Keyfob)


- 80 × 25 mm LCD screen display
- Supports arming and disarming by swiping cards
- Supports remote arming and disarming via keyfob (compatible with 868MHz DS-PKFE-5 keyfob)
- Supports one-touch arm
- Supports displaying zone name on the LCD screen
- Displays real-time system status on LED indicator and LCD screen
- Tamper proof

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Wired internal ceiling mounted PIR detector DS-PD2-P12QE-C

DS-PD2-P12QE-C [Alarm Products](#) [Hikvision Intrusion Detectors](#) [Wired Detectors](#) [DS-PD2-P12QE-C](#)

New



Wired internal ceiling mounted PIR detector

- 360° coverage
- Brand new plastics
- Front tamper protection
- Digital quad zone PIR
- Blue Wave Technology
- Ceiling mount technology
- Enhanced installation
- Easy upgrade

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Emergency Break Glass (NC/NO supported)DS-K7PEB



MODELS

DS-K7PEB



MAIN FEATURES

- Suitable for Door: exit door, emergency door
- Material Selection: Fireproof material, sandblast finished
- Standard structure: fireproof material
- Optional Accessories: glass/ transparent cover
- Output Contact: NO/NC/COM
- Current Rating: 3A @ 36VDC Max
- Dimensions: 86(L)x86(W)x50(H)(mm)
- Color: red or green are selectable
- Operating Temperature: -10°C to +55°C (14F to 131F)
- Operating Humidity: 0% to 95% (relative humidity)
- Weight: 0.2kg

Installation and Dimension