

ANNEX 1

CATEGORY 1

Door Access Control System Technical Requirement

Description	Qty
Access Control Unit <ul style="list-style-type: none"> ▪ Control panel with box and power supply ▪ Support both TCP/IP and RS-485 communication. ▪ Support 26-bit Wiegand and RS485 FR Series Reader ▪ Should support ZK software ▪ 12V 7Ah backup battery 	Required for 9 locks
Reader & Buttons <ul style="list-style-type: none"> ▪ Wiegand reader ▪ Infrared exit button ▪ Emergency exit door release button 	9 9 9
Magnetic Door Locks <ul style="list-style-type: none"> ▪ EM lock for double action wooden doors ▪ EM lock for single action wooden doors ▪ EM lock for single action aluminum doors 	4 4 3

Door Lock Location

1st Floor

- Two locks for ICU double action wooden door
- Two locks for OT double action wooden door
- One lock for NICU single action wooden door
- One lock for Meeting Room single action wooden door
- One lock for Biomedical Room single action wooden door
- One lock for Nursing Administration room single action wooden door

Service building

- One lock for oxygen room single action aluminum door

Store

- One lock for General store single action aluminum door
- One lock for medical store single action aluminum door



Installation

- All the necessary cabling and installation should be done by the supplier.
 - Total estimated cable length is 200m.
 - CAT 6 network cable is recommended.
 - All cables are required to be laid through conduit pipe from access control panel to network rack.

CATEGORY 2

SSD Specification

Item	Qty
240GB SSD	40
512GB SSD	5

Solid State Drive 240GB

Interface	SATA 6.0Gb/s
Capacity	240GB
Form Factor	2.5-inch internal SSD
Sequential Read	Minimum 450MB/s
Sequential Write	Minimum 450 MB/s

Solid State Drive 512GB

Interface	SATA 6.0Gb/s
Capacity	512GB
Form Factor	2.5-inch internal SSD
Sequential Read	Minimum 450MB/s
Sequential Write	Minimum 450 MB/s

