

Package-01

Sl. No.	Specification	Unit	Qty
1	<p>EE-KIT. Kit of Conversion and Consumption Simulation (AC): Single-phase inverter: Single-phase. 25 kHz switch mode technology. Start-up power of 200%. Short-circuit protection. High temperature protection. Overcharge protection. Operation state indicating LED. Rear connection/disconnection switch. AC Loads Module: Metallic box. Diagram in the front panel. Axial compact fan of 230V with plastic guards. 3 Lamps of 220V - 240V.,= power: 11W. Independent connection for every load with the help of the 4 positions selector: -Inverter operation with no load. -Fan motor connected. -One AC lamp connected. -Two AC lamps connected in parallel.</p>	No	1

Package-04

Sl. No.	Specification	Unit	Qty
1	Chair as per the figure below	No	174



Package-06

Sl. No.	Specification	Unit	Qty
1	Power Conditioning Unit (PCU): 10 kVA, 96/120 V DC, 240 VAC, single phase, 50 Hz, pure sine wave output and >85% efficiency.	No	1

Addendum to PKG-02: Door Access Control System (2017-18)

Overview:

1. The supplier shall provide the purchaser with detailed system design architecture information to demonstrate that the offered system hardware and software is designed a truly centralised and integrated environment.
2. The proposed Door Access Control System shall offer a highly efficient and automated solution that allows operators to quickly identify an alarm scenario.
3. The proposed overall system design and operation shall be user friendly and only require minimum training to allow an operator to perform his daily routine with minimum supervision required.
4. All proposed security field devices installation shall not only to operate functionally, they have also to blend with the interior design of the building. Installer shall ensure such requirements are harmonized.
5. All interfaces within the Door Access Control System shall be based on TCP/IP network protocol connectivity over the LAN
6. The supplier shall ensure that the Door Access Control System must be expandable in the following areas:
 - a. The system shall be designed to allow foreseeable organizational changes and procedural changes beyond current plans,
 - b. Additional hardware units shall easily be added without any modification to the existing hardware, software and network configuration
7. All door access activities shall be logged into the central database. Any unauthorized attempt or invalid card used shall be reported to the Door ACCESS CONTROL SYSTEM.
8. All equipment within the Door Access Control System shall continue to operate for at least 1 hour in the event of main AC power failure.
9. The Door Access Control System shall be of open-architecture, PC-based system based on Windows Operating Systems, such as Windows 7, Windows 10 (32 and 64 bit, Enterprise), Windows Server 2012 r2 and above

PoE Network Switch

- Managed 24 PoE port network switch for card readers connection and power supply
- Layer 2 switch
- Provide UPS battery backup to support for at least 1 hour in case of power failure