Purchase of an Online UPS with batteries and one computer with printer

Sl. No	Description of Items	Quantity
1	Supply, Installation, Testing and Commissioning of 7.5kVA True Online UPS with a battery backup of 30 minutes as per the technical specifications at the School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi under UGC-SAP Project.	1 set
2	Supply, Installation, Testing and Commissioning of desktop computer with a LaserJet printer along with genuine Windows and Microsoft Office (latest version), drivers and accessories as per the technical specifications at the School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi under UGC-SAP Project.	1 each

Technical Specifications for Online UPS 7.5 kVA with sealed batteries

1) Input Specification
- Loading capacity should be greater than or equal to 7.5 kVA
- Capacity range should be greater than or equal to 5000V A
- Input voltage range 160V-270V AC
- Phase should be single phase
- Power Factor should be ≥ 0.9

2) Battery
- Requisite number of sealed lead maintenance free batteries from reputed and reliable brands (DC Voltage ≥ 36 V or higher)
- Battery charging must be constant current & constant voltage.
- Minimum battery backup 30 mins.
- Battery MS rack to house battery, powder coated

3) Output Specification
- Nominal Voltage 220/230/240V AC ± 1% (selectable)
- Frequency at least 50 Hz ± 0.1%.
- Frequency Synchronization must be between 47 to 53 Hz
- Voltage THD should be less than or equal to 2% Linear Load, 6% (non-linear load)

4) Efficiency
- AC/AC overall efficiency ≥ 85%
- Overload Capacity 115-125 % for 2 min and 126-150% for 30 sec.

5) Features
- Pure sinewave, True on-line UPS system
- Convertor mode should be available
- Pure Sinewave inverter type
- Display: LED display for mains, UPS, fault, low battery and overload
- It should be CE certified.
- Overheating protection
- Automatic battery charging and change over
- Short circuit protection and all other necessary alarms

6) Warranty
- Three years onsite warranty on UPS
- Five years warranty on batteries

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Technical Specifications for desktop computer (Quantity 1)

Processor

7th Generation Intel® Core™ i5 Processor or above

Operating System

Windows 10 Home 64 with genuine MS office

Display Type

54.61cms (21.5 inch) Full HD (1920x1080)

Memory

8 GB, DDR4 2666MHz

Hard Drive

1 TB 5400 HDD

Optical Drive

DVD±RW

Warranty

3 Years Onsite

Speaker

3Wx2

AC Adapter

65W

Graphics

Integrated Intel® UHD Graphics

Ports

2x USB 3.1 Gen 2, 2x USB 2.0, 1x Ethernet (RJ-45), Headphone / microphone jack

Camera

720p HD

Networking

Integrated 100/1000M

Desktop type

All In One type desktop

Keyboard and Mouse

Wireless, QWERTY type keyboard, USB port supporting

Mouse/Pointing Device

Wireless, left-right-centre click and scroll button, USB port supporting

WiFi Wireless LAN Adapters

Wireless LAN (1x1 AC) & Bluetooth® 4.0

Power Supply

65W

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Technical Specifications for laser jet printer (Quantity 1)

- Printer type: Monochrome laser jet
- Functionality: All-in-one (Print, Scan and Copy)
- Output : Black and White
- Connectivity, standard Hi-Speed USB 2.0; built-in Wifi 802.11b/g/n
- Wireless capability Yes
- Mobile printing capability and Wi-Fi® Direct Printing: Yes;
- Processor speed   500 MHz
- Scan Resolution, Hardware   Up to 600 ppi
- Scan Resolution, Optical   Up to 600 ppi
- Memory   64 MB
- Memory, maximum   64 MB:
- Ideal usage: Office use
- Included components: Power Cord
- Print resolution: Up to 600 x 600 dpi
- Duty cycle: Up to 20,000 pages (monthly)
- Connectivity: USB, Wireless, WiFi-Direct, Print with mobile
- Compatible Ink Cartridge or Toner Reload Kit to be provided (1 No.)
- Page Yield - 5000 pages
- Page Size Supported : A6; A5; A4; Letter; No.10 Env; C5 Env; DL Env; B5(JIS); 105 x 148.5 mm to 215.9 x 297 mm,
- Duplex printing   Manual (driver support provided) Input tray capacity : Up to 150 sheets,
- Output tray capacity: Up to 100 sheets
- Power Consumption : Preferably energy star certified
- Features: High-volume laser printing at low cost, with wifi printing and MFP versatility.
- Warranty: Two years onsite

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