



Hansraj College
University of Delhi
Mahatma Hansraj Marg, Malka Ganj
Delhi - 110007

हंसराज महाविद्यालय
दिल्ली विश्वविद्यालय
महात्मा हंसराज मार्ग, मल्कागंज
दिल्ली 110007

Ref: No. QUOT/Purchase/2023-24/

Date: 03/04/2023

QUOTATION INVITING NOTICE

Sealed quotations are invited for the purchase of Photo Printer as per the following specification:

Sr. No.	Description of Item(s)	Quantity
1.	Online UPS Description is attached	1

1. Sealed envelope should be super-scribed with "Quotation for Online UPS" and addressed to
**The Principal,
Hansraj College
Malka Ganj, Delhi-110007**
2. Quotation should reach to the above address through Registered/Speed post or by hand latest by 10.04.2023 up to 10:00 a.m.
3. The unit rate for any item should be quoted without GST and the slab (%) or amount of GST to be mentioned therein.
4. Any rate quoted by vendor without mentioning GST slab for any item, the quoted rate for that item will be considered as GST inclusive.
5. Vendors who are applying for above quotation must have GSTIN registration and GSTIN no. to be mentioned on the quotation.
6. The Principal may accept or reject any or all the quotation in part or full without assigning any reason.
7. The Principal reserve the right to splitting the items to two or more vendor for placement of order.
8. Payment Terms: Full and final payment will be made after successful delivery and installation (if required) of Instruments at free of cost at our college.
9. All the payment will be made through RTGS/NEFT only.

Ankita
3-4-23
Convener
Central Purchase Committee

Rama
Prof. Rama
Principal

UPS SPECIFICATION

ONLINE UPS		
General	UPS Topology	Online Double Conversion
	Energy Saving Technology	Online ECO Mode Efficiency > 95%
	Active PFC Compatibility	Yes
Input	Generator Compatibility	Yes
	Nominal Input Voltage (Vac)	230 ± 10%
	Input Voltage Range (Vac)	190 ~ 300
	Input Frequency (Hz)	50 ± 10, 60 ± 10
	Input Frequency Detection	Auto-sensing
	Rated Input Current (A)	13.6
	Input Connector Type	IEC C20
Output	Capacity (VA)	3000
	Capacity (Watts)	2400
	On Battery Waveform	Pure Sine Wave
	On Battery Voltage(s) (Vac)	208 ± 1%, 220 ± 1%, 230 ± 1%, 240 ± 1%
	Output Voltage Setting	Configurable
	On Battery Frequency (Hz)	50 ± 0.5%, 60 ± 0.5%
	Output Frequency Setting	Configurable
	Overload Protection	Internal Current Limiting, Circuit Breaker, Fuse
	Overload Protection (Line Mode)	110~120% Load for 1 min, >120% Load Immediately
	Overload Protection (Battery Mode)	110~120% Load for 10 sec, >120% Load Immediately
	Overload Protection (Bypass Mode)	>130% Load Immediately
	Harmonic Distortion (Linear Load)	THD < 3%
	Harmonic Distortion (Non-linear Load)	THD < 5%
	Outlet(s) - Total	4
	Outlet Type	Hardwire Terminal Block x 1, IN/ZA x 3
Outlet(s) - Battery & Surge Protected	3	
Typical Transfer Time (ms)	0	
Battery	Smart Battery Management (SBM)	Yes
	Extended Battery Module (EBM)	BPSE72V40AC
	Max. EBM Quantity (pcs)	10
	Surge Suppression (Joules)	440
	EMI/RFI Filtration	Yes
Management & Communications		Power On, Line Mode, Battery Mode, Bypass Mode, Battery Capacity, Low Battery, Overload, UPS Fault, Replace Battery
	LED Indicators	Battery
	Serial Port	RS232
	Power Management Software	PowerPanel® Business Edition
	SNMP / HTTP Remote Monitoring	External Slot via RS232

Physical	Form Factor	Tower
Physical Size - Power Module	Dimensions (WxHxD) (mm.)	151 x 225 x 394
	Weight (kg.)	8.1
Physical Size - Battery Module	Dimensions (WxHxD) (mm.)	151 x 225 x 394
	Weight (kg.)	17.2
Environmental	Operating Temperature (°F)	32 ~ 104
	Operating Temperature (°C)	0 ~ 40
	Operating Relative Humidity (Non-condensing) (%)	20 ~ 90
	Online Thermal Dissipation (BTU/hr)	1126
Certifications	Certifications	BIS
	RoHS	Yes