OFFICE OF THE PRINCIPAL

PENDRANI MAHAVIDYALYA

AT/PO-UMERKOTE, DIST-NABARANGPUR, ODISHA, PIN-764073 EMAIL ID -pendranimahavidyalaya@gmail.com

Letter No. 930/PM/2025

Date:-21/06/2025

QUATATION CALL NOTICE

Sealed quotation is invited from eligible authorized dealers/ suppliers having valid GST and PAN no. for upgrading of IT infrastructure. Sealed quotations papers must reach our office within seven days of publication of the notice. The quotations will be opened on Saturday 28/06/2025 at 4:00 pm in the chamber of principal, Pendrani Mahavidyalaya, Umerkote, dist-Nabarangpur in the presence of concerned authority and purchase committee. The authority has the right to reject the quotation without assigning the reason thereof.

For more details visit our website www.pendranicollege.in

Principal Control of the Control of

ANEXURE - A

Quantities & specification of IT items to be procured

SI. No.	Description of the items	Quantity
2	Desktop	12
2.	UPS	12
3.	MFM Printer	02
4.	LED TV (65 inch)	02
5.	Wireless mic & camera for virtual meeting	1
6.	Internet facility	

Pondreni Nei eridosiupa UMERIKOTE

Desktop S	pecification
Items	Specification
Cabinet Form Factor	Tower/Micro Tower (15.1 to 26 Litres)
Chipset Number	Intel H670/Intel® H770 or higher Chipset
Processor Make	Intel
Processor	x86 64-bit architecture
Processor Generation	13 Or higher
Processor Description	Intel Core i3 or higher
Processor Number	Intel Core i3 13100 or higher
Number of Cores and Threads per Processor	Max Turbo Frequency 4.5Ghz, Minimum 4 Cores and 8 Threads or higher
Operating System	Windows 11 Home Factory Preloaded
RAM Size (GB)	DDR-4 8GB 3200 (16 X1) or higher (2 DIIM Slots)
RAM Expandability up to (using spare DIMM Slots in GB)	64 GB or higher
Integrated Graphics	Intel UHD Graphics 770 or higher
Supported for discrete NVIDIA/AMD Graphics Card up to 6GB	Yes
Type of Drives used to populate the Internal Bays	NVMe SSD
Total HDD Capacity (GB)	NA .
Total SSD Capacity (GB)	512GB NVMe SSD
Optical Drive	Optional
Drive Bays	Two 3.5" (2.5") HDD
Slots for Upgradation	2 M.2 slots for WLAN & SSD
LAN	LAN: Integrated 10/100/1000M
Ports and Connectors	Front: 1 headphone/microphone combo; 3 Super Speed USB SGbps signalling rate; 2 SuperSpeed USB 10 Gbps signalling rate; 1 USB Type-C, total 6nos USB in front for easy access Rear: 1 HDMI; 1 Serial Port; 1 line in; 1 line out; 1 power connector; 1 RJ-45; 1 DP; 2 USB 2.0
Firmware Trusted Platform Module	TPM 2.0
Hardware Security lock slot	Security lock slot
Power Supply	180-260Watt Internal power supply with minimum 90% efficiency
	Bidder should submit OEM bid specific authorization & the same authorization may be verified by the respective OEM if required.
	OEM must have the ISO 9001,14001, ISO 20001, ISO 27001 Certificate
Certification	Microsoft Windows, Energy star 8.0 certified
	Bidder should submit BIS, BEE, EPEAT, UL, RoHS Certificate or products at the time of participation of the Bid.
Keyboard Mouse	USB Keyboard; USB Optical Mouse
Monitor	19.5" LED Display with CTO Certified and same must be belongs to the same OEM
Years of Warranty	3 Year Onsite Warranty

		eractive UPS Specifications General Specifications	
SI. No.	Feature	TO ON TELEVISION CONTROL OF A C	
1	UPS Capacity (total)	600VA/360W	
2	Input Voltage	230 VAC nominal	
3	Input Frequency	45 - 65 Hz	
4	Brownout Transfer	145 VAC typical	
5	Over-voltage Transfer	290 VAC typical	
6	Voltage on Battery	230 VAC typical (stepped approximated sine wave)	
7	Frequency - On Battery	50Hz typical	
8	Transfer Time	@50 Hz 6 ms typical, 10 ms max	
9	Air Ventilation	Should have Side and Back Honey bee Perforation for heat dispersion	
10	Protection from Humidity & Dust	UPS Should have conformal paint coating on PCB for Insulation for Dust and Humidity	
11	Battery Saver Option	UPS Should have Battery Saver Option to increase the life of the Battery upto 5 years	
12	No Load Shutdown	UPS Should work on loads of 2-3 watts also	
13	AC Surge Protection	Full time, 160 joules	
14	Automatic Re start of UPS	In case the UPS backup is totally drained and automatic switched off, when the grid power resumes the UPS Should Auto Start without human interference.	
15	Type (maintenance-free)	12V, 7 2 Ah	
16	Typical recharge time	4- 6 hours	
17	Operating Temperature	0°C to 40°C	
18	Storage Temperature	-15°C to 45°C	
19	3 power outlets	With battery backup and surge protection	
20	Power Cord	1.2 meters	
21	Runtime for Single PC load (60W ± 15W)	27 min (normal mode)	
22	Runtime for Workstation PC (100W ±15W)	13 min (normal mode)	
23	Battery Saver (to save on battery life)	Thru toggle button on front panel	
24	Certification	815	
25	Designed and Manufactured in India	Yes	
26	Warranty	Zyeasrs	

ä

	Generic 4 Year On Site
Description of Stores	Multifunction Machine Printer with Minimum 1 Year On Site Warranty, including Cartridge and Power Cord/Adapter
Core Function	Print, Scan and Copy
Print Technology	Laser
Cartridge Technology	Composite Cartridge
Type of Printing	Monochrome (Black)
RAM Size (MB)	256
Storage Capacity (in GB)	0
Features	Fax
Operating System Compatibility	Windows 10 and Above, Linux, Mac OS, Windows Server
	Printing
Print Paper Size	A4 and Legal
Minimum Print Speed per Minute as per ISO/IEC 24734 in A4 Size-Monochrome (Black) (in PPM)	26 to 30
Minimum Print Speed per Minute as per ISO/IEC 24734 in A4 Size-Colour (in PPM)	Not Applicable
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size- Mono (in PPM)	Not Applicable
Minimum Speed per Minute as per ISO/IEC 24734 in A3 Size- Color (in PPM)	Not Applicable
Auto Duplexing Printing/Coping (2-sided Feature)	Yes
	Scanning
Maximum Scan Area (Platen/Flatbed Size)	A4 and Legal
A4 Scan Speed -Colour (Image Per Minute) @ 300 x 300 dpi	11 to 20
Scan To Functions	Email
A4 Scan Speed - Mono (Image Per Minute) @ 300 x 300 dpi	11 to 20
	COPYING
Reduction and Enlargement Feature	Yes

	PAPER HANDLING
Original Document Feeder Type (For Scanning and Copying)	Automatic Document Feeders (ADF)
Feeder Capacity (Number of Sheets) (For Scanning and Copying)	31 to 40
Number of Main Paper Tray	1
Total Paper Tray Combined Capacity (Number) at 75 GSM	101 to 200
Bypass Tray Facility	No
If Yes, Bypass Tray Capacity	0
Connectivity	
Connectivity	USB Port,Ethernet Port,Wi-Fi
Accessories Provided	USB Cable
	Performance
Minimum Yield of the Cartridge/Ink/Toner supplied with Machine as per IS/ISO/IEC: 19752/2017 for Black (Number of Prints)	700
	0
Minimum Yield of the Cartridge/Ink/Toner Supplied with Machine as per IS/ISO/IEC: 19798:2017 for Cyan, Yellow and Magenta Color (Number of Prints)	
Minimum Duty Cycle (Number of Prints/Month)	10,001 to 20,000
	POWER
Power Supply	Single Phase AC 220 - 240 V, 50 - 60 Hz
Maximum Power Consumption (in Watt)	1300
Environmental	
Minimum Operating Temperature (Degree C)	10
Maximum Operating Temperature (Degree C)	30

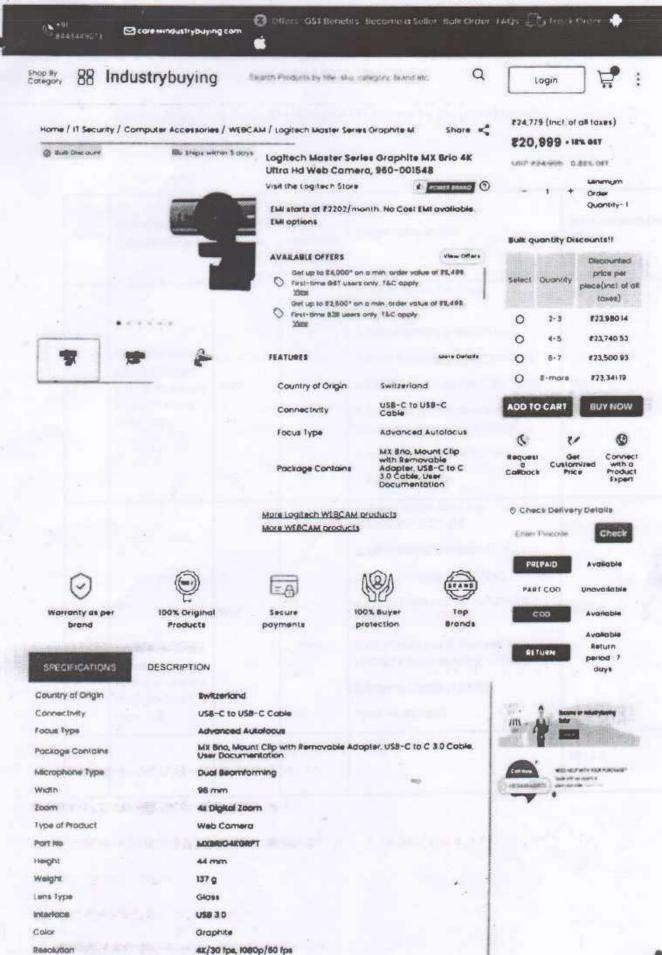
Minimum Operating Humidity (%RH)	20
Maximum Operating Humidity (%RH)	80
	Dimension
Standard Machine Weight with Single Tray (in Kg)	11
	Certification
BIS CRS Compliance	Yes as per IS 13252 (Part 1)
Maximum Number of Prints covered under Product warranty (Whichever is earlier)	30000
EPR Registration in respect of the manufacturer/authorised importer as per E waste rules as amended up to date	Yes
Agreed to Provide a copy of EPR Registration Certificate to the Buyer on Demand	Yes

	Screen Size	55 350Nits or better
	Brightness (cd/m²)	
	Contrast Ratio	1200:1
	Dynamic Contrast Ratio	400,000:1
Seneral Features	Response Time (ms)	8.0
	Display resolution (H x V, pixels)	3840 x 2160
	HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG)
	Aspect Ratio	16:9
	Portrait/Tilt Compatibility	Yes
	Dimming type	Frame Dimming
	Display Device	LCD
	Panel Type	IP5
	Backlight type	Direct LED
Display features	Color gamut (NTSC)	69%
	Operation time	16/7
	Haze (%)	1 %
	Viewing Angle (Right/Left)	178 (89/89) degree
	Viewing Angle (Up/Down)	178 (89/89) degree
	HDMI Signal	4096 x 2160p (24, 50, 60 H 3840 x 2160p (24, 25, 30, 5 60 Hz), 1080p (30, 50, 60 H 1080/24p, 1080i (50, 60 H 720p (30, 50, 60 Hz), 720/24p, 576p, 576i 480p,480i
Audio Specs	Speaker Position	Down Firing
Addid Specs	Audio Power Output	10W + 10W
	Pro settings	Yes (Simple Pro settings me
Professional	HDMI auto wake-up	Yes
features	Operating System	Android TV
	On-board Storage (GB)	16GB
	RAM	3GB
	Wi-Fi Certified	Yes
Network Specs	Wireless LAN	Integrated
	USB playback codecs	MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 WEBM:AV1/AC4/ogg/AA0
Convenience	On Screen Clock	Yes
features	Sleep Timer	Yes
	On/Off Timer	Yes
	Chromecast built-in	Yes
	Apple AirPlay	Yes
	IP Control	Yes
Control Specs	RS-232C Control	Yes
Control Specs	HDMI-CEC	Yes
	HDCP	HDCP2.3 (for HDMI1/2/3)
	TIDE	The state of the s

	HDMI inputs total	3 (3Side)
Inputs and outputs	Analog Audio Input (s) (Total)	1 (Side Analog Conversion)
	Digital Audio Output (s)	1 (Side)
	USB ports	2 (Side)
450	Ethernet inputs	1 (Side)
Design features	VESA® Hole Pitch (W x H)	300 x 300 mm
JAS BEDIE	Rated Power Consumption	226W
Environment Specs	Power Consumption (in Standby)	0.5 W
Environment specs	Dynamic Backlight Control	Yes
	Power Saving Mode / Back Light Off Mode	Yes
	Dimension of TV without Stand (W x H x D)	1462 x 842 x 71 mm
Measurements	Dimension of TV with Stand (W x H x D)	1462 × 912 × 338 mm
	Dimension of Package Carton (W x H x D)	1588 x 965 x 184 mm
	Weight of TV without Stand	20.4 kg
Weight	Weight of TV with Stand	21.3 kg
	Weight of Package Carton (Gross)	28 kg

image Sensor

Model No



8.5 MP Sony STARVIS 980-001548