


ADIVASI COLLEGE
BALLIGUDA, DIST-KANDHAMAL, ODISHA-762103
TENDER CALL NOTICE

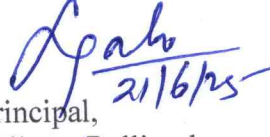
Sealed Tender are invited from the intending and eligible authorized dealer having updated GST, PAN to supply the Desktop and Electronic appliances for the college. The details of the Items with specification are available in the college website i.e. <https://acb.edu.in/tender-call/>. The intending firms/ authorized dealer must have to submit their tender quote price along with EMD of Rs. 5000/- (Five Thousand Only) in favour of the Principal, Adivasi College, Balliguda in the shape of Bank Draft payable at SBI, Balliguda by Speed Post/ Registered Post. The undersigned reserves the right to accept or reject the tender without assigning any reason thereof.

Sl.No.	Description of Item	Quantity
1.	I3 and above Desktop	12
2.	UPS	12
3.	MFM Printer	2
4.	LED TV (65 Inch)	1
5.	Wireless mice & Camera for virtual meeting	1


Principal,
Adivasi College, Balliguda

Memo No 439 /ACB // Date:- 21/06/2023

Copy to The Editor, Sambad with a request to publish this advertisement in the all Odisha Edition.


Principal,
Adivasi College, Balliguda
Adivasi College Balliguda

DESKTOP

Items	Specification
Cabinet Form Factor	Tower/ Micro Tower (15.1 to 26 liters)
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 (2DIMM Slots)
RAM Expandability upto (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 upto 6GB	Yes
Type of Drives used to populate the Internal Bays	NVMe SSD
Total HDD Capacity (GB)	NA
Total SSD Capacity (GB)	512 GB NVMe SSD
Optical Drive	Optional
Drive Bays	Two 3.5" (2.5") HDD
Slots for Upgradation	1 PCI Express 4.0 x 16 PCI Express 3.0 x1
LAN	LAN: Integrated 10/100/1000M
Ports and Connectors	Front: 1 headphone/microphone combo; 3 Super Speed USB 5Gbps signalling rate; 2 Super Speed 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; DP;2 USB 2.0
Firmware trusted Platform Module	TPM 2.0
Hardware Security lock slot	Security lock slot
Power Supply	180-260 Watt Internal power supply with minimum 90% efficiency
Certification	Bidder should submit OEM bid specification 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
	Microsoft Windows, Energy star 8.0 certified
	Bidder should submit BIS, BEE, EPEAT, UL, RoHS Certificate of 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 Years Onsite Warranty

UPS

Sl.No.	Feature	General Specifications
1	UPS Capacity (total)	600VA/360W
2	Input Voltage	230 VAC nominal
3	Input Frequency	45-65Hz
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	BIS
25	Designed and Manufactured in India	Yes
26	Warranty	2years

Generic	
Description of Sotres	Multifunction Machine Printer with Minimum 1 Year On Site Warranty, Including Cartridge and Power Coard/ Adaptor
Core Function	Print, Scan and Copy
Print Technology	Laser
Cartridge Technology	Composite Cateridge
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 Printer 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 Dupliexing 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) @ 300x300 dpi	11 to 20
Copying	
Reduction and Enlargement	Yes
PAPER HANDLING	
Original Document Feeder Type (For Scanning and Copying)	Automatics Document Feders (ADF)
Feeder Capacity (Number of Sheets) (For Scanning and Copying)	31 to 40
Number of Main Paper Tray	1
Total Paper Tray Facility	101-200
if Yes, Bypass Tray Capacity	No
Connectivity	
Connectivity	USB Port. Ethernet Port, Wi-Fi
Accessories Provided	USB Cable
Performance	
Minimum Yield of the Cartidge/Ink/Toner supplied with Machine as per IS/ISO/IEC: 19752/2017 for Black (Number of Printers)	700
Minimum Yield of the Cartidge/Ink/Toner supplied with Machine as per IS/ISO/IEC: 19798:2017 for Cyan, Yellow and Magenta Color (Number of Printers)	0

Minimum Duty Cycle (Number of Prints/Month)	10,001 to 20,000
POWER	
Power Supply	Single Phase AC220-240V, 50-60Hz
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

LED TV

General Features	Screen Size	65
	Brightness (cd/m2)	350Nits of better
	Contrast Ratio	1200:01:00
	Dynamic contrast Ratio	400,000:1
	Response Time (ms)	8
	Display resolution (H x V, pixels)	3840x2160
	HDR (High Dynamic Range) compatibility	Yes (HDR10, HLG)
	Aspect Ratio	16:09
	Portrait/ Tilt Compatibility	Yes
Display features	Dimming Type	Frame Dimming
	Display Device	LCD
	Panel Type	IPS
	Backlight Type	Direct LED
	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 Hz), 3840 x 2160p (24, 25, 30, 50, 60 Hz), 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50,60 Hz), 720p (30,50,60 Hz), 720/24p, 576p, 576i, 480p, 480i
Audio Specs	Speaker Position	Down Firing
	Audio Power Output	10W + 10W
Professional features	Pro setting	Yes (Simple Pro setting menu)
	HDMI auto wake-up	Yes
	Operating System	Android TV
	On-board Storage (GB)	16GB
	RAM	3GB
Network Specs	Wi-Fi Certified	Yes
	Wireless LAN	Integrated
Convenience features		MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 EWBM:AV1/AC4/ogg/AAC
	USB playback codecs	
	On Screen Clock	Yes
	Sleep Timer	Yes
	On/Off Timer	Yes
	Chromecast built-in	Yes
	Apple AirPlay	Yes
Control Specs	IP Control	Yes
	RS-232C Control	Yes
	HDMI - CEC	Yes
Inputs and Outputs	HDCP	HDCP2.3 (HDMI1/2/3)
	Composite Video Input(s)	1 (Side, Mini jack)
	HDMI inputs total	3 (3side)
	Analog Audio Input(s) (Total)	1 (Side Analog Conversions)
	Digital Audio Output(s)	1 (Side)
	USB ports	2 (Side)
	Ethernet inputs	1 (Side)

Design feature	VESA® Hole Pitch (W x H)	300 x 300mm
Environment Specs	Rated Power Consumption	226W
	Power Consumption (in Standby)	0.5 W
	Dynamic Backlight Control	Yes
	Power Saving Mode/ Back Light Off Mode	Yes
Measurements	Dimension of TV without Stand (W x H x D)	1462 x 842 x 71 mm
	Dimension of TV with Stand (W x H x D)	1462 x 912 x 338 mm
	Dimension of Package Carton (W x H x D)	1588 x 965 x 184 mm
Weight	Weight of TV without Stand	20.4 kg
	Weight of TV with Stand	21.3 kg
	Weight of Package Carton (Gross)	28 kg

Wireless mice & Camera for Virtual meeting

Specification

Country of Origin	Switzerland
Connectivity	USB-C to USB-C Cable
Focus Type	Advanced Autofocus
Package Contains	MX Brio, Mount Clip with Removable Adapter, USB-C to C 3.0 Cable, User Documentation
Microphone Type	Dual Beamforming
Width	98 mm
Zoom	4x Digital Zoom
Type of Product	Web Camera
Part No	MXBRIO4KGRPT
Height	44 mm
Weight	137 g
Lens Type	Glass
Interface	USB 3.0
Color	Graphite
Resolution	4K/30 fps, 1080p/60 fps
Image Sensor	8.5 MP Sony STARVIS
Model No	960-001548
Suitable For	Laptops, LCD Displays, or Monitors
Name of Manufacturer/Packer/Importer	Logitech International
View	90°/78°/65°
Mic Range	Up to 1.2 m
Depth	36 mm
Series	Master Series