

**TENDER DOCUMENT
FOR
PROCUREMENT OF
COMPUTER HARDWARE, PERIPHERALS
AND
OTHER IT EQUIPMENTS**



RMD Degree College of Sci. & Edn., Patia, BBSR-31
NAAC Accredited with B+ Grade

Dr Prasant Kumar Rout
Principal

TERM & CONDITIONS

1. RMD Degree College, Patia, BBSR-31 invites sealed bids from Agencies for Procurement of Computers and Accessories located at Patia, Bhubaneswar. The office must be strictly as per required specification and tenders terms & conditions for specified items in Annexure – 1.
2. Bids are invited off-line through Registered post and by hand and bidding document can be downloaded from <https://www.rmddc.ac.in> on or before 11th April 2025 and submit same as per specified format by Before 11th April 2025 at 4:00 pm.
3. The intending firm should submit Rs.1000.00 tender fee (non-refundable), EMD Rs.24,000 (refundable) towards processing fees in shape of demand Draft in favour of “Raja M D Degree College of Science and Education, Patia” payable at Bhubaneswar along with tender documents, no exemption is allowed.
4. The Bidders should have office within Odisha State.
5. The Bidders must be obtained valid ISO 9001 / ISO 20000 Certificate.
6. The Bidders must be registered no of PAN/TAN and will submit IT Return copy of FY 2023-24.
7. The Bidder must have minimum annual turnover is greater than 20 Lakh in last financial two year (FY 22-23 & FY 2023-24) as certified by Chartered Accountant.
8. The Bidders must be registered under GST.
9. The bidder must have Bid specific Authorization Required from The OEM (Quoted Brand). Technical Compliance sheet on OEM Letter Head sign by Local Manager.
10. The bidders must be submitted minimum Three Years Experience.
11. The Bidder shall quote the item wise composite price for each item as per the price scheduled.
12. The intending bidder should submit as affidavit that his/her firm has not been black listed by any Govt Organization.
13. Tenders/Bidders are requested to regularly visit the website. Any modification in tender enquiry will be intimated by corrigendum through web site only and no separate Notification will be issued.
14. The quotations will be opened on 11th April 2025 at 4.00 pm at present of all bidder & committee members.
15. The Document two bid systems (Technical bid & financial bid in Separate cover). The prices quoted by the bidder shall remain fixed.

16. The intending bidder is not bound to accept the lowest quoted rate if the bidder not fulfill all requisites as considered necessary.
17. The payment will be released After successfully supply & installation.
18. Any legal dispute arising out of this is subject to Bhubaneswar jurisdiction only.
19. Authority reserves the right to accept or reject and bids or reject all tenders either in part or in full or to split the order bidding process without assigning and reason.

BID APPLICATION FORM

01. Name of the Bidder:
02. Address of the Bidder:
03. Cost of tender paper: (Tender Fee & EMD)

DD No	DD Date	Amount	Issuing Bank

Enclose:

The bidder should enclose the following records, duly self-Certified, in support of their bonafide: -

1. ISO Certificates Copy.
2. Income Tax Registration Certificate / PAN Copy.
3. GST Registration Certificate.
4. Minimum Two years' Experience (not less than 03(Three)) from Govt/Semi-Govt./Public Sector Organizations/Public Sector Banks regarding their similar contract between 2022-23 to 2023-24.
5. Quoted composite Price as per Annexure.
6. The firm should submit a Affidavit copy to the effect that it has not been black listed by any Agency whatsoever till date.
7. Bid specific Authorization Required from The OEM (Quoted Brand).

Date :

Place:

Seal & Signature of the Bidder

ANNEXURE – I
(Price Bid)

RMD Degree College, Patia

**ITEM WISE- QUOTATION FOR PROCUREMENT OF COMPUTER & ACCESSORIES AT
Raja MD Degree College of Sci., & Edn.,**

Sl. No.	Item Name	Make	Quantity	Unit Rate (Rs.)	Total	Taxes (%)	G. Total
1	Desktop		12				
2	UPS		12				
3	Printer		02				
4	LED TV- 65”		01				
5	Wireless Mic & Camera		01 each				
6	Internet Facility		00				
	TOTAL						

Total bid price (excluding taxes) in Rs. _____, in word Rupees

_____ only excluding taxes.

Note:

- a) In case of discrepancy between unit price and total price unit price shall prevail.
- b) We have quoted the above price after physical verification of the above assets in the Office premises & repair of any defective items is included in the above quoted price.

Date:

Seal & Signature of the quotationers

Place:

Name & Address of the firm

Desktop Specification

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	1 PCI Express 4.0 x16, 1 PCI Express 3.0 x1, 1 PCI (Full Height), 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 5Gbps 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
Certification	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
	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 Year Onsite Warranty

600 VA Line Interactive UPS Specifications

Sl. No.	Feature	General Specifications
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	BIS
25	Designed and Manufactured in India	Yes
26	Warranty	2years
	ty	yea

Generic	
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
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)	0
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

General Features	Screen Size	65
	Brightness (cd/m ²)	350Nits or better
	Contrast Ratio	1200:1
	Dynamic Contrast Ratio	400,000:1
	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
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 settings	Yes (Simple Pro settings menu)
	HDMI auto wake-up	Yes
	Operating System	Android TV
	On-board Storage (GB)	16GB
Network Specs	RAM	3GB
	Wi-Fi Certified	Yes
	Wireless LAN	Integrated
Convenience features	USB playback codecs	MPEG1:MPEG1/MPEG2 PS:MPEG2/MPEG2 WEBM:AV1/AC4/ogg/AAC
	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
	HDCP	HDCP2.3 (for HDMI1/2/3)
	Composite Video Input (s)	1 (Side, Mini jack)

Inputs and outputs	HDMI inputs total	3 (3Side)
	Analog Audio Input (s) (Total)	1 (Side Analog Conversion)
	Digital Audio Output (s)	1 (Side)
	USB ports	2 (Side)
	Ethernet inputs	1 (Side)
Design features	VESA® Hole Pitch (W x H)	300 x 300 mm
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