CHITALO DEGREE MOHAVIDYALAYA

BIRAJA KSHETRA, AT/P.O. - CHITALO
DIST - JAJPUR (ODISHA), PIN - 755062
NAAC Accredited with 'B++' Grade

E-mail : cdmvprincipal@gmail.com, Website : cdmv.edu.in

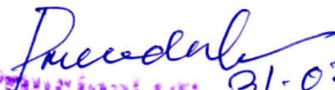Ref. No. 449

Date 31-07-2025

TENDER CALL NOTICE

Sealed Tenders are invited from reputed firms/suppliers/authorized dealers having valid GST registration and PAN/TIN for supply of Desktop Computer with antivirus, UPS, Multifunction Printer, LED TV, Webcam and Internet facility for upgrading of IT Infrastructure of Chitalo Degree Mohavidyalaya, Chitalo., Jajpur as per Ref No-202469785168, Dt - 05.03.2025, Dept. of Higher Education, Govt. of Odisha. The Bidders need to submit the tender papers along with the other required documents in a sealed packet at the college by **5.00 PM** of **07.08.2025** by Regd. Post/Speed Post or person. Tender papers received beyond the time and date mentioned above shall not be taken into consideration. The tender papers will be opened on **08.08.2025** at **3.00 PM.** in the Principal's office of the college.

Sealed covers containing the tender/bid in the prescribed form should be submitted in the two sealed envelopes i.e., **Cover-A (Technical Bid)** & **Cover-B (Financial Bid)**. Both the covers should be put into a third envelope, which should be super scribed as:

"Tender for upgrading of IT Infrastructure of Chitalo Degree Mohavidyalaya, Chitalo , Jajpur."
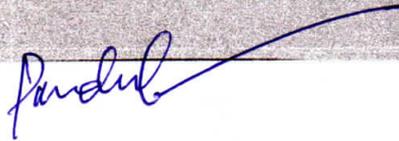
Only technically qualified firm's financial proposals will be opened.

For details, please visit the district website: **jajpur.odisha.gov.in**

Principal
Chitalo Degree Mohavidyalaya

Terms & Condition

- Bidder should submit Copy of Bid Specific OEM Authorization Certificate (MAF)/Certificate with OEM details such as name, designation, address.

- Bidder should have office in Odisha for better sales & services.

- Odisha GST mandatory for better sales & services.
- Bidder must submit last 3 year IT return.

- Bidder must have ISO 9001 certification for Quality management standards and CE Certification.

- Bidder must submit ISO 45001:2018 For occupational Health & Safety Management Standard.

- Bidder must submit certification relating Energy and Environment Design as per given guideline of Indian Green Building Council (IGBC).

- Bidder must have MSME UDYAM Regd. Certificate.

- Bidders should submit the affidavit regarding none blacklisted from any Central/State/ PSU Organization in Non-Judicial one hundred stamp paper executed before Notary.

- All products should be of reputed brands.

- Bidder should supply and install the item in the concerned College.

- OEM must provide declaration about onsite warranty as per the tender terms.

- Bidder has to provide warranty period declaration on the letter head of OEM signed by Local Business Manager.

- All the required documents must be submitted as per Bid requirement, failing to which the bidder will be Rejected.
- EXPERIENCE: The bidder should submit the copy of the work order / completion certificate of contracts from any Govt. Department during last 03 financial years.

Terms and Condition for Anti-Virus Total Security

1. Malware Protection-Real World Protection % should be more than 98.5% in all test conducted by AV comparatives in 2021-2022.

2- MII-Completely made in India including AV Engine and Web server.

3- The solution should be powered by MAT-Multi Layered Artificial Intelligence Technology

4- The solution should have Certification by ISO 9001-2015 and 27001-2013

5-The solution should have AV test certification in all previous 4 years.

6-The solution should have AV comparative Certification in all previous 4 years.

7-The solution should rank in Top 5 in Impact score on AV Comparatives.

ANNEXURE – B

Quantities and Specifications of IT items to be purchased

Sl.No	Non-Govt. Aided Colleges	Nos of College	Amount to be released (in lakhs)	Detail calculation	Total Amount (in lakhs)
1	No of No Govt. Aided Colleges having student's strength more than 750	199	8	1. I3 and above Desktop @50000*12=6 Lakh 2. UPS@3000*12=36000 lakh 3. MFM Printer@30000 *2=60000 4.1 LED Tv (65 inch) @0.70= 70000 5. Wireless mice &Camera for Virtual meeting = 25000 6. Internet Facility:-20,000/- **Total=8.11 Lakh**	1592
2	No of Non-Govt. Aided Colleges having student's strength less than 750	449	4.5	1. I3 and above Desktop @50000*6=3.0 Lakh 2. UPS@3000*6=18000 l 3. MFM Printer@30000*2=0.60 Lakh 4.1 LED Tv(65 inch)@70000=.70 Lakh 5.Wire less Mice & Camera with MIC for Virtual meeting = 25000 6. Internet facility=20000 **Total =4.93 Lakh**	2020.5
		648			3612.5

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	
SI. 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	2yeasrs

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/m²)	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) compatiblity	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
	RAM	3GB
Network Specs	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

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