

From:

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Office of the Principal-cum-Secretary
RATNAKAR SANSKRIT MAHAVIDYALAYA
At/P.o.: Saudia, Via: Charinangal, Dist: Jajpur, PIN: 754292 (ODISHA)

Ref. No.:

Letter No.:

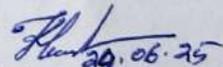
Date: 20/06.25

Tender call Notice

Sealed Tenders are invited from reputed Firms/Suppliers/authorised dealers having valid GST registration and PAN/PIN for supply of Desktop computer with antivirus, ups, multifunction Printer, led TV, webcam and Internet facility for upgrading of IT infrastructure of Ratnakar Sanskrit Degree Mahavidyalaya, Saudia Jajpur as per Ref.No. 202469785168 dated 5/3/25 Dept. of Higher Education Govt. of odisha. The Bidders need to submit the tender papers along with the other required documents in sealed packet in the college till 5 P.M. ~~24/06/25~~ ^{21/06/25} by regd Post /Speed post.
by hand The Tender papers received beyond the time and date mentioned above shall not be taken into consideration. The Tender paper will be open on ~~23/06/25~~ ^{23/06/25} at 10 A.M. in the presence of the tender committee constituted for this purpose at Principal office of college.

Sealed covers containing the tender/bid in the prescribed form should be submitted in the two sealed envelop i.e. "cover A (Technical Bid) and cover B (Financial Bid) both the cover should be put into a third envelop which should be superscribed as Tender for upgrading of IT infrastructure of Ratnakar Sanskrit Degree Mahavidyalaya, Jajpur. Only Technically qualified firms financial proposal will open. For details please visit district website Jajpur. odisha. gov.in

Yours


Principal in-Charge-cum-Secretary
R.S. Mahavidyalaya
SAUDIA, JAJPUR

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.

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 mica & 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 DIMM 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
Keyboard Mouse	USB Keyboard; USB Optical Mouse
Monitor	19.5" LED Display with CTO Certified and same must belong to the same OEM
Years of Warranty	3 Year Onsite Warranty

800 VA Line Interactive UPS Specifications		General Specifications
1	UPS Capacity (total)	
2	Input Voltage	600VA/360W
3	Input Frequency	230 VAC nominal
4	Brownout Transfer	45 - 65 Hz
5	Over voltage Transfer	145 VAC typical
6	Voltage on Battery	290 VAC typical
7	frequency - On Battery	230 VAC typical (stepped approximated sine wave)
8	Transfer Time	50Hz typical
9	Air Ventilation	@50 Hz 6 ms typical, 10 ms max
10	Protection from Humidity & Dust	Should have Side and Back Honey Bee Perforation for heat dispersion
11	Battery Saver Option	UPS Should have conformal paint coating on PCB for insulation for Dust and Humidity
12	No Load Shutdown	UPS Should have Battery Saver Option to increase the life of the Battery upto 5 years
13	AC Surge Protection	UPS Should work on loads of 2-3 watts also
14	Automatic Re start of UPS	Full time, 160 joules
15	Type (maintenance free)	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
16	Typical recharge time	12V, 7.2 Ah
17	Operating Temperature	4-6 hours
18	Storage Temperature	0°C to 40°C
19	3 power outlets	-15°C to 45°C
20	Power Cord	With battery backup and surge protection
21	Runtime for Single PC load (60W ± 15W)	1.2 meters
22	Runtime for Workstation PC (100W ± 15W)	27 min (normal mode)
23	Battery Saver (to save on battery life)	13 min (normal mode)
24	Certification	Thru toggle button on front panel
25	Designed and Manufactured in India	BIS
26	Warranty	Yes
		2 years

Description of Stores		Generic
Core Function	Multifunction Machine Printer with Minimum 1 Year On Site Warranty, including Cartridge and Power Cord/Adapter	
Print Technology	Print, Scan and Copy	
Cartridge Technology	Laser	
Type of Printing	Composite Cartridge	
RAM Size (MB)	Monochrome (Black)	
Storage Capacity (in GB)	256	
Features	0	
Operating System Compatibility	Fax Windows 10 and Above, Linux, Mac OS, Windows Server	
Print Paper Size		Printing
Minimum Print Speed per Minute as per ISO/IEC 24734 in A4 Size-Monochrome (Black) (in PPM)	A4 and Legal 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	

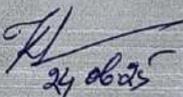
PAPER HANDLING

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)
Display features	Aspect Ratio	16:9
	Portrait/Tilt Compatibility	Yes
	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)
Design features	USB ports	2 (Side)
	Ethernet inputs	1 (Side)
	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
Measurements	Power Saving Mode / Back Light Off Mode	Yes
	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
Weight	Dimension of Package Carton (W x H x D)	1588 x 965 x 184 mm
	Weight of TV without Stand	20.4 kg
	Weight of TV with Stand	21.3 kg
	Weight of Package Carton (Gross)	28 kg


 24/06/25
 President of the Commission Secretary
 R.S. Rajarajasekaran
 B.A.O.