## U.G.S MAHAVIDYALAYA, SAKHIGOPAL
### SHORT QUOTATION CALL NOTICE
#### No-:<u>445/25</u> Dt.<u>18.06.2025</u>

Sealed quotations are invited from the authorised dealers/suppliers having valid GST for supply of IT equipments as per Sl-2 of Annexure-B of the letter No-12655 Dated.05.03.2025 of the Department of Higher Education, Govt. of Odisha. The sealed quotations should reach to the undersigned by 25th June, 2025.For further details you can visit our website <u>www.ugscollege.org.</u>

*Sd/-*

Principal
U.G.S Mahavidyalaya, Sakhigopal

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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<br><br>2. UPS@3000*12=36000 lakh<br><br>3. MFM Printer@30000 *2=60000<br><br>4. 1 LED Tv (65 inch) @0.70= 70000<br><br>5. Wireless mice &Camera for Virtual meeting = 25000<br><br>6. Internet Facility:-20,000/-<br><br>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<br><br>2. UPS@3000*6=18000 t<br><br>3. MFM Printer@30000*2=0.60 Lakh<br><br>4. 1 LED Tv(65 inch)@70000=.70 Lakh<br><br>5. Wire less Mice & Camera with MIC for Virtual meeting = 25000<br><br>6. Internet facility=20000<br><br>Total =4.93 Lakh | 2020.5 |
| | | 648 | | | 3612.5 |

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## Desktop Specification

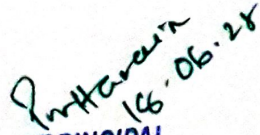| Items | Specification |
|---|---|
| Cabinet Form Factor | Tower/Micro Tower (15.1 to 26 Litres) |
| Chipset Number | Intel H670/Intel® H770 or higher Chipset |
| Processor Make | Intel |
| Processor | x86 64-bit architecture |
| Processor Generation | 13 Or higher |
| Processor Description | Intel 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 |

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| Sl. No. | Feature | General Specifications |
|---|---|---|
| | **600 VA Line Interactive UPS 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 |

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| 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 |

18.06.25

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| Category | Feature | Value |
|---|---|---|
| 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) |

| | |
|---|---|
| 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 |

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| | | |
|---|---|---|
| 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 |

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