

OFFICE OF THE PRINCIPAL  
KSHETRABASI D.A.V. COLLEGE,  
NIRAKARPUR-752019



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Notice No 117

Date. 8/4/25

Sealed quotation are invited from different firms to supply the following items i.e. Desktop Computers, Uninterruptible Power Supply (UPS), MFM Printer, LED TV (65 Inch ) wireless mice and Camera for virtual meeting to the Principal, K.B.D.A.V. College, Nirakarpur, Khordha. The quotation should reach the office of the Principal on or before 15.04.25.

| Sl No | Name of Item                                 | Quantity |
|-------|--|----------|
| 01    | Desktop                                      | 12       |
| 02    | UPS  | 12       |
| 03    | MFM Printer                                  | 02       |
| 04    | LED TV (65 inch)                             | 01       |
| 05    | Wireless mice and camera for virtual meeting |          |

NB- Specification is Attached.

*Brunsha*  
Principal  
08/04/25

Copy:- R.I. Office/Panchayat Office/Railway Station/ANB/H.C for information

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

*Done*  
26/03/25  
PRINCIPAL  
K.B.D.A.V. COLLEGE  
NIRAKARPUR, KHORDHA

## 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,<br>1 PCI Express 3.0 x1,<br>1 PCI (Full Height),<br>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<br>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  |

| 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<br>(For Scanning and Copying)  | Automatic Document Feeders (ADF)        |
| Feeder Capacity (Number of Sheets)<br>(For Scanning and Copying)   | 31 to 40                                |
| Number of Main Paper Tray  | 1                                       |
| Total Paper Tray Combined Capacity<br>(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 <sup>2</sup> )        | 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),<br>3840 x 2160p (24, 25, 30, 50,<br>60 Hz), 1080p (30, 50, 60 Hz),<br>1080/24p, 1080i (50, 60 Hz),<br>720p (30, 50, 60 Hz),<br>720/24p, 576p, 576i<br>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<br>PS:MPEG2/MPEG2<br>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)                   |
| Design features    | 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        |
|                    | 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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| <input type="radio"/> | 6-7      | ₹23,500.93                                      |
| <input type="radio"/> | 8-more   | ₹23,341.19                                      |

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Enter Pincode  **Check**

|                 |                                    |
|-----------------|------------------------------------|
| <b>PREPAID</b>  | Available                          |
| <b>PART COO</b> | Unavailable                        |
| <b>COO</b>      | Available                          |
| <b>RETURN</b>   | Available<br>Return period: 7 days |



**Logitech Master Series Graphite MX Brio 4K Ultra Hd Web Camera, 960-001548**

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**FEATURES**

|                   |  |
|-------------------|--|
| Country of Origin | Switzerland  |
| Connectivity      | USB-C to USB-C Cable   |
| Focus Type        | Advanced Autofocus   |
| Package Contents  | MX Brio, Mount Clip with Removable Adapter, USB-C to C 3.0 Cable, User Documentation |

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**SPECIFICATIONS**

**DESCRIPTION**

|                   |  |
|-------------------|--|
| Country of Origin | Switzerland  |
| Connectivity      | USB-C to USB-C Cable   |
| Focus Type        | Advanced Autofocus   |
| Package Contents  | 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           | 960001548  |
| 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   |

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