

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><b>Total=8.11 Lakh</b>         | 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><b>Total =4.93 Lakh</b> | 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,<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) (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 <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)                   |
|                    | 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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## FEATURES

More Details

|                   |                                                                                      |
|-------------------|--------------------------------------------------------------------------------------|
| Country of Origin | Switzerland                                                                          |
| Connectivity      | USB-C to USB-C Cable                                                                 |
| Focus Type        | Advanced Autofocus                                                                   |
| Package Contains  | 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 Contains  | 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           | MXBRIO4KORPT                                                                         |
| 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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- 1 +

Minimum  
Order  
Quantity: 1

## Bulk quantity Discounts!!

| Select                | Quantity | Discounted price per piece (incl. of all taxes) |
|-----------------------|----------|-------------------------------------------------|
| <input type="radio"/> | 2-3      | ₹23,980.14                                      |
| <input type="radio"/> | 4-5      | ₹23,740.53                                      |
| <input type="radio"/> | 6-7      | ₹23,500.93                                      |
| <input type="radio"/> | 8-more   | ₹23,341.19                                      |

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