## OFFICE OF THE PRINCIPAL,S.S.B.COLLEGE,MAHAKALPARA,
## DIST-KENDRAPARA

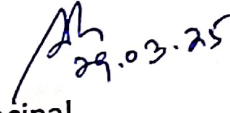## QUOTATION CALL NOTICE

No __564__                                   Date- 29-03-25

Sealed quotations are invited from GST registered Firms/ Dealers/ Distributers/ Manufacturers/ Suppliers for supply of IT items( i3 and above desktop ,UPS,MFM printer, LED TV - 65",Wire less Mice and Camera for virtual meeting ) and those must reach the undersigned by 07.04.2025 by 5 pm through Post/drop box only.

For detail specification visit our College website – ssbcmkp.in

The authority reserves the right to cancel all or part thereof without assigning any reason.

29.03.25

Principal,
S.S.B. College, Mahakalpara.
Principal
Sri Sri Bayababa College
Mahakalpara

# 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 Bidder should submit OEM bid specific authorization & the same authorization may be verified by the respective OEM if required. |
| Certification | 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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| SI. No. | Feature | 600 VA Line Interactive UPS Specifications |
|---------|---------|---------------------------------------------|
| | | 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 |

| Description of Stores | Generic |
|---|---|
| | 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

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|---|---|
| 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

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|---|---|
| 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 |

| Category | Specification | 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 |
| Display features | 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 |
| | 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 |
| | IP Control | Yes |
| Control Specs | 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 |