



Mahatma Basweshwar Education Society's

M.S. Bidve Engineering College, Latur

TENDER FOR PURCHASING SMART BOARD WITH FOLLOWING SPECIFICATIONS:

| S. no | Parameter | Value | Compliance |
|-------|-----------------------------------|---|------------|
| 1 | Size (Diagonal) | 75" | |
| 2 | Active Area | 1649.7 × 927.9 mm or better | |
| 3 | Panel Type | IPS | |
| 4 | Resolution | 3840x2160 | |
| 5 | Display response time | 8 ms or better | |
| 6 | Viewing angle | 178° | |
| 7 | Color Depth | 10 bits with 1.07 billion colours or higher | |
| 8 | Color gamut | 72% NTSC | |
| 9 | Panel Surface | AG with Haze 25% or better | |
| 10 | Lifetime (Typical) | 50000 Hours or higher | |
| 11 | Contrast ratio | 1200:1 and above | |
| 12 | Dynamic Contrast Ratio | 30000:1 or better | |
| 13 | Brightness (without glass) | 450 nits or higher | |
| 14 | Touch Technology | Precision IR | |
| 15 | Touch Accuracy | Equal to or less than +/- 1 mm | |
| 16 | Touch Response | < 5 ms or better | |
| 17 | No. of Touch Points | Upto 40 Touch Points | |
| 18 | Built-in OS | Android 13 | |
| 19 | Processor | Octa Core Processor or better | |
| 20 | RAM | 8 GB or Higher | |
| 21 | Internal Memory | 32 GB (Expandable additional upto 512GB) | |
| 22 | Hardness (Mohs) | Should be atleast 9H Tempered | |
| 23 | Total Port Including Front Ports) | HDMI 2.0- 3 IN and 1 OUT | |
| 24 | Wifi | Built-in/ Integrated | |
| 25 | Operating Temp | 0°C ~ 40°C | |
| 26 | Operation Hours | Atleast 18/7 | |
| 27 | Built in speaker | 20W x 2 | |
| 28 | Power Consumption (Typ.) | 73.9 W or less | |
| 29 | Stylus | 2 nos. | |
| 30 | Health Related Features | Germ Resistant Technology | |
| 31 | | Anti Glare Coating | |
| 32 | | Low Blue Light certified by an agency (TUV | |
| 33 | | Flicker Free certified by a reputed agency | |
| 34 | Management | Account Management Service - App Should be | |
| 35 | | Device Management Services- App Should be preinstalled by default in IFP for Centralized management tool to manage all the IFP in the network, Should have dashboard view and able to control and toggle display setting and operate remotely. Should be from the same OEM. Should be perpetual based without any year on year subscription | |
| 36 | | Broadcast App Should be preinstalled by | |
| 37 | Annotation Tool | Should be able to Annotate on screen with tools like Pen, Eraser, Partial Capture | |
| 38 | Document Read/ Write | Should be able to Open and edit documents | |
| 39 | Wireless Content Sharing | Ability to wirelessly share 9 simultaneous | |
| 40 | | Should have feature of Pen, Highlighter, Dual | |

| | | | | |
|----|--|---|--|--|
| 41 | | | Should have option to add more than 900 | |
| 42 | | | Text to Word conversion and option to copy | |
| 43 | | | Text to Speech | |
| 44 | | | Option to translate text to various indian | |
| 45 | | | Add tools like Scale, Protractor, Set square, | |
| 46 | | | Should be able to add 2D and 3D Shapes and | |
| 47 | | | Should be able to directly insert word, power point presentations, PDF, Webpage link, youtube link, image, videos, audio files, USB/ Document Camera | |
| 48 | | Built-in Whiteboard software in Android | Change Background colour | |
| 49 | | | Whiteboard Recording feature is available | |
| 50 | | | Cloud whiteboarding is possible if any person wants to join the lecture or video session from remote location through internet. Remote person can also annotate through cloud whiteboarding. | |
| 51 | | | Should be able to save the whiteboard by | |
| 52 | | | Whiteboard software should have selection | |
| 53 | | | Whiteboard software should be available in | |
| 54 | | Google Services & Security | Available | |
| 55 | | Google Drive Integration | Available | |
| 56 | | Google Play store | Available | |
| 57 | | Floating Tool | Ability to annotate on running video | |
| 58 | | Screen Recording | Screen Recording | |
| 59 | | Warranty | 3 years | |
| 60 | | IFP and OPS | Should be from the same OEM | |
| | | | Open Pluggable Standard (OPS) | |
| 61 | | Processor | Core i5 (3.0 Ghz or Higher) | |
| 62 | | Generation | 12th Generation or Higher | |
| 63 | | Memory | 8 GB DDR4 Expandable up to 32GB | |
| 64 | | Graphics | On Board Intel UHD Graphics | |
| 65 | | LAN | 10/100/1000 Gigabit LAN | |
| 66 | | Prime Storage | 512 SSD or Higher | |
| 67 | | USB | 5 USB Ports (4*USB 3.0 + 1 Type C-Port) or Higher | |
| 68 | | Memory Slots | 2 Slots | |
| 69 | | Audio | Audio IN + Audio OUT | |
| 70 | | Display Port | DP + HDMI OUT | |
| 71 | | Wi-fi | Dual Wi-Fi (2.4 Ghz and 5 Ghz) | |
| 72 | | Bluetooth | BT 5.0 | |
| 73 | | OS | Factory Pre-Loaded Windows 11 Pro | |
| 74 | | Software | Whiteboard software | |
| 75 | | Certification | BIS, RoHS, CE, ISO 9001, ISO 27001, ISO 14001 & ISO 45001 certified | |
| 76 | | Authorization | Bid Specific MAF required | |