

AUDIO AND VIDEO TENDER SPECS FY 2025-26

(1) Active LED 2.5 Pixel Pitch

| Sr. No. | Parameter | Specifications |
|---------|--|---|
| 1 | Video Wall Size | Size should be min Width 3840mm and min height 1920mm. Size must be achieved by combination of Video Wall Cabinets of size as mentioned below. |
| 2 | Video Wall Technology | Micro LED (Indoor) SMD or better |
| 3 | Module Size(WxHxD) | 320mm x 160mm x 15mm or better |
| 4 | Total Resolution | Min. 1536x768 pixels |
| 5 | Pixel Pitch (mm) | 2.5mm or better |
| 6 | Pixel Density | 160000 pixel/m2 or Higher |
| 7 | Processing | 13 Bit or Higher |
| 8 | Pixel per Tile | Minimum 128*64 px (HxV) |
| 9 | Horizontal Viewing Angle | Minimum ≥150 |
| 10 | Vertical viewing | Minimum ≥130 |
| 11 | Refresh Rate | Minimum 3840Hz or higher refresh rate for flicker free experience on video wall |
| 12 | Color Temperature | Between 3000~15000 (Adjustable) |
| 13 | Video Frame Rate | Minimum 30Hz or better |
| 14 | Average time without failures | ≥5000hrs |
| 15 | LED Lifetime, Typical(hrs) | 30000 or better |
| 16 | HDR Compatible | HDR10 / HDR10+ / HDR10 Pro |
| 17 | Operating Hours | 24x7x365 |
| 18 | Operating Temp Range | -20~+40 / Humidity 10%-60%RH |
| 19 | Brightness | on screen brightness minimum 450 cd/m2 or better |
| 20 | IP Protection | Min IP30 or better |
| 21 | Maintenance | Maintenance of tiles or LED's should be Easy and Damage free process |
| 22 | Certifications (Bidder to provide proof of certifications) | Video wall should have all safety and international certificates: Minimum BIS, CE, FCC and RoHS |
| 23 | 10% Spare LED Modules along with Cards to be supplied in Spares to be kept at Site | |
| 24 | Module Support | Each Cabinet will support 6 Modules |
| 25 | Cabinet Size(WxH) | 640x480mm or better |
| 26 | Cabinet Ttype | Cabinet should include Receiving card and Power supply for the each module |
| 27 | Features | Pixel level brightness and chroma calibration ,Quick adjustment of dark or bright lines,Individual gamma adjustment for RGB ,Image rotation in 90° increments, Mapping function, Setting of a pre-stored image in receiving card, |

Sending Card/ Video Wall Controller

| S. No. | Parameter | Required Parameters |
|--------|---------------------------|--|
| 1 | Features | LED display controller with supports 1x DVI input, 1x HDMI input, 1x audio input, and 4x Ethernet outputs, supports input resolutions up to 1920x1200@60Hz. It should supports 2.6 Million pixels. |
| 2 | Interfaces | 3 types of input connectors – 1x SL-DVI – 1x HDMI 1.3 – 1x AUDIO |
| | | 4x Gigabit Ethernet outputs |
| | | 1x light sensor connector |
| | | 1x type-B USB control port |
| | | 2x UART control ports They are used for device cascading. Up to 20 devices can be cascaded. |
| 3 | Electrical Specifications | Input voltage AC 100-240V~50/60Hz |

| (2) ELECTRONIC PODIUM with Signage Display | | |
|---|-------------------------|--|
| S. No. | Parameter | Specifications |
| 1 | Top&Body | Top and Body should be Metal. |
| 2 | Mechanism | The system should have a Top Sliding Mechanism. |
| 3 | Keyboard/Mouse Tray | It should have sliding Tray for Keyboard /Mouse |
| 4 | Visualiser Tray | It should have a Provision for Visualiser with a Sliding Tray. |
| 5 | Wheels | Its should have Wheels for easy movement. |
| 6 | Rack Space | Its should have Rack Space for keeping Amplifier, CPU, Microphone receiver or more equipment. |
| 7 | Screen Size | The system should consist of 21.5 Inches Touch Screen Monitor. |
| 8 | Type | The monitor should be LED backlit. |
| 9 | Resolution | The monitor should have a native resolution of 1920x1080 |
| 10 | Port | The monitor should come with a USB port for PC Connection. |
| 11 | Brightness | The monitor should have a Luminosity of 250 cd/m ² or more. |
| 12 | Input port | The monitor should have a VGA, HDMI or DVI Input port. |
| 13 | Supply | The monitor should support Power Supply of 100 ~ 250VAC. |
| 14 | Digital Signage Display | The podium should have 32" or better digital signage display in the front for to play the videos and organization logos. The display should atleast have 1x HDMI Inputs |
| 15 | Laptop Interface | The system should consist of the atleast following ports on the interface with integrated Switcher having following Ports VGA port, HDMI Port, Audio port, 4 USB Ports, Power Outlet. It should come with integrated button pad controller to switch between HDMI , VGA and USB Ports. It shall have HD video inputs for CPU, 2x Laptop Inputs, Visualiser or more |
| | | It shall have basic selection control buttons for the four inputs, Microphone Control Buttons, Volume Control Buttons, projector Control Buttons, Screen up/Down Buttons. |
| 16 | Gooseneck Mic Port | The Microphone should come up with standard 3 PIN XLR Connector. |
| 17 | Certifications | It should have CE,FCC and RoHS |
| i5 FHD Codec (PC) | | |
| S. No. | Parameter | Specifications |
| 1 | Aspect Ratio | It should support 16:9 Aspect ratio |
| 2 | RAM | 8 GB or more |
| 3 | Storage | 512 GB SSD or more |
| 4 | On Board LAN | 1x 8106E/8111H,100M Ethernet port |
| 5 | Video Resolution | Should support 1080p 30fps; 720p 30fps; 4CIF; VGA;CIF |
| 6 | Graphics | Intel CPU Integrated Graphics |
| 7 | I/O Interface | 5x USB 3.0 or More |
| 8 | | 1x HDMI Out or more |
| 9 | | 1x VGA Out or more |
| 10 | | 1x Mic In-Port or more |
| 11 | | 1x Line-In Port or more |
| 12 | Operationg system | Windows with i5 with 10th generation or better |
| 13 | On Board Audio Chip | Realtek ALC662 HD Audio Decode Controller or better |
| 14 | Working humidity | 0% ~ 95% (Relative humidity, non-condensing) |
| 12 Channel Pro Audio DSP | | |
| S. No. | Parameter | Specifications |
| 1 | Type | 12-channel audio processor |
| 2 | Mic Inputs | It Should have 8 or more Microphones input interface with phoenix connector. |

| | | |
|----|---|--|
| 3 | Line inputs Type-1 | It Should have 2 Line input interfaces, usually for the local audio source, i.e., DVD, laptop, etc. phoenix connector. |
| 4 | Line Inputs Type-2 | It Should have 2 Line input interfaces, usually for AEC reference signal input, phoenix connector. |
| 5 | Line Outputs Type-1 | It Should have 2 Line output interfaces, usually for the external recording device, phoenix connector. |
| 6 | Line Outputs Type-2 | It Should have 2 Line output interfaces, usually for AEC signal output, phoenix connector. |
| 7 | Line Outputs Type-3 | It Should have 2 Line output interfaces, usually for external amplifier or active loudspeaker for remote and local audio playback, phoenix connector. |
| 8 | Other Ports | It should have atleast one Wireless microphone input, 3.5mm audio connector. onitor headphone interface, 3.5mm connector. |
| 9 | Control Port | It should have 1xRS232 for connected to the control terminal, phoenix connector |
| 10 | ETHERNET | It should have atleast one Ethernet port for Configuration/control interface, RJ45 connector. |
| 11 | USB/Stereo 3.5mm Interface for Soft calls | It should have atleast one USB2.0/Stereo 3.5mm type A interface, supports bidirectional audio data transmission, can be more convenient to integrate into the OPS or PC as a sound card application |
| 12 | Software | It should support software to achieve special features like Acoustic Echo Cancellation configuration, NLP(Nonlinear Processing) Setting, Noise Reduction Setting, AGC(Automatic Gain Control) Setting, Dereverberation Setting, High-Pass Filter Setting, Low-Pass Filter Setting, Parameter Equalizer Setting, Leveler Setting, Auto Mixer Setting, Level Control Setting, Matrix Mixer Setting |
| 13 | Certifications | CE, FCC and RoHS |

| (3) Wall Mount Speakers | | |
|--------------------------------|----------------------------|--|
| S. No. | Parameter | Specifications |
| 1 | Enclosure Material | The system should be made of ABS Plastic |
| 2 | Woofer type | The system should be have polypropylene cone woofer |
| 3 | Woofer size | The system should be have woofer size of 5.25" or higher |
| 4 | Tweeter type | The system should be have Titanium dome type Tweeter |
| 5 | Tweeter size | The system should be have Tweeter size of 1" or higher |
| 6 | Frequency response | It should be frequency bandwidth 90HZ – 20 kHz |
| 7 | Impedance | It should have impedance of 8 ohms or higher |
| 8 | SPL (Sound Pressure Level) | It should have SPL of 90dB or higher |
| 9 | Power (RMS) | It should have 50 watts or higher Power (RMS) |
| 10 | Connectors | It should have 1 (one) pair metal binding terminal type connectors |
| 11 | Type of Mounting | It should be wall-mounting or higher |
| 12 | Dual axis Mounting | It can be mounted vertically or horizontally in both axis |

| (4) Wireless Microphone System | | |
|---------------------------------------|--|---|
| S. No. | Parameter | Specifications |
| | Receiver | |
| 1 | Wireless Microphone System | It should be supplied with 1 Wireless Handheld and 1 headband microphones |
| 2 | Out Put | The receiver should have 1 number mixed Output |
| 3 | Frequency Band | The Microphones & Receiver should work on UHF frequency band. |
| 4 | Frequency Response | It should have a frequency response of 40Hz to 17000 Hz or better. |
| 5 | Antennas | It should have as 2x Antennas |
| 6 | Interface | It should have 1x output port as 6.3mm phono type. |
| 7 | Mount | It should have 1 Rack unit high with ability to mount in rack. |
| 8 | Power | It should be supplied with 12 VDC power adapter. |
| | Hand Held Transmitter | |
| 9 | RF Output Power | 10mW (Max) |
| 10 | Carrier Frequency Range | 600-699MHZ |
| 11 | Modulation Mode | FM |
| 12 | Microphone Elemen | Dynamic, Cardioid |
| 13 | Frequency Response | 50-15,000HZ |
| 14 | Current Consumpt | < 150m |
| 15 | Controls | POWER ON/OFF switch, |
| | Body Pack Transmitter Specification | |
| 16 | RF Output Power | 10mW (Max) |
| 17 | Carrier Frequency Range | 600-699MHZ |
| 18 | Modulation Mode | FM |
| 19 | Microphone Elemen | Condenser Mic |
| 20 | Frequency Response | 50-15,000HZ |
| 21 | Current Consumpt | < 150m |
| 22 | Controls | POWER ON/OFF switch, Volume control |

| (5) Audio Amplifier | | |
|----------------------------|--------------------|---|
| S. No. | Parameter | Specifications |
| 1 | Gain Control | The system should have the facility to control the gain of microphone. |
| 2 | Indicator | The system should have LED indicator for status. |
| 3 | Frequency Response | The Frequency response should be 20Hz – 20000 Hz. |
| 4 | Amplifier Type | The system should be Class-D type digital amplifier with with Bass, treble Equalizer. |
| 5 | Channel | It should have 2 channel stereo output |
| 6 | Power | The Amplifier should have 200 Watts at 8 Ohms |
| 7 | Channel | The Amplifier should be inbuilt with 2 channel from day 1. |
| 8 | Line Input | It should have Line Inputs as 1 x 2RCA |
| 9 | Line Output | It should have Line Outputs as 1 x 2RCA |
| 10 | Mic Input | It should have 2x phoenix Microphone Inputs with seperate gain controller |
| 11 | Unbalanced Input | It should have 1 Unbalanced Microphone 6.5mm Phono Input with gain controller |
| 12 | RS232 port | Amplifier should have 1 X RS232 port for controlling |
| 13 | Form Factor | The system should be standard 19 inches Rack Mountable or better. |
| 14 | Certification | CE,FCC and RoHS |

| (6) 98" Interactive Display | | |
|---|--------------------------------|---|
| S. No. | Parameter | Specifications |
| 1 | Display Panel Diagonal size | 98 Inches or higher |
| 2 | Resolution | 3840 x 2160 (4K or Higher) |
| 3 | Display Colour | 1.07 Billion or Higher |
| 4 | Brightness | 450cd/m2 or better |
| 5 | Viewing Angle | ±178 ° or better viewing angle |
| 6 | Contrast ratio | 1200:1 |
| 7 | Dynamic Contrast Ratio | 30000:1 |
| 8 | Response Time | Not more than 5 ms |
| 9 | Lifetime | 50,000 hours or more |
| Touch Interactive Display - Audio System | | |
| 10 | Speakers | 2 x 18 Watts or Higher |
| Touch Interactive Display - Touch Technology | | |
| 11 | Deployment of Touch Technology | Advanced Infrared |
| 12 | Thickness of the touch glass | 4mm Toughened Glass with 9H Toughness or better |
| 13 | Surface technology | Anti-Glare |
| 14 | Touch accuracy | 1mm or better |
| 15 | Touch Points in Windows | Must have a touch capability of minimum 20 points |
| Touch Interactive Display - Connectivity Ports | | |
| 16 | Interface | USB3.0*3, Keys : Power/Homepage/Screen down/Record/Touchlock/Setting, USB 2.0 : 1, TOUCH : 1, HDMI IN : 2, VGA : 1, AUDIO IN : 1, RS232 : 1, RJ45 IN : 1, EARPHONE : 1 COAX : 1, 1 x HDMI Out, 1 x DP In, 1 x RJ45 Out, 1 x Mic In, |
| Smart System(Android) | | |
| 17 | CPU | 8 core A55 or better |
| 18 | GPU | Quad-core MaliG52 or better |
| 19 | Android version | Android 12.0 or Higher (With Playstore) |
| 20 | Built-in Software: | File manager, Screen mirroring, Chrome, google playstore, Youtube, WPS, Welcome Page, Settings, Calculator, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording.,Wireless Content sharing, text recognition. 4 Application split screen,screen recording,screen capture, Wireless File sharing form mobile phones.U disk lock screen,USB port Block,Multi-user management, |
| 21 | White Board Feature | Menubar includes new whiteboard, storage, sharing, closing, and setting functions,Page management,Painting brush-preset 9 monocolors and 2 gradient,Thickness: preset 6 brush sizes,support ordinary brush, marker, pen three brush styles, as well as text recognition brush andgraphicsrecognition brush two intelligent brush, eraser,Table, Timer, Voting, Withdrawal and redo, Single point / multi point,Mini whiteboard: QR code: Scan the QR code in the web link.for to use the mobile terminal to scan the annotation content (picture format). |
| 22 | Inbuilt WiFi | Dual WIFI (5G & 2.4G)802.11ac/b/g/n/a,Hotspot or better |
| 23 | Bluetooth | BT5.0 or better |
| 24 | RAM | 8 GB or Higher |
| 25 | ROM | 128 GB or Higher |
| 26 | Certification | BIS (Indian), CE, FCC & ROHS certification. |
| 27 | Warranty | 3 Years or Higher. |

| OPS | | |
|-----|----------------------|--|
| 1 | OPS | Interactive display must have 80 Pin OPS slot |
| 2 | Processor | It should have Intel i5 processor or higher with Licensed Windows 11 IOT GAC OS. 10th generation or higher |
| 3 | RAM | It should have RAM of 8GB |
| 4 | ROM / Storage memory | It should have memory storage of 256GB SSD or higher |
| 5 | Interface | It should have USB2.0 x 2 ports, |
| | | USB3.0x 4 ports, |
| | | DP outx1 port, |
| | | HDMI out x1 port. |
| 6 | Network | It should have RJ45 LAN port x 1 |
| 7 | WiFi | It should have inbuilt WiFi with two antennas. |
| 8 | Bluetooth | It should have Bluetooth version 4.0 or above |
| 9 | Audio ports | It should have 3.5mm with Mic/Line-inx1 port,Line-out 3.5mmx 1 port. |

(7) High End Ceiling Microphone

| S. No. | Parameter | Specification |
|--------|---|---|
| 1 | Microphone Type | 128-unit MEMS Microphone Array, built in DSP for single Mic Uses |
| 2 | Zones | Preferred Pickup Zones & Block Area |
| 3 | Voice Tracking/Beam | Dynamic Multi-Beam Voice Tracking To hear every word from multiple speakers |
| 4 | Noise reduction mechanism | Advanced Noise Reduction Algorithms To block background noise |
| 5 | Camera Tracking capabilities | Built-in PTZ Camera Audio Tracking Function |
| 6 | App Support for control and configuration | Must be supported |
| 7 | Sensitivity | -38dBv / 94dB SPL @1kHz |
| 8 | Signal-to-Noise Ratio | 65dBv / 94dB SPL @1kHz, A-weighted |
| 9 | Number of Channels | 2 x 2 |
| 10 | Remote Meeting / Local Sound Reinforcement Channels | 1/1 |
| 11 | Remote Conversation Pickup Zones | 8 |
| 12 | Local Sound Reinforcement Pickup Zones | 8 |
| 13 | Sampling Rate | 48kHz |
| 14 | Maximum Background Noise Suppression | 35dB |
| 15 | AI Noise Reduction Suppression | Support |
| 16 | AI Reverberation Suppression | Support |
| 17 | AI Feedback Suppression | Support |
| 18 | AI Echo Cancellation | Support |
| 19 | Delay (Automatic Mixing Output, Including Dante) | ≤25ms |
| 20 | Cascade Quantity | Unlimited (Using DSP) |
| 21 | Cascade Method | Dante audio |
| 22 | RJ45 Port | 1 (Dante Audio Transmission, PoE) |
| 23 | Reset Button | Should be there for factory default |
| 24 | Certification | CE, FCC, RoHS |

| (8) High End Ceiling Speaker | | |
|------------------------------|---------------------------------|--|
| S. No. | Parameter | Specification |
| 1 | Power | 30w |
| 2 | Frequency Response (-10dB) | 65Hz - 20kHz |
| 3 | Output Boost (Peak) | 111dB |
| 4 | Impedance | 8 Ohms |
| 5 | Woofer | 6-Inch Composite Diaphragm Waterproof Unit |
| 6 | Tweeter | 1-Inch Silk Dome Tweeter Angle Adjustable |
| 7 | Amplifier Cabinet Material | Engineering Plastic Metal Fireproof Cavity |
| 8 | Installation | Suspension and Flushing Mount |
| 9 | Opening Installation Dimensions | 246mm (Round Hole) |
| 10 | Accessories | Metal Safety Rope |
| 11 | Dimensions | 279mm x 279mm x 176mm |
| 12 | Weight | 3kg |
| 13 | Certification | CE, FCC, RoHS |
| S. No. | Parameter | Specification |
| 1 | Audio Channels | bidirectional channels |
| 2 | Dante Compatibility | Fully compliant with Dante audio-over-IP protocols |
| 3 | USB Interface | USB 2.0/3.0 compliant, plug-and-play |
| 4 | Audio Quality | Supports up to 24-bit/48kHz resolution. Low jitter for high-fidelity audio. |
| 5 | Latency | Ultra-low latency (<2 ms) for real-time audio streaming and recording. |
| 6 | Operating System | Compatible with Windows, macOS, and Linux. |
| 7 | Physical Connections | RJ45 Ethernet port for Dante network. USB-B or USB-C connector for computer interface. |
| 8 | Form Factor | Compact, durable design suitable for portable or fixed installations |
| 9 | Additional Features | LED indicators for power Configurable |

(9) 4K 12x Optical Zoom Camera Specifications (Video Conferencing System with 360 VC Recording)

| S No | Parameter | Specifications |
|------|-----------------------------|--|
| 1 | Sensor | 1/2.5 inches CMOS, 8.51 Megapixels or better |
| 2 | Lens | f4.4mm-52.8mm, F1.8-F2.6 |
| 3 | Field of View (FOV) | 78° |
| 4 | Video Format | YUY2: Max 1080P@30fps; MJPEG: 2160P@30fps; H.264 AVC/SVC: Max 2160P@30fps |
| 5 | Optical Zoom | 12x |
| 6 | Digital Zoom | 16x |
| 7 | AI Features | Presenter Framing, Group Framing, Humanoid Tracking, and Target Tracking |
| 8 | Minimum Illumination | 0.5Lux @(F1.8, AGC ON) |
| 9 | Shutter | 1/30s - 1/10000s |
| 10 | White Balance | Auto, indoor, outdoor, one-push, manual VAR |
| 11 | Backlight Compensation | Supported |
| 12 | Digital Noise Reduction | 2D & 3D DNR |
| 13 | Signal-to-Noise Ratio (SNR) | >55dB |
| 14 | Pan Angle | 170° |
| 15 | Tilt Angle | -30° to 90° |
| 16 | Pan Speed | 2.7° - 35.7°/s |
| 17 | Tilt Speed | 2.7° - 31.5°/s |
| 18 | Image Flip | Supported |
| 19 | Preset Positions | 255 |
| 20 | Video Compression | H.264/MJPEG |
| 21 | Video Stream | Dual Stream (First and Second Stream) |
| 22 | First Stream Resolution | 3840x2160, 1920x1080, 1280x720, etc. |
| 23 | Second Stream Resolution | 1920x1080, 1280x720, 1024x576, etc. |
| 24 | Video Bit Rate | 32kbps - 20480kbps |
| 25 | Frame Rate | 50Hz: 1fps - 25fps; 60Hz: 1fps - 30fps |
| 26 | Audio Compression | AAC |
| 27 | Audio Bit Rate | 96kbps, 128kbps, 256kbps |
| 28 | Protocols | NDI (Optional), TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, SRT, GB/T28181, Multicast |
| 29 | USB Interface | 1 x USB 3.0 Type-C |
| 30 | HD Output | 1 x HDMI |
| 31 | Network Interface | 1 x RJ45: 10M/100M/1000M Adaptive Ethernet |
| 32 | Audio Interface | 1 x Line In (3.5mm jack) |
| 33 | Control Interface | 1 x RJ45 (IN), 1 x RS232 IN (8Pin mini DIN, Max Distance: 30m), Protocol: VISCA/Pelco-D/Pelco-P |
| 34 | Power Interface | JETA Type (DC IN 12V) |
| 35 | Accessory | IR Remote Control and Wall Mount kit (included as standard accessory) |
| 36 | Certifications | It should have BIS (Indian), CE, FCC, RoHS, and CB Certification. CB Test Reports must be submitted. |

| (10) 86" Interactive Display | | |
|---|--------------------------------|--|
| S. No. | Parameter | Specifications |
| 1 | Display Panel Diagonal size | 86 Inches or higher |
| 2 | Resolution | 3840 x 2160 (4K or Higher) |
| 3 | Display Colour | 1.07 Billion or Higher |
| 4 | Brightness | 450cd/m2 or better |
| 5 | Viewing Angle | ±178 ° or better viewing angle |
| 6 | Contrast ratio | 1200:1 |
| 7 | Dynamic Contrast Ratio | 30000:1 |
| 8 | Response Time | Not more than 5 ms |
| 9 | Lifetime | 50,000 hours or more |
| Touch Interactive Display - Audio System | | |
| 10 | Speakers | 2 x 18 Watts or Higher |
| Touch Interactive Display - Touch Technology | | |
| 11 | Deployment of Touch Technology | Advanced Infrared |
| 12 | Thickness of the touch glass | 4mm Toughened Glass with 9H Toughness or better |
| 13 | Surface technology | Anti-Glare |
| 14 | Touch accuracy | 1mm or better |
| 15 | Touch Points in Windows | Must have a touch capability of minimum 20 points |
| Touch Interactive Display - Connectivity Ports | | |
| 16 | Interface | USB3.0*3, Keys : Power/Homepage/Screen down/Record/Touchlock/Setting, USB 2.0 : 1, TOUCH : 1, HDMI IN : 2, VGA : 1, AUDIO IN : 1, RS232 : 1, RJ45 IN : 1, EARPHONE : 1 COAX : 1, 1 x HDMI Out, 1 x DP In, 1 x RJ45 Out, 1 x Mic In, |
| Smart System(Android) | | |
| 17 | CPU | 8 core A55 or better |
| 18 | GPU | Quad-core MaliG52 or better |
| 19 | Android version | Android 12.0 or Higher (With Playstore) |
| 20 | Built-in Software: | File manager, Screen mirroring, Chrome, google playstore, Youtube, WPS, Welcome Page, Settings, Calculator, User Manual, Float tool, Side tool bar, Note, Vote, Screen recording.,Wireless Content sharing, text recognition. 4 Application split screen,screen recording,screen capture, Wireless File sharing form mobile phones.U disk lock screen,USB port Block,Multi-user management, |
| 21 | White Board Feature | Menubar includes new whiteboard, storage, sharing, closing, and setting functions,Page management,Painting brush-preset 9 monocolors and 2 gradient,Thickness: preset 6 brush sizes,support ordinary brush, marker, pen three brush styles, as well as text recognition brush andgraphicsrecognition brush two intelligent brush, eraser,Table, Timer, Voting, Withdrawal and redo, Single point / multi point,Mini whiteboard: QR code: Scan the QR code in the web link.for to use the mobile terminal to scan the annotation content (picture format) |
| 22 | Inbuilt WiFi | Dual WIFI (5G & 2.4G)802.11ac/b/g/n/a,Hotspot or better |

| | | |
|------------|----------------------|--|
| 23 | Bluetooth | BT5.0 or better |
| 24 | RAM | 8 GB or Higher |
| 25 | ROM | 128 GB or Higher |
| 26 | Certification | BIS (Indian), CE, FCC & ROHS certification. |
| 27 | Warranty | 3 Years or Higher. |
| OPS | | |
| 1 | OPS | Interactive display must have 80 Pin OPS slot |
| 2 | Processor | It should have Intel i5 processor or higher with Licensed Windows 11 IOT GAC OS. 10th generation or higher |
| 3 | RAM | It should have RAM of 8GB |
| 4 | ROM / Storage memory | It should have memory storage of 256GB SSD or higher |
| 5 | Interface | It should have USB2.0 x 2 ports, |
| | | USB3.0x 4 ports, |
| | | DP outx1 port, |
| | | HDMI out x1 port. |
| 6 | Network | It should have RJ45 LAN port x 1 |
| 7 | WiFi | It should have inbuilt WiFi with two antennas. |
| 8 | Bluetooth | It should have Bluetooth version 4.0 or above |
| 9 | Audio ports | It should have 3.5mm with Mic/Line-inx1 port,Line-out 3.5mmx 1 port. |

| (11) Interactive Panel 75" | | |
|----------------------------|-----------------------------|---|
| S.No. | Parameter | Specifications |
| 1 | Size | 75"(Dignol) |
| 2 | Visual Ratio | 16:09 |
| 3 | Max Visual area | 1651 (H) x 929 (V) mm |
| 4 | Resolution | 3840 (H) X 2160 (v) |
| 5 | Pixel Pitch | 0.42975 X 0.42975mm |
| 6 | Frequency | 60Hz |
| 7 | Display Color | 1.07B (10bit) |
| 8 | Color gamut (Typ) | 72% |
| 9 | Contrast RATIO (Typ) | 1200:01:00 |
| 10 | Dynamic Contrast Ratio | 30,000:1 |
| 11 | Viewing Angle | 178 (H/V) |
| 12 | Back Light Source | DLED |
| 13 | Brightness (Typ) | 350cd/m2 (Min) & 400cd/m2(Max) |
| 14 | Life span | >-50000hrs |
| Touch Specification | | |
| 1 | Touch Mode | Infrared identification |
| 2 | Touch Points | 20 Points touch |
| 3 | Minimum identifier | 2mm |
| 4 | Input mode / Wrting display | Opaque object (finger,pen,etc) |
| OPS | | |
| 1 | CPU | Intel@Rcore i5/i7,8th/10th/12th Gen,Octa Core |
| 2 | Memory | 8GB/16GB DDR4 |
| 3 | Storage | 256GB SSD/512 GB/HDD 1TB 9Optional) |
| 4 | Interfaces | 6xUSB3.0 Type-A,1 X USB Type-C, 2XRJ 45 10/100/1000M, 1X HDMI 1.4 out Max.4K/3-Hz,1X DP out,1X3.5mm Line out, 1X3.5mm Mic in,2XWIFI ANT,1X Power button |

(12) Professional TV

| S.No. | Parameter | Specifications |
|-------|-----------------------------|---|
| 1 | Professional TV 43 " for VC | TV without application installed or customization |