

IB 2024-27: Procurement of Wireless Interactive Visualizer and Ultra -Short Throw Interactive Projector with other accessories



SECTION 7- TECHNICAL SPECIFICATIONS

1	2	3	4
Item No.		SPECIFICATIONS	Statement of Compliance
1	<p>Supply and Delivery of Wireless Interactive Visualizer (Document Camera) including Wireless Slate, Interactive Writing Tool/Pen, Sensor Bar, compatible HDMI cable, at least 16GB SD card, and carrying case/bag.</p>	<p>REFER TO LIST</p> <p>1. Main camera. Technical specifications (minimum). Image pick-up device: 1/2.8" Complementary metal-oxide-semiconductor (CMOS). Effective pixels: H2048, V1536. Frame rate: 30 fps. Zoom: 12x Optical zoom (8x digital zoom). Lens: f=4.0mm-48.0mm (12x zoom). Shooting area: MAX 297mm x 420mm (SXGA). Focus: Auto/Manual /Zoom/Sync. Resolution: 1080p/720p/SXGA/ WXGA/XGA. Image mode: Text1/Text2/Text3/Graphics1/ Graphics2. Flicker correction: provided. Graphical OSD: provided. Illumination lamp: white LED. White balance: Author/manual. Edge enhancement: provided. Pause: provided. Still image storage: provided. Movie storage provided. Gamma setting: provided. Slide show: provided. Image saves: provided. State presetting: provided. Brightness control: provided. Support functions: provided. Interface (minimum). Input terminals: RGB input Mini D-sub 15P x1, HDMI input Type A x1, 3.5mm stereo mini jack x1. RGB output: 1080p 720pSXGA WGXAXGA. Output terminals: RGB output Mini D-sub 15P x1, HDMI output Type A x1, 3.5mm stereo mini jack x1. HDMI output: 1080p, 720p. USB 2.0: provided (for PC connection, type mini-B). Memory interface: SD, USB type A. Others. Power source: 12VDC (AC adapter AC 100-240V). Power consumption: 16.2W. Dimensions: approximately W355 xD373.5 xH426.5mm (Setup); approximately W355 xD294 xH469mm (Folded). Weight: Approximately 3.2kg. Accessories: Power cord, AC adapter, USB cable, Remote control, AAA batteries, CD-ROM.</p> <p>2. Wireless Slate/Tablet with Image Mate Accent Software or better. Includes tablet, pen, wireless dongle, pen holder, extra core x8 (stored inside the pen holder), and USB cable (for charging and for operation). Technical specifications (minimum). Operating temperature: 0 to 40°C. Reading range: 8.0 x 5.0 inches (203.2 x127.0mm). Reading resolution: 0.0127mm-0.005mm. Reading accuracy: 0.3mm-0.42mm. Approximate reading speed: 266PPS when wired; 233PPS when wireless. Pen pressure level: 1024-8192 levels. Wireless band used: 2.4GHz. Communication range: Approximately 15m. Power supply: Lithium-ion battery. Continuous operation time: Approximately 15-16 hours.</p>	<p><i>Statement of Compliance</i></p> <p><i>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]</i></p> <p>NOTE: Once the bidder indicates COMPLY, it is understood all the items required per item are/ is complied with</p>

		<p>Auto power off time: Approximately 30-45 minutes. Full charging time: Approximately 4 hours. Consumption current when using USB 5 V: 500mA; when using lithium-ion battery 3.7V:60-67 mA. Compatible computer model: Computers equipped with standard USB port (Type A). Compatible OS: Windows 10/8.1/8/7; MAC OS X 10.15/10.14/10.13/10.12/ 10.11. External dimension (WxDxH): 12 13/32" x 10 1/8" x 29/32" (310-315 x 207-257 x 23-28 mm). Weight (including tablet, pen, wireless adapter, wireless dongle): Approximately 530g.</p> <p>3. Interactive Writing Tool/Pen and Sensor Bar. Technical specifications (minimum). Interactive pen. Dimension: 152 x 25mm. Weight: 34g (without the battery). Power: AA battery. Battery life: Approximately 2,000 hours. Auto power off: about 150 seconds. Sensor bar. Working area (white board): 1,800 x 1,200mm; Ratio 4:3, approx. 79 inches. Working area (LCD monitor): 1,450 x 850mm, Ratio 16:9, approx. 64 inches. Position accuracy: 1mm. Tracking frequency: 60 rps. Operating temperature: 10°C - 40°C. Dimension: Approximately 227 x 43 x 11mm. Weight: Approximately 75g. Power: USB. Power consumption: 0.5W. Continuous Op Time: Approximately 16 hours. Software: Provided and compatible. Wireless sender. Approximate dimension: 53 x 44 x 25.3mm. Weight: 26g. Wireless band: 2.4GHz. Operation temperature: 0°C - 40°C. Wireless communication distance: About 15m. Power consumption: Max 5V, 60mA. Power source: DC 5V. Wireless receiver. Operational temperature: 0°C - 40°C. Wireless band: 2.4GHz. Power source: USB bus power. Power consumption: Max 5V, 50mA. Dimension: 64 x 22 x 10mm. Weight: Approximately 11g.</p> <p>4. 5 meters HDMI cable to HDMI cable 60hz/144hz ; 1 pc 16 GB SD CARD; 1 pc, Carrying Case/Bag with compartments</p>	
2	<p>Supply and Delivery of Ultra-Short Throw Interactive Projector</p>	<p>Minimum Technical Specifications. Projection Technology: RGB liquid crystal shutter projection system (3LCD). Main Parts. LCD Size: Native Resolution: 0.67" (D10); WUXGA. Projection Lens: Type (No optical zoom/focus (manual); F-number (1.60); Focal length (4.2mm); Zoom ratio (1.0-1.35 digital zoom); Throw ratio (0.27-0.37 wide-tele). Lamp: Type (267W UHE); Life (normal 5,000 hours/eco 10,000 hours). Screen size (Projected distance): 70"-100"; 90" screen 53cm. Brightness. White light output (normal/eco): 3,800lm/ 2,900lm; Color light output: 3,800lm. Contrast ratio: 16,000:1. Internal speakers sound output: 16W mono. Keystone correction: Vertical/horizontal (zoom: tele): ±3° / ±3°; Quick corner: Yes. Connectivity. Analog input: D-sub 15Pin: 1 (Blue). Composite: RCAx1 (Yellow). Digital input, HDMI: 3 (HDMI1 in common with MHL). Output terminal, D-sub 15Pin: 1 (Black). Audio input, stereo mini jack: 2. Audio output, stereo mini jack: 1. USB type A: 2 (for USB memory, USB document camera, firmware update, copy OSD settings). USB type B: 1 (for USB display, mouse, K/B, control, firmware update, interactive, copy OSD settings). Microphone input: 1. RS-232C: D-sub 9pin x 1. Interactive sync: stereo mini jack IN x 1, OUT x 1. Touch unit control: yes. Wired LAN: RJ45 x 1 (100Mbps). Wireless: Optional. Wireless specifications. Supported speed for each mode: IEEE 802.11b: 11 Mbps; IEEE 802.11g: 54 Mbps; IEEE 802.11n: 130 Mbps. Wireless LAN security. WPA/WPA2-Personal. Interactive specification. Interactive unit: technology (infrared); input devices (interactive digital pen, easy interactive pen 1, 2); fingers (1-6 fingers); Connection to computer (USB, Network); Calibration (pen- auto/manual, 25 points, finger- 16 points manual); Functions (hover, right click, auto adjust pen area). Touch unit: Maximum dimension DxWxH (51x210x95mm); Weight (450g). Operating temperature. Single use (below 1,500m/4921ft): 5 - 40 °C <41 - 104 °F> (0m / Off - 2,286m / 7,500ft), 5 - 35 °C <41 - 95 °F> (over 2,286m / 7,500ft), (20% - 80% humidity, No Condensation). Multi-projection use (below 1,500m/4921ft): 5 - 35 °C <41 - 95 °F> (0m / Off - 2,286m / 7,500ft), 5 - 30 °C <41 - 86 °F> (over</p>	

		<p>2,286m / 7,500ft) (20% - 80% humidity, No Condensation). Operating altitude. 0 - 3,000 m <0 - 9,843 ft>. Direct power on/off: yes. Start-up period: About 8 seconds, warm-up period about 30 seconds. Cool down period: instant off. Air filter: Type (Electrostatic filter); Maintenance cycle (10,000 hours). Power supply voltage: 100 - 240 V AC ±10%, 50/60 Hz. Power consumption (220-240V). Lamp on (normal/eco): 401W / 334W. Standby (Network On / Off): 3.0W / 0.32W. Dimension Excluding Feet (D X W X H): Approximately 447 x 474 x 130 mm. Weight: Approx. 8.3kg. Fan Noise (Normal / Eco): 37dB / 30dB.</p>	
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Name of Bidder over Printed Name

Date