

Govt. of India
Capacity Building Commission
Jawahar Vyapar Bhawan, New Delhi

Sub: Installation and maintenance of Conference solution at 20th & 21st floor, Capacity Building Commission (CBC).

BOQ Format

S.No	Item	Required Parameters	Specified Make	Qty	Unit Price	Amount	GST (%)	Total Amount (Rs.)
1.	Video Conferencing Camera with Mic.	Professional quality ePTZ auto-tracking camera with high quality imaging, fine detail and exceptional color reproduction. Camera must give Simultaneous USB 3.0, HDMI and H.264 IP Streaming out. Camera have minimum two integrated beamforming microphones with built-in Acoustic Echo Cancellation (AEC). Built-In Microphones have audio pickup range of upto 20 ft. or more. Camera have Advanced Intelligent auto Framing algorithms to keep the participants in view. Camera have 30x Zoom or better, Field of View : 70.2° or better. Minimum Illumination: 100+ Lux. Pixels : 8.51 Megapixel (8.57 Total MP) or better. Top Resolution : 1080p/30 or better and white balance: auto focus, Manual & one push. Camera be powered over POE, Camera must have minimum IP-Streaming (it should support both RTSP & RTMP Protocols), USB 3.0, HDMI, Network, Audio output ports. There should be minimum Audio & Network inputs ports on the camera for getting external audio integrated with camera for soft VC or stream application. On site OEM warranty – 1 year or more.	Cisco/Poly/Vaddio or similar	2				
2.	4K Display Panel with High Brightness	Screen Size : 65 (165cm) or more; Panel Technology : IPS; Native Resolution : 3,840 x 2,160 (UHD); Brightness(Typ.) :500 Nits; Contrast Ratio :1,100:1; Dynamic CR :1,000,000 : 1 *The luminosity ratio of Full Black / Full White color on video input condition. Color Gamut :BT709 95%; Color Depth :1.07 Billion Colors (10 bit); Response Time :8 ms (G to G); Surface Treatment (Haze) :Haze 28%;Operation Hours (Hours / Day) :24/ 7; Portrait / Landscape :Yes / Yes; Input :HDMI (2, HDCP 2.2/1.4), HDMI (1, HDCP 1.4), DP (1, HDCP 2.2/1.3), DVI-D (HDCP 1.4), Audio, USB 2.0 Type A; Output :DP, Audio;	LG/Christie/Barco or similar	1				

		External Control :RS232C (4 Pin Phone Jack) In / Out, RJ45(LAN) In, IR In; Tilt (Facedown) :Yes (Max. 30°) *In conditions within 30°C temperature, 50% humidity; Speaker : Yes; Safety : CB, NRTL; EMC: FCC Class "A" / CE / KC; ErP : Yes; OPS Type Compatible : Yes; OPS Power Built In : No; IP Rating :IP5x. On site OEM warranty - 1 year or more.						
3.	Micro PC	Processor – Intel Core i5; Graphics – Intel® UHD Graphics; RAM – 8 GB DDR4; Storage – 256 GB; Wi-Fi Connectivity – 802.11 a/b/g/n WLAN Or higher; USB Port 2.0 – 2 nos. or Higher; USB Port 3.0 – 2 nos. or Higher; HDMI Port – 1 Or higher; Audio Out – 1 Or higher; MIC In – 1 or higher; LAN / RJ45 – 1 or higher; Dimensions – between 180 x 170 x 30 mm to 220 x 210 x 50 mm; Certification – BIS, CE, ROHS; On Site OEM Warranty (Year) – 1 year or more; with Operating System –Windows 10 Professional. On site OEM warranty – 1 year or more.	Lenovo/Dell/HP with OS from Microsoft Window or similar	2				
4.	30W RMS Active Speaker Set	Set of 2 speakers of 2x30 Watt RMS Continues output having woofer plus tweeter. 1 Active and 1 passive speaker, Body Type: Cabinate, Wall mount speakers. Audio Level Controls – Volume, treble and bass; Auto Power – Shuts off when system is not in use, indicated by a LED; Automatic Input Voltage Selector – 90 to 240V AC, 50 to 60Hz; Enhanced Bass Reflex; Magnetically Shielded. On site OEM warranty – 1 year or more.	Kramer/QSC/Bose or similar	2				
5.	Accessories	15 Ft or more long USB 2.0 Active USB Extension Cable, Wireless Keyboard & Mouse. On site OEM warranty – 1 year or more.	Active USB Cable: Kramer/Crestron/C2G Wireless Keyboard & Mouse : Logitech/HP/Dell or similar	2				
6.	Installation, Commission & Testing			1				
7.	Warranty							
	Grand Total							

The work includes Installation, Commission & Testing (ICT) and maintenance of Conference solution which will be installed at floor 20th & 21st of CBC alongwith AMC for 1 year, apart from the warranty period.