

Amendment to the specifications for Video Conferencing Facility

Sr. No.	ITEMS
A	Video Conferencing Unit: Studio Based
	Specifications
System capacity (equipped) and type	• Full HD codec • Firmware update support required • Licence not required
Video Standards	• H.261, H.263, H.264, H.264 High Profile • Support for presentaion using standards based H.239
Inputs (Video/Audio/Data)	Video • 1xHD input for connecting main HD camera • 1x HDMI 1.3 • 1 x VGA Audio • Microphone input port (suitable for 4 Mic arrays) • 1x HDCI • 1X HDMI • 1x 3.5mm stereo line in
Outputs (Video/Audio)	Video • 2 x HDMI 1.3 Audio • 1xHDMI •1x 3.5mm stereo line out
Bandwidth Usage	• Point-to-Point @ 6Mbps • Total bandwidth supported should be 6 Mbps • It should give Standard Definition for Multiparty call.
Network Interface	• 10Mbps /100Mbps /1 Gbps auto NIC (RJ-45) • H.323 at 6 Mbps • Lost packet recovery
Camera	• 1/2.33" CMOS, 1920x1080 (1080p) • 12x optical zoom, • Auto Focus • Upto 85 degree or better • Upto 36 degree or better • Pan should be +100 to -100 degrees • Must have tilt range of +20 to -30 degrees • Min Illumination : 50 Lux • Focal length – f=3.76 – 37.6 mm
Video Resolution	HD720p 60 from 832 kbps, HD1080p 30 from 1024 kbps, HD1080p 60 from 1740 kbps. 4SIF/CIF 30, 4SIF/CIF 60, SIF, CIF, QCIF
Content Resolution	• Input: HD1080p,WSXGA, SXGA, HD720p, XGA, SVGA • Output: WSXGA, SXGA, HD and XGA
Audio Standard	• Stereo sound • 22kHz crystal clear audio • 14 kHz bandwidth with G.722.1 Annex C • 7 kHz bandwidth with G.722, G.722.1 • 3.4 kHz bandwidth with G.711, G.728, G.729A • Automatic Gain Control, Automatic Noise Suppression • Keyboard noise reduction • Audio Error Concealment • Instant Adaptation Echo Cancellation
Other Standards	H.224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.239, H.243, H.460, BFCP (RFC 4562)
Other Features	• Support audio with content (H.239)
IP capability	Shall be configured on IPV4 and it should be ready for IPV6 in future
Microphones	Group microphone array should be supplied

Sr. No.	ITEMS	
B	DISPLAY	
	Specifications	
	Panel Type	IPS LED or OLED (non curve)
	Light Source Type	LED
	Screen Size (Diagonal)	65 inch
	Aspect Ratio	16:09:00
	Screen Resolution	FHD or higher
	Panel Brightness	Superbright
	Panel Drive	100Hz Bls
	Viewing Angle (H/V)	178 o / 178 o
	Response Time (G-to-G)	5 milli second or better
	Display Colour	More than 16.7 million
	Contrast Ratio	10000:01:00
	Multi-display Mode Options	Yes
	CONNECTION TERMINALS	
	HDMI	1.3 or higher
	Video IN	1 minimum
	Audio IN	1 minimum
	RGB IN	1 minimum
	Audio OUT	1 minimum
	RGB OUT	1 minimum
	SOUND	
	Built-in Speakers for Stereo Audio Output	10+10 watt or better
	POWER	
	Power Supply	230V AC 50 Hz

Sd/-

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