



OCAC

ODISHA COMPUTER APPLICATION CENTRE
OCAC BUILDING, N-1/7-D,
ACHARYA VIHAR SQUARE, NEXT TO PLANETORIUM,
BHUBANESWAR – 751013

Our Ref. No.OCAC-SEGP-INFRA-0090-2025 - 5978 /Date 19-11-2025

Short Quotation Call Notice

Sealed quotations are invited from authorized supplier/dealer/distributor having valid document as mentioned below to supply the following item(s) in the Office of the School & Mass Education Department, Lokseva Bhavan, Bhubaneswar.

Sl.No.	Description	Qty./Unit	Rate (Rs.)	GST	Amount (Rs.)	Total (Rs.)
1	Supply of Room Based Unified Video Conferencing Endpoint: - Smart Camera 4K MPTZ with 12x Optical Zoom,4K Codec, Microphone (2 no's) & Bluetooth Remote 01 No with all necessary accessories with 3 Years warranty.as per detail specification of Annexure-I	1 Set				
	Grand Total Rs.:					

The sealed quotations should reach the undersigned on or before **25-11-2025 by 4:00 PM**. The authority reserves the right to accept/reject any or all the quotation without assigning any reason thereof. The interested firms should submit their quotations.

Document to be enclosed:

1. GST Registration certificate.
2. OEM Authorization Certificate
3. Technical compliance to be submitted on the OEM Letter Head with signature & stamp.


General Manager(Admin)

C.C: Notice Board and website of OCAC for information of the vendors.

N.B.: The material should be delivered within 1 Week of issue of Purchase Order.

ANNEXURE-I

Technical Specifications of Room Based VC Endpoint		
<p>The proposed system must be based on ITU standards & hardware based. No software-based solution will be accepted. All components of the VC system like Codec, Camera, Microphones and Remote should be from the same OEM.</p>		
Sl.No.	Description	Specification Parameter
1	Package	UHD 2160p (4K) PTZ Camera, 4K Codec, Microphone and Remote from the same OEM.
2	Video Standards and Resolutions	It should support H.323 & SIP standards for communications.
		It should support interoperability and bandwidth saving using video compression H.264 AVC, H.264 High Profile, H.265
		It should support 4K 30fps, 1080p 60 fps, 1080p 30 fps ,720p 60 fps ,720p 30 fps.
3	Content Standards and Resolutions	It should support both wired and wireless content sharing using standard based H.239 and BFCP. It should also support audio from Laptop used for content sharing.
		It should transmit content to the far end location up to 4K15fps.
		It should support inbuilt feature for wireless content sharing from Windows, MacOS, Android, iOS Smartphones & Tables without downloading any application on the user device.
		It should support Content Annotation and Whiteboarding/Blackboarding capability when connected to Touch Enabled Display/Monitor.
4	Audio Standards and Features	It should support G.711, G.728, G.729A, G.722, G.722.1, G.719 or better
		It should have inbuilt technology to identify and eliminate non-human distracting noises such as keyboard typing, paper shuffling and wrapper crinkling during video calls.
		Automatic Gain Control and Automatic Noise Suppression
5	Video and Audio Inputs	1 x HDMI/HDCI/USB input for connecting main 4K Camera
		1 x HDMI input to share 4K/Full HD content from PC/Laptop/Document camera/PTZ Camera.
		It should have additional USB port for connecting minimum 2 more cameras or it should support AV over IP to connect multiple cameras
		It should support minimum 3 digital omnidirectional mics. The bidder needs to quote 3 digital omnidirectional microphones with mute/unmute soft touch button on the microphone. Each microphone should have at least 15 feet pickup range.
		1 x RCA/3.5mm stereo line-in
6	Video and Audio Outputs	2 x HDMI outputs for connecting primary and secondary 4K(UHD)/Full HD displays.
		1 x RCA/3.5 mm stereo line-out
7	Other Interfaces	1 x 10/100/1000 Ethernet port
		1 x USB to support system software upgrade
		Bluetooth 5.0 and Wi-Fi 802.11a/b/g/n/ac (MIMO) for Wireless Content Sharing for Guests using their Smartphones and Tablets (Android and iOS)
8	Camera	The camera should support group framing and presenter tracking
		The camera should support minimum 12X Optical Zoom, PAN +/-170°, Tilt +/-30° & minimum 10 camera presets.
		The camera should support 4K UHD resolution
		Video Conference Camera and Codec should be controlled using same touch panel.
9	Network Features	H.323 and SIP bandwidth supporting up to 6 Mbps or more.
		Must support IPv4 and IPv6 from day one on both H.323 and SIP.
		Auto Gatekeeper Discovery, Lost Packet Recovery (LPR) technology, IP Precedence and DiffServ, Configurable MTU size

10	USB Pass-Thru Mode	The system should have inbuilt functionality to use the VC system as an external camera and microphones when connected to a Laptop/PC over a single USB cable without using any external hardware components to connect to any Cloud Based VC platform like Cisco Webex, Zoom, BlueJeans, Microsoft Teams, Google Meet, etc.
		The system should be able to support up to 1080p30fps video transmit in USB Pass-thru mode.
		The system should be supplied with 5 mtrs. single USB 2.0 cable from the same OEM for USB Pass-thru mode for seamless functionality.
11	Security	Media Encryption (H.323, SIP): AES-128, AES-256, H.235.6 support
		Authenticated access to admin menus, web interface and APIs
		Local account password policy configuration
		Global Directory/Centralized Directory/LDAP support
12	Other Standards/features	H.460.18, H.460.19, SSL, TLS
13	Cloud Integration	It should be possible to natively register the VC system with Microsoft Teams Room and Zoom Room account for native cloud based video calling features and experience. USB Pass-Thru mode functionality should also be available when the system is running in Microsoft Teams Room / Zoom Room mode.
14	Additional Feature	It should be able to achieve 1080p resolution at 1024 Kbps while making video call with same set of endpoint.
15	Warranty	The complete solution should be from the same OEM with 3 years warranty from day one.