



**CENTRAL UNIVERSITY OF TIBETAN STUDIES, SARNATH VARANASI**  
( Deemed University )

**~~Enquiry details Register~~**

Enquiry No. : CUTS/PPC/17-18-11

Dated: 08-08-2017

**Enquiry Notice**

Sub. : Quotation for below described Items.

Dear Sir,

You are invited to offer your lowest quotation for the following equipment/materials as per the terms and conditions given below and overleaf:

SI. No.	Name of Items	Qty	UOM
	<b>VIDEO CONFERENCING SYSTEM: a Complete Set</b>	<b>1</b>	
	<b><u>Technical Parameter:</u></b>		
	<b><u>1. Technical Specification for Room Based Video Endpoint</u></b>		
	<b>The proposed system must support PAL with a PTZ camera. The codec must be hardware based on ITU standards. No software based solution is accepted here. All components of the VC system like Codec, Camera and Microphone should be from the same OEM.</b>		
<b>Sr. No.</b>	<b>Description</b>	<b>Specification Parameter</b>	
1	Package	Full HD 1080p60 camera, codec, Microphone Array, cables, and remote control	
2	Video Standards and Resolutions	<ul style="list-style-type: none"><li>It should support H.323, SIP standards for communications.</li><li>It should support H.261, H.263, H.264 AVC/ SVC, H.264 High Profile/H.265.</li><li>It should support 1080p 60 fps, 1080p 30 fps, 720p 60 fps and 720p 30fps</li></ul>	
3	Content Standards and Resolutions	<ul style="list-style-type: none"><li>It should support content sharing using standard based H.239 &amp; BFCP. It should also support audio from PC used for content sharing.</li><li>It should transmit both people and content both simultaneously to the far end location at 1080p 30fps</li></ul>	
4	Audio Standards and Features	<ul style="list-style-type: none"><li>It should support G.711, G.728, G.729A, G.722, G.722.1, AAC-LD or better</li><li>It should support 20 kHz or better bandwidth with crystal clear audio and stereo sound.</li><li>Automatic Gain Control and Automatic Noise Suppression</li><li>Keyboard noise reduction and instant adaptation echo cancellation</li></ul>	
5	Video and Audio Inputs	<ul style="list-style-type: none"><li>1 x HDMI/HDCI input for connecting main HD camera</li><li>1 x HDMI/DVI &amp; 1 VGA input for connecting PC/Laptop to share HD content</li><li>1 x Microphone Input or more(Support for minimum 3 mics)</li></ul>	

		<ul style="list-style-type: none"> <li>1 x 3.5mm stereo line-in</li> </ul>
6	Video and Audio Outputs	<ul style="list-style-type: none"> <li>2 x HDMI output for connecting main monitor &amp; second monitor.</li> <li>1 x 3.5 mm stereo line-out</li> </ul>
7	Other Interfaces	<ul style="list-style-type: none"> <li>1 x 10/100/1000 LAN port</li> <li>2 x USB for software upgrade and connecting external devices</li> <li>1 x RS-232 mini-DIN 8-pin or equivalent</li> </ul>
8	Camera	<ul style="list-style-type: none"> <li>It should support 1080p60fps with 10x optical zoom.</li> <li>The system should be future capable of enhancing video conferencing experience with advanced face &amp; voice recognition technology such that it automatically scans the room and direct the cameras for an up-close view of the active speaker.</li> <li>It should support PAN Range of +/-90°, and Tilt of +/-20°</li> </ul>
9	Network Features	<ul style="list-style-type: none"> <li>H.323 and SIP bandwidth up to 6 Mbps</li> <li>IPv4 and IPv6 support from day one</li> <li>Auto Gatekeeper Discovery</li> <li>IP Precedence, QoS</li> <li>H.323 based Packet Lost Recovery</li> </ul>
10	Multisite Feature	<ul style="list-style-type: none"> <li>It should support at least 4 sites at 1080p/ 6 sites at 720p</li> </ul>
11	Security	<ul style="list-style-type: none"> <li>Media Encryption (H.323, SIP): AES-128, AES-256</li> <li>Authenticated access to admin menus, web interface and telnet API</li> <li>Local account password policy configuration</li> </ul>
12	Other Standards	<ul style="list-style-type: none"> <li>H224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.239, H.243, H.460</li> <li>It should support native integration with on premise Lync server &amp; SFB server.</li> </ul>

## **2. Technical Specification for LED Display Panel**

Sr. No.	Description	Specification Parameter
1	Screen Size(Inches)	55"
2	LED Type	Edge LED/Slim LED
3	Native Resolution	1920 x 1080 (Full HD)
4	Contrast Ratio	1100:01:00
5	Dynamic Contrast Ratio	500000:1
6	Brightness	Brightness: 350cd/m2 (65" 400cd/m2)
7	Software	Super sign
8	Free Players	49 players free
9	Viewing Angle (H x V)	178 x 178 Degree
10	Inputs Ports	HDMI-1,DVI(D)-1, VGA-1, LAN PORT- 1, USB-2, RS232-1
11	Other Required Features	Fail-over (USB, RGB, DVI, HDMI), Wake on LAN, SNMP support, Content Sharing feature via LAN
12	Outputs	Stereo Mini Jack- 1,
13	Certificates	UL, FCC, BIS, Energy Star-6
14	Installation	Wall Mount format
15	Speaker	10 Wx2
16	Power Consumption (Type) Watts	32"(50w),42"(65w), 48"(70w),55"(80w),65"(100w)
17	Accessory	Power Cord, Manual CD/Online Download
18	Warranty	3 years

Sd/-  
Authorized Signatory

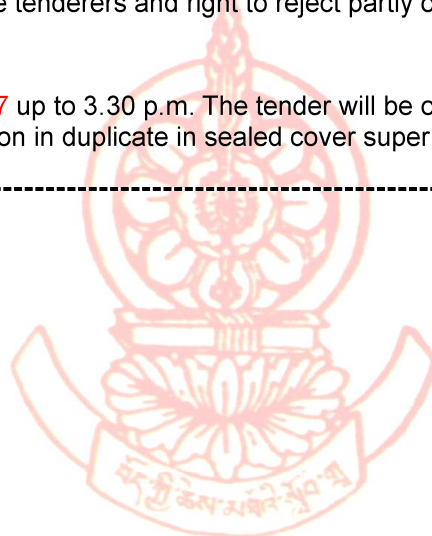
**TERMS AND CONDITIONS**

1. (a) The firms or supplier should submit their case specific OEM authorization.  
(b) Price quoted for the material/equipment shall be firm and valid for 60 days from the date of opening.  
(c) The material/equipment offered shall confirm to relevant Indian/International standards.
- 2 Delivery shall be essentially:  
(a) At CUTS Stores for local offers.  
(b) For Varanasi Railway Station for outstation offers.(for outstation offers approximate freight by Road/Railways by passenger/Goods train shall be indicated if the offer is not F.O.R. Varanasi.)
3. Rate offered must be for metric system of unit lengths or volume or weight.
4. The Quotation shall be complete in all respects and the firms shall give the brand name offered by item in the quotations. Wherever applicable, technical literature may please be enclosed along with tender.
5. CUTS reserves the right to increase the quantity mentioned in this enquiry and CUTS reserves the right to split this tender and place order on one or more tenderers and right to reject partly or completely and tender without assigning any reasons thereof.

**Note:**

Last date of receiving quotation is 18-08-2017 up to 3.30 p.m. The tender will be opened at 3.30 p.m. on the next working day. Please submit your quotation in duplicate in sealed cover super scribing the Tender Enquiry number and date.

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