



Shreemati Nathibai Damodar Thackersey Women's University

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**Invitation for Quotations
for Purchase of
Video Conferencing System**

Ref No: TLC-SNDTWU-WebNotification/2021-22/7

Date: January 5, 2022

Sealed Quotations are invited for purchase of **VC-4 sites Multi-party Hybrid Video Conferencing system** to be installed at Teaching Learning Centre studio at **Juhu campus**. The suppliers are advised to study all technical and commercial aspects, instructions, terms and conditions carefully in the document. Failure to furnish all information required in the quotation may result in the rejection of the quotation. The University reserves the right to reject the quotation in whole without assigning any reason thereof.

Name of Item	Quotation for Purchase of VC-4 sites Multi-party Hybrid Video Conferencing system
Venue of Submission	Department of Educational Technology, SNDT Women's University, Juhu Road, Santacruz (West), Mumbai 400049
To be Addressed to:	Registrar, SNDT Women's University, Mumbai
Contact Telephone	022 – 2660 2831
Deadline of submission	Thursday January 13, 2022

Instructions:

**Dates mentioned here, are scheduled dates for the University Activities. Any changes in dates of submission and processing shall be notified in 'Tenders/Quotations' section on the University website (sndt.ac.in) below the respective quotation.*

To view Quotation Notice, kindly visit following website of **SNDT Women's University, Mumbai: sndt.ac.in**

Quotations should clearly mention all Technical Specifications mentioned in this document.

The quotations are invited for the following product:

VC-4 sites Multi-party Hybrid Video Conferencing system

The quotations are invited in two parts under Three Envelop System. Technical envelop shall be enclosed and sealed in envelop No.1. Schedule of Rates shall be filled in and enclosed in Envelop No.2. Both the sealed envelopes shall be kept in Envelop No.3 which shall be big enough to contain two envelopes. On each envelop name and address along with contact number of bidder shall be written. On the top of it envelop name of the bidder should be mentioned.

Envelop No.1:

The envelope must contain:

1. Covering letter with details of bidders, address, name of proprietor, telephone number, mobile number, email ID, name, signature and seal. In case of partnership firm- name and address of the partners and copy of Partnership Deed.
2. Type of business entity : manufacturer/authorized dealer, any others (to be specified)
3. Certified copy of GST registration
4. PAN Card No
5. List of main clients (minimum 3, maximum 10)
6. Work experience certificate (at least from one client)
7. Authorisation Letter from OEM
8. The details about technical specifications of product should submitted in the prescribed format as follow on the letterhead of the bidder:

Sr · N o.	Name of Item	Required Technical Specification and Standards	Bidder's Technical Specification and Standards Brand-names and Model numbers wherever applicable
1	Video Standards	H.261 , H.263, H263+, H.263++, H.264 High Profile, H.264 Baseline Profile	
2	Video Frame Rate	Should support 60 fps with 1080p resolution from day one	
3	Video Features	Ability to send and receive two live simultaneous video sources in a single call, so that the image from the main camera and PC or document camera can be seen simultaneously.	
		Should support H.239 and BFCP protocols with 1080p resolution	
4	Multi-Point Feature	Should have 4 way SIP/H.323 in 1080p/60fps Multipoint video conference feature enabled from day one.	
5	Video	Should support 2 monitors for Self View, Remote View and Content all in separate Monitors.	
6	Video Output	Should have at least 2 nos. of HDMI / or equivalent (High Definition Multimedia Interface) output to connect Full High Definition display devices such as plasma and projectors for both Video and Content.(Dual Monitor Support)	

		Should support 2 monitors for Self View, Remote View and Content all in separate Monitors	
7	Video Input	Should have at least 2 HD video Input to connect full HD cameras.	
		Should have at least one additional video Input to connect auxiliary full HD camera.	
		Should have VGA/DVI/HDMI port to connect PC/ Laptop directly to the Video conferencing system and display resolutions upto 1080p	
8	Audio : Audio standards supported	G.711, G.722,G.722.1, 64 kbps MPEG-4 AAC-LD or equivalent standard must be supported.	
9	Other Desirable features	Noise Reduction, Automatic Gain control, Acoustic Echo Canceller,	
10	Audio Inputs	Should support 4 Microphone inputs from day one , microphone to be supplied 2 qty	
		Bidder should supply 1 tabletop microphone.	
		The microphones must be standard based microphones.	
		The pick up of the microphones should be at least 10 feet from the microphone	
		Echo Cancellation for every input must be available	
11	External devices	Should have USB port for recording in H.323 call, Firmware updates ,logs etc	
12	Network Interfaces	1 LAN /Ethernet-10/100/1000 Mbps full duplex. Should have support for IPV4 networks	
13	Bandwidth	IP at least 6 Mbps and up to 18 Mbps	
14	Security : Menu Control	Password protected system menu	
15	Features	One to one talk in multiparty call feature	
16	Encryption of video call	<ul style="list-style-type: none"> • ITU-T standards based Encryption of the video call • Call should be encrypted end-to-end on IP • Should support Standards-based: SRTP (AES 128 bit), H.235 (AES 128 bit) 	
17	VC unit should support USB device Mode for web meetings also web hybrid mode	PC Peripheral mode to support VC hardware (codec, camera, Microphone), all web application like skype for Business, cisco WebEx, Zoom, Microsoft teams etc. System should be hybrid for IP+ web meetings together support	
18	Camera	12x optical zoom; 10x digital zoom cameras with 1920x1080p 60 frames per second. FOV minimum 72 deg	
19	Specifications	Pan range: +/-130 degrees, Tilt range: +90 / -25 degrees	
20	Warranty	Mentioning manufacturer warranty part number should be quoted, minimum 3(Three) year warranty should be provided for this unit from the date of successful commissioning	

Envelop No.2:

The envelope must contain:

The financial bid may be submitted in the prescribed format as above on the letterhead of the bidder.

Items (Brand-name and Model Numbers)	Rate per unit (INR)	Taxes (INR)	Qty	Total Estimated Cost (INR)
1.				
2.				
3.				

The rate must be inclusive of all charges. Taxes are to be mentioned clearly in the quotation. The final quantity may vary at the time of issue of purchase order.

Free delivery, installation is required at the Teaching Learning Centre, Department of Educational Technology, SNDT Women's University, Juhu.

The rate validity will be upto 45 days from the date of submission deadline.

All necessary documents, manuals to be handed over to the concerned department, Juhu campus.

Packing and transport charges, transit insurance will be inclusive in the quoted rate.

University will issue Octroi Exemption certificate if required.

Registrar,
SNDT Women's University,
Mumbai