



Shreemati Nathibai Damodar Thackersey Women's University

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

Ref No: TLC-SNDTWU-Web Notification/2021-22/02

Date: Aug 05, 2021

Sealed Quotations are invited for purchase of **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 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, 1, N.T. Road, New Marine Lines, Mumbai 400 020 |
| Contact Telephone | 022 – 2660 2831, 2660 4759 |
| Deadline of submission | August 12, 2021 |

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 products:

Video Conferencing system

Technical Specifications:

Camera Features:

- 2 Mega pixel sensor for clear and natural imaging in low light conditions
- Support wide field of view (DFOV) 82 °
- focal lens at least 3.8 mm (wide) ~ 47 mm (tele)
- lens F1.8 (wide)~2.8 (tele)
- Smart Frame for automatic FOV adjustment to fit all participants
- True WDR up to 120 dB (with very good backlight compensation technology for optimizing light balance in high contrast conditions)
- At least 18X total zoom (12X optical)
- Pan: ±170°. Tilt: +90° (up) 30° (down)
- Image Mirror, Flip, AE, white balance
- Record both online and off-line meetings
- Support at least 10 camera presets (through remote)

Speakerphone Features:

- Full duplex microphone array with echo cancellation
- Advanced noise suppression
- Support dual microphone array
- AT least 3.5mm phone in jack. Speakerphone should be able to bridge phone and USB into one call
- Speaker volume adjustment: table to at least 90 dBS PL at 0.5 m
- Touch control for volume down/up, mute, phone input, call and hang up
- Bridge phone in and USB connection into one call
- Support Kensington slot

Video Features:

- Video compression format of H.264 YUV, MJPEG
- Network video compression format of H.264
- Below resolution: (16:1920 x 1080, 1600 x 900, 1280 x 720, at 60, 30, 15 fps
- IP streaming resolution (Not for USB video stream): 1080p, 720p, 480p and 360p
- Bit rate: 512Kbps, 1Mbps, 2Mbps, 4Mbps, 8Mbps, 16Mbps and 32Mbps

Network Features:

- Network protocol: RTSP, RTMP
- Support 10/100/1000 Mbps. (LAN, RJ45 interface)
- Support VISCA over IP
- Remote management
- Real-time streaming
- DHCP / Static IP address setting
- NTP Server

General features:

- IR remote control
- 3rd party integration: VISCA, Pelco-P, Pelco-D via RS232 (128 preset points via VISCA command)
- VISCA over IP
- Standard UVC/UAC plug-and-play
- Web UI management
- Bidder should submit original OEM Letter for Camera
- Remote management and software should be provided by the same OEM
- Real Time Streaming and software should be provided by the same OEM. Software should have whiteboard and annotation tools.
- Recording in Picture in Picture(PIP) along with Desktop Application and software should be provided by the same OEM
- The Device should support atleast three Speakerphones or four Microphones
- Compatible for Application such as Zoom, Microsoft® Teams, Skype for Business, Skype, Google Hangouts meet, Intel® Unite™, RingCentral, BlueJeans, V-Cube, LiveOn, CyberLink U Meeting®, TrueConf, Adobe® Connect™, Cisco Webex®, Fuze, GoToMeeting™, Microsoft® Lync™, Vidyo, vMix, WebRTC, Wirecast, Xsplit, etc.

Security: It should support Password Protection and SSL Certificate Import

Certification: It Should be CE Certified

Warranty: 3 years warranty from day one of complete installation

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 (maximum 10)

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.

| Item | Rate per unit (INR) | Taxes (INR) | Qty (total 1) | Total Estimated Cost (INR) |
|-------------|--------------------------------|------------------------|--------------------------|---------------------------------------|
| 1. | | | | |

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 eLearning studio, 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.