Government of India

High Commission of India
Colombo, Sri Lanka

Invitation for quotation from reputed firms having experience in Video Conference Equipment for supply and installing at High Commission of India, Colombo.

The specifications of the equipment may be seen at High Commission of India Colombo web site: www.hcicolombo.Org/. The details & rates shall be sent in sealed covers to the office of the undersigned at 36-38,Galle Road, Colombo 03, latest by 30th September 2016 at 15:00Hrs, which shall be opened at 15:30Hrs on the same day by the purchase committee of the High Commission of India duly constituted for the purpose.

The High Commission reserves the right to accept or reject any of the bid(s). No correspondence in this regard will be entertained.

Suppliers require any clarification, Please write to estt.colombo@mea.gov.in

VIDEO CONFERENCING EQUIPMENT REQUIRMENTS

S.No	MINIMUM ESSENTIAL FEATURES
1.	IP Networks to connect in point to point mode
2.	Support H.264 video protocol, support G.722,G.711 audio protocols
3.	H.281 far end camera control
4.	Built-in acoustic echo canceller with noise reduction
5.	Picture in Picture or side-by-side picture support
6.	Support high definition video resolution of 720p 5fps for video for transmit and receive
7.	H.239 Dual stream for Simultaneously Sending/Receiving content/ Presentation along with HD live video on two different monitors.
8.	Should have required video and audio outputs to connect with two LCD/LED TV/Monitors as specified in item 5 &6 with 5mts & dual monitor mode.
9.	Video input to connect A HD PTZ (Pan-Tilt-Zoom) camera of 720p resolution.

10.	Input to connect a Laptop/PC at Minimum XGA resolution (1024x768) or more along with 5m cable.
11.	Motorized Pan Tilt Zoom HD camera of 720presolution along with 5m cables. Camera should be controllable from hand held remote control of the VC system and shall have minimum 10x optical zoom. Mounting structures required to mount the cameras on top of LCD/wall should also be supplied. The HD camera should be capable of working in normal illumination conditions.
12.	High quality microphones with echo cancellation along with minimum 7.5m cable for pickup from 5 feet or more distance.
13.	Input to connect additional Microphone for better audio pickup.
14.	Support additional/external high quality microphone with 7.5mts cable.
15.	One line level Auxiliary audio output to connect with external audio input to connect with external audio system.
16.	Interface to record the on-going video conferencing session along with mixed audio.
17.	Hand held remote control with operating distance of 20 feet.
18.	Auto sense Ethernet port (LAN) for connecting to IP network.
19.	Static IP and DHCP IP addressing
20.	Support IPv6
21.	Behind Network Address Translation (NAT) Firewall traversal.
22.	Global Directory-Display of active participants / H.350/LDAP protocol.
23.	Sending SNMP alerts for various events.
24.	E.164 dialing using H.323 Gatekeeper
25.	Easy Software upgrades through LAN port/USB port.
26.	Web based Management for video conferencing endpoint.

27.	Interoperable with H.323 compliant High Definition/Standard Definition VC systems/MCU
28.	ISDN connectivity at minimum of 384kbps either by adding ISDN BRI interface or by activating necessary software licenses.
29.	Multipoint feature with at least 1+3 sites on ISDN/IP.
30.	Mounting structures required to mount the set-top VC system on top of LCD/wall should also be supplied.
31.	Operating conditions 230 volts, 50 Hz and PAL video standard.
32.	Video input format: HDMI / DVI