



Mahatma Gandhi University, Kerala

NOTICE INVITING TENDER

Tender No. 18152/SYS MNGR & COM PGMR/2019/CETEX

Date: 21/11/2019

The Registrar Mahatma Gandhi University, Kottayam, invites online bid (technical & financial bid) for the procurement of Video conferencing endpoint at Vice Chancellor's Conference Room. The period of the tender is **180** days from the date of tender.

Sl No	DESCRIPTION OF ITEMS	
1.	Name of the Equipment	Implementation of Video conferencing endpoint at Vice Chancellor's Conference Room.
2.	Tender submission fee	Rs. 700 /- +GST
3.	Earnest money deposit (EMD)	Rs. 3500 /-
4.	Period of supply and installation	Within 30 days from the L/C Opening Date
5.	Mode of submission of Bid	Online
6.	Tender Documents	Can be downloaded from the website www.etenders.kerala.gov.in
7.	Last date and Time of submission of tender by online	30/11/2019 4 PM
8.	Date and time of opening of technical bid	03/12/2019 11AM

General tender documents and tender schedule can be downloaded in A4 plain size paper free of cost from the web site www.etenders.kerala.gov.in

DOCUMENTS TO BE SUBMITTED THROUGH ONLINE ALONG WITH BID

1. Scanned copy of valid Registration Certificate & Dealership Certificate
2. Scanned copy of duly filled e-payment form
3. Scanned copy of other certificate/certificates required, if any, for tender acceptance
4. Scanned copy of duly filled preliminary agreement in stamp paper of Rs. 200/-
5. BOQ

SPECIAL CONDITIONS

- 1) The price quoted in the BOQ should be inclusive of all taxes, freight, loading & unloading / installation charges.
- 2) Scanned copy of brochure of different models quoted should be enclosed.
- 3) **Warranty, AMC conditions**, nearest servicing centers details, user reference and supporting catalogues should be provided (soft copies).
- 4) The Delivery Schedule, Payment Terms & Warranty/Guarantee etc. must be clearly indicated in the technical bid.

The bids will be opened at the date and time specified. Further details can be had from the *Administration B4 Section* on all working days during working hours. The bidders are advised to submit their bid well in advance to avoid any kind of network issues. The bidders are advised to submit their bid well in advance to avoid any kind of network problems. The under signed reserves the right to reject any or all the tender without assigning any reason whatsoever.

Sd/-
Registrar

Technical Specification of Video conferencing endpoint

1. Multipoint Bridge

Nos: 1

Video Support : HD continuous presence up to 1080p/60fps
codecs – H.261, H.263, H.263+, H.264, H.264 SVC, H.264 High-Profile
Video Bandwidth -up to 6 Mbps
Signaling Protocol :H.323,SIP
Audio Support :Codecs-Codecs – G.711, G.722, G.722.1, G.729, MPEG4 AAC-LD
Security:Media Encryption (H.323,SIP): AES-128, AES-256
Network Features:H.323 and SIP bandwidth up to 6Mbps,IPv4 and IPv6 support

2. Camera

Nos: 1

1080P60 ZOOM CAMERA
Wide-angle zoom lens with 70-degree field of view
10x optical zoom
Auto focus/automatic gain control
10 camera presets (near or far end)

3. LED Screen 55 ” or above

Nos:4

Display Feature - Full HD
Display Resolution – 1920x1080
Aspect Ratio – 16:9
Audio – 2 speaker 10w X2
Connectivity – Hdmi - 2, Usb -1, Composite -2, Video Input -1, Audio Out-1

4. Dual boundary Mic

Nos:4

2x BoundaryMicTransmitter
2x ReceiverUnit
Frequency Response –20Hz to 20KHz
Operating Frequencies –2.4Ghz
Total Harmonic Distortion<0.05%typical

5. Powered Speakers with Wall mount

Nos:2

Powerful rare-earth magnet loudspeaker
Power: 150wRMS or above
FrequencyResponse:90Hz- 20Khz±3dB
Volume adjustable to 90 dB SPL at ½ meter peak

6. DSP (Digital Signal Processing)

Nos:1

Number of channels :4
Maximum rated output:60W
Full digital processing on inputs and outputs
Onboard acoustic echo cancelling

7. Camera Stand

Nos:1

Tripod Camera Stand -2feet to 5 feet adjustable
Load capacity: Approx. 3.00Kg
Adjustable height and three-way head allow for creative camera angles

8. Equipment Rack 15U or above

Nos:1

Floor mount with four wheels & Stopper
Cable manager
8 Power Socket
Front Door: Lockable Toughened Glass Door

9. 8 port network switch

Nos:1

10. Accessories connecting to all the above devices should be provided

**NB:The above devices should support existing polycom RMX
2000 MCU**