

NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA-136119

No. CCN/2018/251/5256

Dated: 16/10/18

M/s Institute Website

**Sub: INVITATION OF QUOTATIONS FOR VIDEO CONFERENCING SYSTEM**

1. You are invited to submit your most competitive quotation for the following goods:

Sr.No.	Brief Description & Specifications of Goods	Quantity
1.	Video Conferencing System (Detailed Specifications are attached)	05 Nos.

2. Necessary literature of the goods may please be sent to facilitate to take decision.

3. Payment will be made Online through RTGS/NEFT within 30 days after receipt of material in good condition and according to specifications and installation of the same. The Bank detail for making online payment may be indicated in the quotation.

4. The supplier shall deposit Earnest Money along with the Quotation amounting to Rs. 20000 /- in shape of Accounts Payee Demand Draft/Fixed Deposit Receipt/Bankers Cheque or Bank Guarantee from any scheduled commercial Bank in favour of the Director, National Institute of Technology, Kurukshetra. The Quotations without Earnest Money shall be rejected, the EMD will remain valid for a period of 45 days beyond the final validity period of quotation.

5. Performance Security @ 5% of the total value of the equipment must be furnished in shape of Demand Draft/Fixed Deposit Receipt or Bank Guarantee from any scheduled Commercial Bank in favour of the Director, NIT Kurukshetra valid upto 60 days after the date of completion of warranty by the successful bidder.

6. The items must be supplied within delivery period or delivery period extended by the Institute on the request of the supplier on genuine grounds otherwise the penalty for delayed period @ 0.5% of the amount shall be charged for every week or part thereof and the maximum 10%. The request for extension of delivery period (if any) must be made before the last date of supply as per P.O.


7. The goods are required not exclusively for Research Purpose. The Duties are payable by the Institute.

8. The quotation should remain valid for a period not less than 90 days from the date of submission.

9. The firm must have got GST No. printed on their quotation

10. The right of accepting or rejecting any quotation and to cancel the bidding process and reject all quotations without assigning any reason is reserved with the Institute.

11. The due date for receipt of quotation is 01.11.2018 and will be opened on next working day. Please quote on the top of the envelope our Ref. No. and due date of opening.

  
Prof-Incharge (Stores)

## Specifications for Video Conferencing System

Sr. No.	Item Name	Specifications
1	Package	Full HD 1080p camera (Integrated or External), HD 1080p Codec, Microphone, Cables, and Wireless Remote Control
2	Protocols	H.323 and SIP Compliant
		H.263, H.264. The system should support higher Video Compression protocols such as H.264 High Profile/H.265
		H.239, BFCP
		H.263 & H.264 Video error concealment
		G.711, G.722.1, G.722.1C audio protocols
		H224/H.281, far end camera control
3	Video Inputs	It should have 1 x HD Camera Interface or 1 x Integrated Camera
		It should have another inbuilt 1 x HDMI/DVI/VGA port for Connecting PC
4	Video Outputs	It should have atleast 1 x HDMI/DVI ports to connect display.
5	Main Video Resolutions	Shall work in high definition video resolution of 1080p30fps for live video
6	Content Resolutions	The system should support 1080p15fps content
7	Camera	Full HD 1080p 30 fps
		Zoom - 4X or more
		Field of View - 80 Degrees or Higher Horizontal FOV, Autofocus, Auto Exposure, Auto White Balance
8	Audio Inputs	It should support integrated Mics and 1 nos of Omni Directional Microphones. One Table Mic should be supplied from day one.
9	Audio Outputs	It should have atleast 1 x HDMI/3.5mm/RCA Stereo Line-Out port
10	Network	Should have 10/100 Mbps auto speed Ethernet port
		Support Data Rate of 4 Mbps or more on IP (H.323 and SIP).
11	Other Features	Should support H.460.X Firewall traversal protocol
		AES Encryption
		Directory support
12	Power	Should operate on 230v, 50 Hz Power supply

## Terms & Conditions

1. This is a turnkey project and includes supply, installation, configuration, testing and commissioning of the supplied components.
2. Three- Years on site warranty on all the items.
3. Complete technical details/data sheets and brochures should be provided along with the quotation.
4. Delivery Period: six weeks from the date of Purchase order, failing which PO may be cancelled. The bidder should clearly mention the time for the validity of quotation, delivery and installation of the components.
5. Bidders should attach the mandatory Manufacturers Authorization letter from OEM against the quotation to ensure the warranty & support from OEM. In absence of this letter, their bids will be summarily rejected.