

**Indian Institute of Technology Kanpur**  
**Department of Industrial and Management Engineering**

Enquiry No.: IITK/IME/CER/CAM/1  
Date: 18th July, 2018

To,

M/S \_\_\_\_\_

**Subject: Quotation for System Comprising HDX PTZ Camera (with remote controller), FHD Camcorder, Microphones with receivers, Switcher, Audio Mixer, Recorder and Installation for Lecture Recording**

We are interested in purchasing System Comprising HDX PTZ Camera (with remote controller), FHD Camcorder, Microphones with receivers, Switcher, Audio Mixer, Recorder and Installation for Lecture Recording having following specifications. You are requested to send your sealed quotations along with compliance report, for the products listed below, as per given specifications. The envelope must be inscribed with “**Quotation for System Comprising HDX PTZ Camera (with remote controller), FHD Camcorder, Microphones with receivers, Switcher, Audio Mixer, Recorder and Installation for Lecture Recording**”. Last date for submission of bid is **20th August 2018 (1730 hrs)**.

Specification	Description
<b>A. HDX PTZ camera (Indoor) (Qty: 1)</b>	
<b>Pan</b>	360 degree Endless
<b>Tilt</b>	Min. 150 degree
<b>Zoom</b>	Min. 10X loseless optical zoom
<b>Resolution</b>	1920 x 1080 (2 megapixel)
<b>Auto Tracking</b>	Yes
<b>Live RTMP/RTSP Streaming support</b>	Yes
<b>Video Output</b>	HDMI, 3G-SDI, H.264, H.265 and MJPEG
<b>Audio Embedding</b>	Yes
<b>Connectivity</b>	Ehternet, HDMI, 3G-SDI, USB
<b>Camera Control</b>	RS-232, RS-485
<b>Remote Controller</b>	Yes
<b>Power</b>	PoE high power, or 24 VAC
<b>Warranty</b>	1 Year
<b>B. FHD Camcorder (Qty: 1)</b>	
<b>Make</b>	Panasonic/Sony/Canon/Nikon

<b>Resolution</b>	1920 x 1080
<b>Zoom</b>	Min. 10X loseless optical zoom
<b>Microphone (Shotgun)</b>	Yes (make: Rode/Studiomaster/AKG/Sennheiser/Audio Technica)
<b>Microphone holder</b>	Yes
<b>Connectivity</b>	HDMI, USB
<b>Warranty</b>	1 Year
<b>C. Recorder (Qty: 1)</b>	
<b>Make</b>	BlackMagic/Avermedia/Sony/Panasonic
<b>SDI Video input</b>	1
<b>SDI Video outputs</b>	2
<b>HDMI video input</b>	1 (HDMI type A)
<b>HDMI video output</b>	1 (HDMI type A)
<b>HDMI audio outputs</b>	2 channels
<b>HDMI audio inputs</b>	8 channels embedded in SD and HD
<b>SDI audio inputs</b>	16 channels embedded in SD and HD
<b>SDI audio outputs</b>	16 channels embedded in SD and HD
<b>Media Support</b>	2 * SSD for SD and HD recording
<b>Warranty</b>	1 Year
<b>D. Audio Mixer (Qty: 1)</b>	
<b>Make</b>	Sony/Studiomaster/BlackMagic
<b>Number of channels</b>	6 mic/line
<b>Band EQ per channel</b>	3
<b>L/R pan pot, clip LED per channel</b>	Yes
<b>Headphone output</b>	Yes
<b>Signal to Noise ratio</b>	min. 65dB
<b>Warranty</b>	1 Year
<b>E. Switcher (Qty: 1)</b>	
<b>Make</b>	Avermedia/Blackmagic/Panasonic/Sony
<b>Total video inputs</b>	8
<b>Total outputs</b>	8
<b>Total AUX output</b>	1
<b>Total Audio inputs</b>	2 * XLR
<b>SDI video inputs</b>	4 * 10-bit SD/HD swichable
<b>HDMI video inputs</b>	4 * HDMI typeA, 10-bit SD/HD swichable
<b>SDI programme outputs</b>	5 * 10-bit SD/HD swichable
<b>Built-in contraol panel</b>	Yes

<b>Ethernet support</b>	Yes
<b>OS Support</b>	Windows 8.1, 10, Macintosh
<b>Warranty</b>	1 Year
<b>Microphone with receivers (Qty: 2)</b> (make: Studiomaster/AKG/Sennheiser/Shure/Audio Technica)	
Large Diaphragm Unidirectional Vocal wireless microphone (Qty: 1)	
Wireless Clip Collar microphone (Qty: 1)	
Receiver range : min. 10 meters	
Warranty: 1 Year	

**Terms & Conditions:**

1. The price of each item (A, B, C, D, E) should be quoted separately exclusive of GST along with GST rate on each item (Any item can be cancelled at any time). Please quote additional 2 Years warranty for each item separately.
2. Quotation must be valid for 60 days, in case of import this should be valid for 90 days
3. All prices are to be for **IIT Kanpur**.
4. Please provide official e-mail id for conversation post quotation opening.
5. Delivery period must be within 4 weeks from purchase order date.
6. The institute is exempted for payment of Excise duty under notification No. 10/97 & partially custom duty (@5.15%), under notification 51/96 and a road permit will be provided, if applicable. The Concessional Form 'C/D' have been abolished w. e. f. Apr 01, 2007.
7. Our standard payment terms and conditions is **90%** on installation and **10%** after inspection and approval.
8. The **penalty** @1% per week or part thereof subject to max 10% of the delivery price will be deducted from the balance payment, if supply is not completed within aforesaid delivery period.
9. Preference will be given to only those vendors who have Service/ Repairing center stationed at Kanpur (Single point of contact in Kanpur for any service related issues).
10. No Call Locking will be entertained (in/out stationed). If at all it is required then it will be performed by local Maintenance Engineer.
11. Testing of the product onsite is mandatory.
12. It is mandatory to quote for above given optional, else the quotation may be rejected.
13. Reporting time should not be more than 2 hours.
14. Resolving time should not be more than 2 days.
15. At any time prior to the deadline for submission of bid, the Institute may, for any reason, at its own initiative, modify the bid document by amendments. Such amendments shall be uploaded on the website through corrigendum and shall form an integral part of bid document. The relevant clauses of the bid document shall be treated as amended accordingly. It shall be the sole responsibility of the prospective bidders to check the website from time to time for any amendment in the tender document. In case of failure to get the amendments, if any, the Institute shall not be responsible for it.
16. A higher warranty may be given preference.
17. The Institute reserves the right for accepting and rejecting any quotation without assigning any reason thereof. Also, The Institute reserves the right to reject or accept all or any of the offer made above.
18. IIT Kanpur has the right to accept the whole or any part of the tender or portion of the quantity offered or reject it in full without assigning any reason.

19. Vendors are requested to quote only in Indian currency (Rupees). If the vendor wants to quote in an alternate currency, the vendor should seek an explicit permission from the department before sending the bid.
20. If all or any of the components of the equipment is/are to be imported, the vendor holds its full responsibility for its delivery at IIT Kanpur and that too in the stipulated time period. If for any reason the vendor does not want to deliver to IIT Kanpur, the vendor needs to seek an explicit permission from the department, before sending the bid.
21. Maximum educational discount should be offered wherever applicable.

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