

**CENTRE FOR CONTINUING EDUCATION**  
**INDIAN INSTITUTE OF TECHNOLOGY MADRAS**  
Chennai – 600 036.

Dated: 23<sup>rd</sup> June 2017

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Quotations are invited from Original Equipment Manufacturers or their authorized Dealers with Service support. (Dealers should attach authorized dealership certificate for Broadcast quality/Pro video equipment from the OEM Manufacturers), for the following equipment. Previous experience of having sold and installed, identical or higher version systems, in the past 1 year with evidence, to be attached.

Quotes should reach the office of "The Chairman, CCE, IIT Madras",

**Tender Due Date & Time : 07.07.2017 05.30PM Tender Opening Date : 12.07.2017**

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PTZ - Full HD Video cameras = 2 Nos.

Video Camera Specifications:

PTZ (Pan-tilt-zoom) remote control camera with full HD (Full High Definition- 1080) 1/2.8 type CMOS or MOS sensor.

Capable of delivering full HD (1920 x 1080) images with extremely low noise, even under harsh lighting conditions.

Video output:-  
HD-SDI

Camera optics : 30x or more optical zoom

Camera Preset : more than 50 preset camera positions.

Desktop & Ceiling mountable

PTZ Video camera controller = 1 Nos.

PTZ (Pan, tilt, zoom) video camera controller compatible with the above mentioned cameras.

Full HD Production Switcher = 1 No. Compatible with the above mentioned cameras.

Production Switcher.

Minimum Video inputs: - HD-SDI = 2 Nos. to connect 2 Nos. PTZ video cameras.

HDMI = 2 Nos. to connect Laptop for presentation.

Full HD support 1920 x 1080

Multi-view Monitoring – to see at least 4 input sources and outputs on a single large screen.

Video streamer for live video streaming over Internet.

External Full HD video recorder – 1 No. (compatible with the above mentioned switcher)

To record in .MOV and .mpeg-4 files. (Please specify the other formats the recorder is capable of recording)

Video Display for switcher – 1 No. (compatible with the above mentioned switcher)

Large screen HD TV compatible with the above mentioned switcher,

Microphones set :-

Cordless lapel microphone – 2 sets

Handheld microphone – 1 set

Installation of all the above mentioned equipment as a single system.

All the above equipment should be presented as a complete system for Video recording and video streaming, including ceiling mounting of cameras, connecting cables, installation, training of staff .....etc., as shown in the diagram attached herewith.

Payment terms : Payment will be made against delivery and complete installation of the whole system.

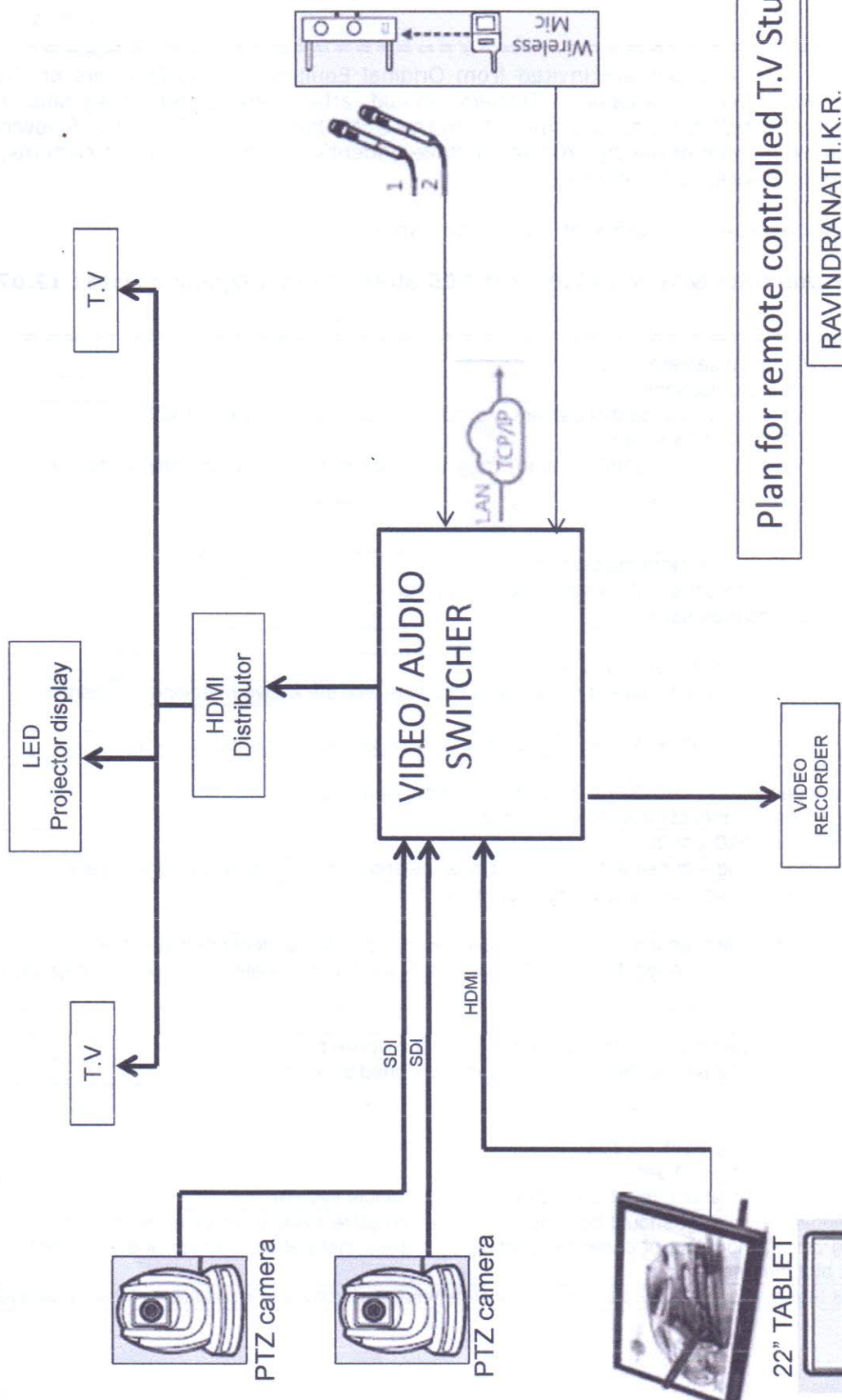
*A. Ramesh*

**Prof. A. RAMESH**

CHAIRMAN

CCE & QIP CO-ORDINATOR  
INDIAN INSTITUTE OF TECHNOLOGY MADRAS  
CHENNAI - 600 036. INDIA

# CENTRE FOR CONTINUING EDUCATION I.I.T MADRAS



Plan for remote controlled T.V Studio

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 Prof. A.R. RAMAKRISHNAN