

Phone : 22545400/5433/5434

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH

Taramani P.O., Chennai 600 113

**[Government of India, Ministry of Human Resource Development
(Dept. of Education)]**

No. NITTTR/CEMT/SWAYAM/2017-18/Recorder

Date: 20.09.2017

To

Delivery required by :

**Centre for Educational
Media & Technology,
NITTTR, Chennai - 600 113**

QUOTATION DUE DATE

a. Please send your quotation within the due date on sealed envelope on or before:

Date: 06.10.2017

b. Delivery required at NITTTR, Chennai : **immediately**

Sl. No.	Description of Items	Material Code	Approximate Quantity Required
1	Digital Audio Video Recorder with all required accessories and as per the technical specifications enclosed.		2 Nos.

Note: Sales tax and any other charges if any should be mentioned separately in the quotation. Mention **TIN** No. of your company. The Warranty, validity and Make of the quoted item should be mentioned clearly.

Cover should be addressed: (Ref. No. should be written on the sealed cover)

Name : **Professor & Head i/c, Centre for Educational Media & Technology,**
National Institute of Technical Teachers' Training and Research
Taramani P.O., Chennai 600 113

(For terms and conditions please see overleaf)

DIRECTOR

TERMS & CONDITIONS

- 1 The quotation must specify the period within which the supply could be effected from the date of receipt of firm orders.
- 2 Quotation received after the due date mentioned on the reverse will not be considered.
- 3 Your quotations should be for materials strictly in accordance with the specifications shown. In case you are offering substitutes state clearly the exact specification etc. of the materials offered. Drawing sketches or any other technical data should be submitted separately.
- 4 The prices quoted should clearly specify charges for delivery of the goods to destination indicated overleaf.
- 5 The prices quoted should include all packing costs and it will be assumed that packing materials (cases etc.,) are non-returnable unless otherwise stated.
- 6 Sales tax or any other taxes if applicable should be shown separately giving the full rate of taxes for each items giving ex-incidence of such levies.
- 7 The Director reserves the right to accept the whole or part of any quotation without assigning any reason and the lowest or any quotation, will not necessarily be accepted, and the Director's decision shall be the final.
- 8 Samples must accompany the quotation when so specified or within two days when asked for later.
- 9 If it is discovered that the materials supplied are not exactly according to the specification, the entire stock will be rejected.
- 10 We reserve the right to inspect the goods offered at any stage of manufacture / supply at your premises.
- 11 Any dispute arising out of or relating to this Enquiry shall be deemed to have arisen in Madras and is subject to adjudication of the Madras Courts.
- 12 Rates quoted once will remain firm for that particular dealing.
- 13 The quotation should be kept valid for a period of 60 days from the date of opening for acceptance.
- 14 Payment will be made after confirmation on receipt of the materials in good condition at this institute (normally within 30 days). Advance payment will not be entertained at any circumstances.
- 15 Printed conditions of the firm sent along with quotation form if any, shall not be binding on us.
- 16 In case of Printing the Proof should be got approved before final strike.
- 17 Materials should be supplied at this institute in good condition.
- 18 Price quoted by the suppliers accepted by the Director is final, and no deviation therefore will be accepted without the Director's agreement in writing.
- 19 If the rates are under D.G.S. & D. Please specify the same clearly enclosing necessary documents.

Enclosure

Technical Specifications

Video Formats	4K 4096 x 2160p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 Ultra 3840 x 2160p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 2K 2048 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 HD 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 HD 1080i 25, 29.97, 30
Codec	Apple ProResolutions 4444, Apple ProResolutions 422 HQ Avid DNxHD HQX 220x Avid DNxHD SQ 145
Codec Container	Apple ProResolutions .MOV AVID DNX MXF or .MOV
File System Support-	HFS+, exFAT
Removable Storage	2 x SSD Pak-Adapt-eSATA Pak-Adapt-CFast
Video Input	4x 4K 3G-SDI, SMPTE-292/296/424, 1x HDMI standard type A connector HDMI v2.0
Video Output Digital	4 x 3G-SDI, SMPTE-292/296/424, 1x HDMI standard type A connector HDMI v2.0 Compatible
Audio Input Digital	16-Channel, 24-bit SDI/Fiber embedded audio, 48 kHz 8 Channel, 24-bit HDMI embedded audio, 48 kHz 8-Channel, AES/EBU via 8-Channel, 24-bit A/D analog audio, 48 kHz
Audio Output Digital	16-Channel, 24-bit SDI/Fiber embedded audio, 48 kHz 8-Channel, 24-bit HDMI embedded audio, 48 kHz 8-Channel, AES/EBU 8-Channel, 24-bit D/A analog audio 2-Channel unbalanced 2 x RCA connectors
Time code	SDI RP188/SMPTE 12M via SDI BNC LTC input (1 x BNC) LTC output (1 x BNC)
Reference Input	2 x BNC Black burst or tri-level sync
Network Interface	10/100/1000 Ethernet (RJ-45)
Remote Control	RS-422, 1 x DE-9 female connector, Sony 9-pin protocol
Monitor	Built in Large 1280 x 720 TFT LCD display with Video Monitor And Menu/Status Overlays
Power	Dual, redundant, 5.4A max, 35W-60W typical-65W Max100-240 VAC 50/60 Hz (adapter12-18Vdc 4-pin XLR

Accessories

Storage	PAK1000 SSD Storage disc for recording
External storage	PACK eSATA Module
Cable	e SATA cable
External storages,	6TB External HDD based storage with connectivity e Sata Connectivity and USB 3.0 and thunderbolt