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**NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH**  
(Formerly Technical Teachers' Training Institute)  
(Southern Region) Taramani P.O., Chennai 600 113  
[Government of India, Ministry of Human Resource Development]

**Dept. of Engineering Education**

No.EEDN/PUR/VP/2017-2018/1

Date: 05.02.2018

To

**Delivery required by :**

**Dept. of Engineering Education,  
NITTTR, Chennai 600 113**

**QUOTATION DUE DATE**

a. Please send your quotation within the due date on sealed envelope on or before: 19.02.2018

b. Delivery required at : NITTTR, Taramani, Ch - 113

Sl. No.	Description of Items	Quantity Required
1.	<b>Visual Presenter</b> <b>(Specification in Annexure-1)</b> <b>Note:</b> 1. Mention warranty period for the item 2. Indicate the reference No. and the last date on the envelop 3. TIN, TNGST & CST Registration No. must be furnished (enclose Pamphlets, if any) 4. As per Ministry of Finance, Govt. of India Notification No. 45/2017 - Central Tax (Rate), dt 14.11.2017, we are eligible for GST @5%	1 No

**Cover should be addressed:**

Name : **Dr. S. Renukadevi**  
Professor and Head,  
Department of Engineering Education,  
National Institute of Technical Teachers' Training and Research  
Taramani P.O., Chennai 600 113

(For terms and conditions please see overleaf)

  
for **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.

<b>CAMERA</b>	
Image pick-up device	CMOS Technology
Total pixels	2M pixels
Effective pixels	1,920(H) x 1,080(V)
Frame rate	30 fps
Resolution	HD (1920 x 1080) RGB Output
	16:9 Aspect Ratio
	750(H) TV Lines Video Output
<b>OPTICS</b>	
Optical Zoom	12X
Digital Zoom	10X
Lens	F1.6~3.7, f3.9~46.8mm
Shooting area	380 x 285 mm (Landscape)
Focus	Auto / Manual
<b>FUNCTIONS</b>	
Graphics Interface	Provided
Computer Interface	USB with Software
Split Screen	Provided
White Balance	Auto / Manual
Negative/Positive Conversion	Provided
Image Memory	128 images
Mirror Image	Provided
Colour/B&W Selection	Provided
Freeze (Pause Mode)	Provided
Rotation	0°/90°/180°/270° Image
	Provided [ 350° (H/V) ] Camera
<b>INPUT/OUTPUT</b>	
HD Output	HDMI
Video Output	Composite(x1)
RGB Output	Provided (x2)
Audio Output	Provided (x1)
RGB Input	Provided (x2)
Audio Input	Provided (x2)
Mic Input	Provided (x1)
HDMI Input	HDMI
USB 2.0 Port	Provided (x1)
<b>LIGHTING</b>	
	Provided (Twin LED lamp) Upper light unit
	Backlight (210 x 297 mm) Base Light
<b>OTHERS</b>	
Dimensions	510 x 410 x 120 mm
Weight	5.5 Kg
Power Source	100-240V, 50/60 Hz AC
Operating Temperature	0 - 40°C