

# GOVT. COLLEGE OF ENGINEERING AND RESEARCH, AWASARI

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No. GCOEARA/Store/2016-17/ 1874.

Date: 30 JUN 2016

To,  
HOD- Computer Engineering for display on College Website


Subject : Quotation for Supply of Equipments ( for E & TC Engineering )

Please send your quotation for the following items on the terms and conditions listed below, mentioning our reference letter number, date and due date of quotation on your sealed envelop, on or before **11.07.2016** at 4.00 P.M.

Sr.No.	Specification	Qty.	Unit
1	Colour TV Trainer	1	No.
2	Colour Pattern Generator	1	No.
3	DTH System	1	No.
4	LED Television Trainer Display Type	1	No.
5	DVD Trainer PLL based clock synthesizer (27 Mhz)	1	No.
<b>(Detail scope of supply is as per enclosed sheet)</b>			

### Terms & Conditons

- 1 Taxes – Inclusive / if extra clearly mention the percentage.
- 2 Delivery period –
- 3 Payment Terms –
- 4 Quotation Validity –
- 5 Warranty -
- 6 Guaranty-
- 7 Delivery Charges – Free / if extra mention clearly.
- 8 The part supply and its bill will strictly not be entertained.
- 9 If you fail to supply the stores within the specified period, the order will be treated at cancelled without any information.
- 10 The material will be accepted subject at approval(after inspection of the material),If rejected it will be returned to you at your cost.
- 11 The material to be supplied should be strictly according to the specification only.
- 12 Octroi is not applicable since Institute is located in Gram Panchayat area.
- 13 Please attach copy of your shop registration certificate alongwith your quotation, without which your quotation will not be accepted.

  
(Prof. S.V. Joshi)  
I/c Principal

Govt.College of Engineering & Research Awasari  
Awasari(khurd)

**Government College of Engineering and Research Awasari(Kd) Tal.Ambegaon**

**Department of Electronics and Telecommunication**

Sr.No	Name of the Equipment to be procured (consolidated for entire office )	Quantity to be purchased.
1	<p><b>Colour TV Trainer :</b> Color TV trainer Kit 21" with Faults creating switches &amp; test points System: CCIR-B-PAL-G, 625 lines. Power supply: 23 V AC, 50Hz. R-F input impedance 75 ohm System control circuit. Regulation range: 170v ac to 270v ac video gain sensitivity: 55db sound out put: 10.0 watts or more. Screen size: 21" diagonal Colour switch and sound muting switch. Isolated shock proof chassis Built in acrylic cover in SMPS section for Protection from high voltage hazard. Desirable degaussing instrument channels: above 200, 2-4 VHF I (VL), 5-12 VHF III (VH), 12-100 Band IV &amp; V Circuit blocks: system control circuit, video If ,sound section, Tuner section, horizontal Oscillator, Horizontal output, vertical Oscillator, vertical output, video &amp; chroma Section, power supply, AV sections, on screen Display to set: Volume, brightness, contrast, color, channel&amp; Band selection, tuning. Panel control: on-off switches and by Menu, vol +/-, Prog. +/-6. Remote control function: volume ,brightness, vertical hold, linearity Stand by, color, contrast, channel Selection, Audio mute, AV mode, zoom, swap , scan, child Lock, amplitude horizontal hold. No. Of faults: 30 or more. No. Of test points: 20. or more, IF frequency: video-38.9 MHz, audio-33.4 MHz Speaker size (mm): 50xi25 Accelerating potential: 24 kvmax. Operating voltage for EHT: 110V. Power supply: SMPS Antenna coaxial socket or any better specifications .</p>	1
2	<p><b>Colour Pattern Generator :</b>Video output ,Sound output, 75 db attenuator in 5 steps chroma section PAL std. V H sync output, Rhombus pattern , 8 color bars , , linearity pattern , checker board pattern, crosshatch pattern, dots pattern , white , Red, blue, green Magenta, cyan, yellow, Black, decoder pattern .</p>	1
3	<p><b>DTH System.</b> Understanding Of DTH System. Settop box Along with ELB with dish Trainer kit shall demonstrate principle of DTH system.</p>	1
4	<p>LED Television Trainer Display Type: Wi-Fi/Smart LED, HD,PAL/ NTSC video formats Screen Size: 80cm, Display Resolution: 1366 X 768 pixels Contrast Ratio: Mega Contrast Ratio Display Color: 16.7 Million Display Colors Viewing Angle: 170 (H) X 170 (V) Refresh Rate: 50 Hz Video Interface: Video Input/ VGA input Audio Interface: RCA L &amp; R Audio Output Power: 8W X 2 Receiving System: PAL , SECAM and NTSC Channel Coverage: VHF-2-12; UHF21-69; CATV (X~Z+2, S11S41) Antenna Impedance: 75W Unbalanced Wi-Fi Connectivity Other Connectivity: RF In, AV In, VGA In, VGA Audio In, AV out, SPDIF, LAN Composite A/V, Component Video, Analog Audio Test Points: 55 nos, Switched Faults: 50 nos Dimension: W430 X D252 X H82 Included Accessories: Remote, Mains cord, 25 Pin D type cable,15 Pin D type cable each 1 no.</p>	1
5	<p><b>DVD Trainer PLL Based clock synthesizer (27 Mhz),</b> Demonstration model of DVD player with various test points for wave form tracing with fault creation facilities.</p>	1