



COIMBATORE INSTITUTE OF TECHNOLOGY

(Government Aided Autonomous Institution)

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (PHASE - III)

(Sub Component - 1.3 - Twinning Arrangements)

NPIU
National Project Implementation Unit

Correspondent
Dr.S.R.K.Prasad
D.Sc.,(USA)

Principal
Dr.V.Selladurai M.E.,Ph.D.,
FIE, FIIE, Sr.M (ORSI), LM(SS1)

Dr.V.Manikandan
TEQIP Coordinator

01st February, 2021

E-PROCUREMENT NOTIFICATION

Dr.K.Ganesamoorthy
Nodal Officer -
Academic

Ref: TEQIP-III/2021/TN/citc/106

Coimbatore Institute of Technology, Coimbatore invites two bid system (Part I – Technical bid & Part II- Price Bid) from eligible bidders for supply of goods given below

Dr.T.Balakumaran
Nodal Officer -
Finance

S.No	Name of the Goods	Quantity
	Lecture Capturing Systems	45 Nos (Approx.)
1.	<u>Specification</u> <ul style="list-style-type: none"> ▪ 10.1 inch interactive pen and full color touch display ▪ Mini PC with Intel Core i3 4th Gen Processor ▪ Webcam ▪ 60 Watts Power Amplifier ▪ wall mounted speakers ▪ Wireless Microphone with Receiver 	

Dr.V.Nagarajan
Nodal Officer -
Procurement

Dr.V.G.Srisanthi
Nodal Officer -
Equity Assurance
Plan

Bids have to be submitted through e-Procurement portal only. Interested Genuine Bidders may obtain further information through teqip@cit.edu.in Tender Inviting Authority reserves right to accept/reject/cancel tender/bids without assigning any reason.

Dr.S.Shanmugam
Nodal Officer -
Civil Works

Tender ID

Contact Address:
Civil Aerodrome(PO)
Coimbatore - 641 014
Tamilnadu, India
Tel : +91 - 422 - 2574071/72
Fax : +91 - 422 - 2573187
E-Mail :
teqipcit@gmail.com
teqip@cit.edu.in
Web: www.cit.edu.in

2021_WBNPI_613116_1

Bid Submission End Date

27-Feb-2021 05:00 PM

Handwritten mark

Handwritten signature
PRINCIPAL

LECTURE CAPTURING SYSTEM (LCS)

TECHNICAL SPECIFICATIONS

1.Name of the Item Touch Display & Pen

Quantity Required 45 Nos

Description	Particulars
Dimensions	11.0 x 8.3 x 0.6 inches (or) 280 x 210 x 16 mm
Stand inclination	15° integrated stand
Power supply	AC 100 ~ 240 V, 50/60 Hz
Power consumption	10 W (full loading), Power Save mode: 0.5 W or lower, Power OFF mode: 0.5 W or lower
Communication interface	USB 2.0 & USB 3.0, HDMI
Supported operating systems	Windows 10 / 8.1 / 7 (32-bit, 64-bit)
LCD Panel Type	AHVA (Advanced Hyper-Viewing Angle)
Touch Input	Yes
Cover glass surface	Tempered AG etched glass
Aspect ratio	16:9
Native resolution	1920 x 1080 pixels
Video input	HDMI
Viewing angles (horizontal/vertical)	170° / 170°
Colors	16.7M colors
Luminance (brightness)	0.13 cd/in ² / 200 cd/m ² (typical)
Contrast ratio	1000:1 (typical)
Technology	Electromagenetic Resonance (EMR)
Screen dimensions	10.1" diagonal (8.8 x 5.0 inches / 223 x 126 mm)
Coordinate resolution	2540 lpi
Coordinate accuracy	±0.02 inches / ±0.5 mm (center)
Report rate	200 points per second
Pressure levels	1024
Reading height	0.2 inches / 5 mm (center)
Pen storage	Integrated pen compartment, pen stand
Security lock slot	Yes, Kensington
Mounting system	VESA 2.95 inches / 75 mm
Signature software compatability	Compatible with signature / eSign software and PDF; C++, .NET and Java
Drivers	Driver required
Package content	Pen, Pen tether, Extra pen nibs Nib removal tool, 3-in-1 cable, AC power adapter, Power cable, Quick Start Guide, IPI
Warranty	2 years
Is Installation required	Yes



Dr. V. SELLADURAI, M.E., Ph.D.,
FIE, FII., FIPE., FORSI
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014 INDIA

2.Name of the Item

Webcam

Quantity Required

45 Nos

Description	Particulars
Dimension (with clip & cable)	126 x 73 x 45 mm 5.0 x 2.9 x 1.8" Weight : 170g / 6.0 oz
Resolution	HD 1080p video quality
Auto-Focus	Yes
Automatic low-light correction	Yes
Pan, tilt and zoom	Pan, tilt and zoom within the 90-degree field-of view scene for focused viewing
Multiple mounting options	LCD screen, notebook, tabletop
Compatibility	Cisco compatible
Supported operating systems	Windows 10 / 8.1 / 7 (32-bit, 64-bit)
Communication interface	USB 2.0 port / USB 3.0
Warranty	2 Years
Is Installation required	Yes



Dr. V. SELLADURAI, M.E., Ph.D.,
FIE, FIE., FIPE., FORSI
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014 INDIA

3.Name of the Item

Mini PC

Quantity Required

45 Nos

Description		Particulars
Processor		Intel Core i3 4 th Gen
Memory		4GB RAM
Storage		32 GB
Operating System		Windows 10 / 8.1 / 7 (32-bit, 64-bit)
In-Built Microphone		Yes
Wireless Keyboard & Mouse		Yes
Hardware Interface	USB Slots	USB 2.0 port / USB 3.0
	Headphone Jack	Yes
	Microphone Jack	Yes
	HDMI / VGA Port	Yes
Networking	Wireless LAN	Yes - 802.11 b/g/n
	LAN	Yes
Warranty		2 years
Is Installation required		Yes



Dr. V. SELLADURAI, M.E., Ph.D.,
FIE, FIE., FIPE., FORSI
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014 INDIA

4.Name of the Item

60 Watts Amplifier

Quantity Required

45 Nos

Description	Particulars
Power Output	90W Max., 65W RMS at 10% THD, 60W RMS at 5% THD, 50W RMS at 2% THD
Output Regulation	≤ 2 dB, no load to full load at 1kHz
Frequency Response	50-15,000Hz ±3dB
Input Channel	4 × Mic 0.65mV/4.7kΩ, 1 × Aux 100mV/470 kΩ
Tone Controls	Bass : -10dB at 100Hz, Treble: -10dB at 10kHz,
Power Consumption	AC: 160VA DC: 3A
Power Supply	AC: 220-240V 50/60Hz, DC: 12V (12V Car Battery)
Speaker Outputs	4Ω, 8Ω, 16Ω & 100V
Signal to Noise Ratio	60dB
Warranty	2 years
Is Installation required	Yes



Dr. V. SELLADURAI, M.E., Ph.D.,
FIE, FIEE., FIPE., FORSI
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014 INDIA

5.Name of the Item

30W 2-Way Speaker (Wall Speaker)

Quantity Required

90 Nos

Description	Particulars
Input Power	30W RMS
Power Taps	30w, 30/15/7.5W
Impedance/Voltage	8Ω, 100V
Frequency Response	80-20,000Hz
Speakers Woofer	100mm (4"), (Approx)
Speakers Tweeter	25mm (1") (Approx)
Installation required	Yes
Warranty	2 years
Is Installation required	Yes



Dr. V. SELLABURAI, M.E., Ph.D.,
FIE, FIEE., FIPE., FORSI
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014 INDIA

6. Name of the Item

Wireless Microphone with Receiver

Quantity Required

45 Nos

Wireless Microphone Specification :

Description	Particulars
Microphone type	Collar Mike
General Specification	TIE-CLIP/Collar Mike , Controls On/Mute/ Off Switch , Indication Red LED for Mike ON
RF Output Power	10mW (Max.)
Modulation Mode	FM
Microphone Element	Dynamic, Cardioids
Frequency Response	40-12,000Hz
Current Consumption	<30mA

Receiver Specification :

Description	Particulars
Frequency Stability	± 0.005%
Audio Output	0-50mV adjustable
S/N Ratio	>90dB
Distortion	<0.5%
Power Requirement	220V-240V AC 50Hz for AC adaptor (supplied alongwith)
General Specification	Controls Power Switch, Output Volume Control Indication Red LED for Power ON, Green LEDs for RF indication
Antenna Type	Telescopic
Warranty	2 years
Is Installation required	Yes



Dr. V. SELLADURAI, M.E., Ph.D.,
FIE, FIEE., FIPE., FORSI
PRINCIPAL
COIMBATORE INSTITUTE OF TECHNOLOGY
COIMBATORE - 641 014 INDIA