

Coimbatore Institute of Technology, Coimbatore

Invites bids from eligible bidders for the supply of goods given below

Bids have to be submitted through GeM portal only.

TECHNICAL SPECIFICATIONS

Lecture Capturing System (Part 1)

Bid Number: GEM/2021/B/965633

Dated: 11-01-2021

Bid End Date/Time: 25-01-2021 13:00:00

Name of the Item		Interactive Panels And Accessories
Quantity Required		45 Nos
Category	Specification	Bid Requirement (Allowed Values)
Specification	Display Type	LCD
	Display Panel Diagonal size (mm)	256
	Width of The Effective Display Area of The Panel (mm)	223
	Height of The Effective Display Area of The Panel (mm)	126
	Backlight Technology	LED
	Display Resolution (Pixels)	1920X1080
	Display Brightness (Nits)	200
	Display Aspect Ratio	16:9
	Touch interface	Touch sensitive as well as pen driven
	Touch Technology	Electromagnetic
	Number of touch points (Number)	3
	Response time (milli seconds)	25
	Provision of in built speakers	No
	On Site OEM Warranty (Year)	3

Name of the Item	Wilfit Spares (Web Camera)
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
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

Name of the Item	Mini PC	
Quantity Required	45 Nos	
Category	Specification	Bid Requirement (Allowed Values)
Processor	Processor Make	Intel, AMD Or higher

	Processor Generation	8, 9, 10 Or higher
	Processor Description	Intel Core i7-7700 (3.6 GHz, 8 MB Cache, 4 Cores), Intel Core i7-7700T (2.9 GHz, 8 MB Cache, 4 Cores), Intel Core i3-8145U (2.1 GHz, 4 MB Cache, 2 Cores), Intel Core i3-8130U (2.2 GHz, 4 MB Cache, 2 Cores), Intel Core i5-8250U (1.6 GHz, 6 MB Cache, 4 cores), Intel Core i5-8259U (2.3 GHz, 6 MB Cache, 4 cores), Intel Core i5-8350U (1.7 GHz, 6 MB Cache, 4 cores), Intel Core i7-8550U (1.8 GHz, 8 MB Cache, 4 cores), Intel Core i7-8559U (2.7 GHz, 8 MB Cache, 4 cores), Intel Core i7-8565U (1.8 GHz, 8 MB Cache, 4 cores), Intel Core i7-8650U (1.9 GHz, 8 MB Cache, 4 cores), Intel Core i3-8100 (3.6 GHz, 6 MB Cache, 4 Cores), Intel Core i3-8300T (3.2 GHz, 8 MB Cache, 4 Cores), Intel Core i5-8400T (1.7 GHz, 9 MB Cache, 6 Cores), Intel Core i5-8400 (2.8 GHz, 9 MB Cache, 6 Cores), Intel Core i5-8500T (2.1 GHz, 9 MB Cache, 6 Cores), Intel Core i5-8500 (3.0 GHz, 9 MB Cache, 6 Cores), Intel Core i5-8600T (3.7 GHz, 9 MB Cache, 6 Cores), Intel Core i5-8600 (3.1 GHz, 9 MB Cache, 6 Cores), Intel Core i7-8700T (3.1 GHz, 12 MB Cache, 6 Cores), Intel Core i7-8700 (3.2 GHz, 12 MB Cache, 6 Cores), Intel Core i3-9300T (3.2 GHz, 8 MB Cache, 4 Cores), Intel Core i5-9500T (2.2 GHz, 9 MB Cache, 6 Cores), Intel Core i5-9600T (2.3 GHz, 9 MB Cache, 6 Cores), Intel Core i7-9700T (2.0 GHz, 12 MB Cache, 8 Cores), Intel Core i5-8265U (1.6 GHz, 6 MB Cache, 4 cores), Intel Core i5-8365U (1.6 GHz, 6 MB Cache, 4 cores), Intel Core i5-8665U (1.9 GHz, 8 MB Cache, 4 cores), Intel Core i9 10900K, Intel Core i9 10900, Intel Core i7 10700K, Intel Core i7 10700, Intel Core i5 10600K, Intel Core i5 10600, Intel Core i5 10500, Intel Core i9 10900T, Intel Core i3 10320, Intel Core i5 10400, Intel Core i7 10700T, Intel Core i3 10300, Intel Core i5 10600T, Intel Core i3 10100, Intel Core i5 10500T, Intel Core i3 10300T, Intel Core i5 10400T, Intel Core i3 10100T, Intel Core i5 10210U, Intel Core i3 10110U Or higher
	Maximum Power Consumption in fully Operating Mode (Watt)	upto 30, 30 to 60, 60 or above Or higher
Operating System	Operating System (Pre-Loaded)	Windows 10 Professional

RAM	RAM Size (GB)	4, 8, 16, 32 Or higher
	RAM Expandability upto (GB)	32, 64 Or higher
Storage	Storage 1 Capacity (GB)	1024, 2048, 1000, 2000 Or higher
	If available Type of Storage 2	NA
	If available, Storage 2 Capacity (GB)	500, 1000, 32, 64, 128, 256, 512, 1024, 2048, 2000, 0, 96 Or higher
Monitor	Availability of Monitor	Yes
	If Yes, Monitor Size (INCHES)	18.5, 19.5, 20, 21.5, 23.8, 24, 27 Or higher
	If Yes, Monitor Resolution (PIXELS)	1366 x 768, 1440 x 900, 1600 x 900, 1920 x 1080, 3200 x 1800, 3840 x 2160, 1920 x 1200 Or higher
Input Devices	Availability of Mouse	Yes Or higher
	Availability of Keyboard	Yes Or higher
Warranty	On Site OEM Warranty (Year)	3, 5 Or higher

Name of the Item		PA Mixer
Quantity Required		45 Nos
Category	Specification	Bid Requirement (Allowed Values)
Specification	Type	Powered
	Number of Channels	2
	Inputs	Mic
	Built-in USB option	Available
	Phantom Power (Volts)	12V
	Warranty (Year)	1

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TECHNICAL SPECIFICATIONS

Lecture Capturing System (Part 2)

Bid Number: GEM/2021/B/966016

Dated: 11-01-2021

Bid End Date/Time: 25-01-2021 14:00:00

Name of the Item		PA Speaker
Quantity Required		45 Nos
Category	Specification	Bid Requirement (Allowed Values)
Specifications	Speaker Type	Main Speaker
	Amplification Method	Passive Speaker
	Configuration	One Way
	Number of Speakers	1
	Warranty (Years)	1, 2, 3, 4, 5 Or higher

Name of the Item		Microphone
Quantity Required		45 Nos
Category	Specification	Bid Requirement (Allowed Values)
Specification	Type	Wireless
	Form Factor	Handheld, Collar (Lapel)
	If Wireless, Operating Range	More than 20.0 Or higher
	Polar Pattern / Directionality	Cardioid
	Warranty (Years)	1