

CALICUT UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY

No.180106/CUIET-A-ASST-1/2015/Admn

Dated:28.10.2016

TENDER NOTICE

Sealed competitive tenders are invited for the supply of the following Lab items to the Electronics and Communication Engineering Department of CUIET. The tender forms can be downloaded from the University website .The bidders should remit 0.2% of the cost of tender as tender cost rounded to the nearest multiple of 100,subject to a minimum of Rs.400/-+VAT @5% and maximum of Rs.1,500/-+VAT @ 5%(as DD in favour of Finance Officer,University of Calicut). EMD (1% of quoted rate subject to a minimum of Rs.1,500-)drawn in favour of Finance Officer should also be submitted. The rate quoted should be inclusive of all taxes and all other charges.

Sealed and superscribed tenders should reach the undersigned on or before 15/11/2016.

LIST OF ITEMS

SI. No.	NAME OF THE EQUIPMENT	SPECIFICATION	QUANTITY
1	Rheostat	1 Kiloohm- 0.6 A	10
2	Voltmeter	20V- DC	10
3	Ammeter	200 microampere	5
4	Ammeter	200 mili Ampere	5
5	Fiber optical communication trainer	Analog signals: 350 kHz;FG- 1Hz to 100KHz sinusoidal signals, Digital signals: 5 MHz	3
6	Fiber optical communication cable	Digital signals: 5 MHz	2
6	Gun power supply	Gun Bias Voltage 1 to 1.2 V, Current-0 to 1.0 A, Regulation-0.2% for ± 10 mains variation	2
7	Klystron power supply	Operating Voltage - 230V \pm 10, 50Hz AC, Beam supply - Voltage:200-300V continuously variable; Current: 50mA max.; Regulation: better than 0.5% for ± 10 % variation in mains supply voltage; Ripple: less than 5mV rms, Repeller Supply - Voltage:-10V to -270V continuously variable with respect to klystron cathode; Regulation: better than 0.25% for ± 10 % variation in mains supply voltage. Heater Supply - 6.3V DC (regulated), Modulation - Square Wave : Frequency 500Hz to 2000Hz; Max. Amplitude ± 110 V peak to peak, Amplitude and frequency continuously variable; Sawtooth: Frequency 50Hz to 150Hz; Max. Amplitude - 60V peak to peak, Amplitude and frequency continuously variable;	2
		Automatic indication of functions and symbols	5
		DC voltage:	

8	Multimeter	Digital multimeter	200m/2V/20V/200V \pm 0.5%, 1000V \pm 0.8%	
			AC voltage: 2V/20V/200V \pm 0.8%, 750V \pm 1.2%	
			DC current: 20mA \pm 0.8%, 200mA \pm 1.5%, 10A \pm 2.0%	
			AC current: 2mA \pm 1.0%, 200mA \pm 1.8%, 10A \pm 3.0%	
			Resistance: 200/2k/20k/200k/2M	
			Capacitance: 20n/200n/2 μ /20 μ F \pm 4.0%	
			Frequency: 20kHz \pm 1.5%	
			Temperature: -20°C ~ 1000°C	

For HOD

Ref: 10/20
Head of Department
Electronics & Communication
Institute of Engg. & Technology
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Balakrishna Pillai M

Principal
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