



**POST GRADUATE DEPARTMENT OF PHYSICS
UNIVERSITY OF KASHMIR, SRINAGAR-06**

RE-TENDER NOTICE

Sealed quotations/tenders are invited from reputed authorized dealers for the supply of lab. items/Experimental setups as detailed below.

S.No.	Item/Equipments	Specification
01	Density and mobility of charge carriers.	for n-type and p type Ge semiconductor, complete setup.
02	Transition temperature and resistance Measurement.	Complete Experiment kit
03	Temperature dependency of a semiconductor resistor	Complete setup
04	Current Voltage characteristics of a CdS Photoresistor.	Complete setup
05	Experiments with Op-amplifier.	Study internal design of op-amplifier and op-amplifier circuits
06	Logic circuit setup	Simple logic circuits, analog inputs and outputs.
07	Electron Spin Resonance at DPHH	Complete setup
08	Digital Oscilloscopes	50 MHz bandwidth, 2 analog channels, 50 Ω input impedance (standard)
09	Function generator	Frequency Range 0.3Hz to 3MHz Waveforms: Sine, Square, Triangle, DC, DC-Offset Adjustment
10	Semiconductor crystals (Ge single crystal mounted on PCB)	p-type, n type Ge crystal. Thickness t : 0.5 mm. Width w : 4 mm.
11	Quincke's tube with stand.	U shaped with two limbs, one with very narrow width.
12	MnSO ₄ . H ₂ O. sample	A.R Grade with bottle
13	Barium titanate (BaTiO ₃)	Single crystal
14	Transistors (UJT)	2N2646, 2n4870, 2n4871
15	Op amplifiers	LM 741
16	General Purpose Diode	1N4001 50V 1A
17	Thyristor	2P4M 2A 400V
18	1/4W Carbon Film Resistors	5% toleranc full range from 1R to 10M.
19	Ceramic Disc Capacitors	in standard, 1pf to .01 uf, 50 v
20	Electrolytic Radial Capacitors High Quality Type with Low Leakage	With Tolerance of 20% Current 1uf to 4700uf, 50V
21	Linear Rotary Potentiometer	100k 1/2W
22	Sliding Potentiometers - 60mm	1k to 100k

The sealed quotations duly completed in all respects with Rs 5/= revenue stamp , along with C.D.R worth 2% of the total amount quoted and GST registration certificate, should reach the undersigned latest by 08-01-2018 till 16.00 hrs failing which no request will be entertained due to any reason whatsoever. Further, the rates should be quoted only for tendered items. The tender document can be downloaded from university website www.kashmiruniversity.net.

Prof. Manzoor A Malik
H.O.D