

# UNIVERSITY OF DELHI

11-1-2019

## INVITING TENDERS

Sealed tenders are invited from the reputed vendors for the supply of following equipment as per given specification. The envelope should be sent to THE PRINCIPAL and marked "Instrument Purchase under STAR COLLEGE GRANT (PHYSICS)". You are kindly requested to quote your lowest rates and maximum discount for the above instrument with the relevant warranty and guarantee conditions within 10 days of posting this advertisement.

### **1. Piezoelectric measurement setup (1 in no)**

Piezo Sensor: Donut type 1000 pf piezo-crystal.  
Vibration Force: Force exerted manually by taping the sensor top at various intervals.  
Display: 3½ digit to read  $\pm 1999$  counts.  
Power Supply: 230V  $\pm 10\%$  @ 50 Hz  
Accessories: Necessary cables provide  
Standard sample  
Sample holder  
Manual

### **2. Dielectric measurement setup (1 in no)**

Capacitance 1 n F to 10  $\mu$  F  
Inductance 1mH to 10 H  
Resistance range 1ohm to 20 M Ohm  
Temperature range RT – 250 degree C  
Standard sample  
Sample holder  
Silicon Oil 500 ml  
Manual

### **3. Hall coefficient measurement setup (1 in no)**

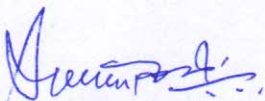
Current source 10n A 10 mA  
Voltage range 1 mV to 10 Volt  
Magnetic field range 2000 Gauss  
Hall sensor  
Standard sample  
Sample holder  
Manual

### **4. P-E (polarization electric field) hysteresis measurement set up (1 in no)**

Capacitance 1 n F to 10  $\mu$  F  
Inductance 1mH to 10 H  
Resistance range 1ohm to 20 M Ohm  
Temperature range Rt – 250 degree C  
Standard sample

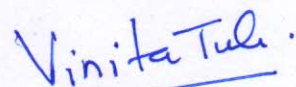
Sample holder  
Silicon Oil 500 ml  
Manual

The duration of Warranty is 3 years for the all the instruments.



**Dr. Gyantosh Kr. Jha**

**PRINCIPAL**



**Dr. Vinita Tuli**

**Assistant Professor**

**Deptt. of Physics**