

ENQUIRY FORM
Interdisciplinary Nanotechnology Centre
Faculty of Engineering & Technology
 Aligarh Muslim UNIVERSITY, ALIGARH 202002(U.P) INDIA

Ref. No 413 /INC


Dated 14.02.2018

M/s _____

Dear Sir,

Sealed quotations are invited for the following items from authorized dealers/manufacturers of items given below on the terms and conditions mentioned below for the financial year 2017-18. Quotations should reach this office on or before **24.02.2018**

LCR Meter (Impedance Analyzer)/ Dielectric measurement setup		
SPECIFICATIONS		
LCR Meter (Impedance Analyzer)/Dielectric Measurement Setup		
S.No.	DESCRIPTION	PARAMETERS
1	Frequency	20 Hz - 20 MHz (or more)
2	Resolution	1 mHz or better
3	Impedance parameters	Z , θ_z , Y , θ_y , Cp, Cs, Lp, Ls, Rp, Rs, D, Q, R, X, G, B, Complex Z, Complex Y
4	Level Monitor	Vac, Iac, Vdc, Idc
5	Voltage Range & Resolution	Minimum 5 mVrms - 1 Vrms with 1 mV resolution or better
6	Current Range & Resolution	200 μ Arms to 20 mArms and 20 μ A resolution
7	DC voltage bias Range & Resolution	0 to \pm 40 V & 1mV or more & minimum 1mV or better
8	DC Current bias Range & Resolution	0 to \pm 100 mA or more & 40 μ A minimum
9	Sweep Parameters	Frequency, signal voltage, signal current, DC bias voltage, DC bias current
10	Sweep type	Linear frequency, log frequency, OSC level (voltage, current), DC bias (Voltage, current), log DC bias (voltage, current)
11	Number of measurement points	2 to 1601 points
12	Segment Sweep	More than 200 segments.
13	Traces	4 data trace & 4 memory trace per channel
14	Markers	Minimum 10 markers with reference & delta marker
15	Marker Search	Maximum value, minimum value, multi-peak, multi-target, peak, peak left, peak right, target, target left, target right, and width parameters with user defined bandwidth values.
16	Interface	GPIB, LAN, USB, VGA
17	Test Accessories	i)Test accessories for Solid Dielectric material


 14/02/2018
 (Prof. Absar Ahmad)
 Director
 Interdisciplinary Nanotechnology Centre
 Aligarh Muslim University, Aligarh

