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**SHYAM LAL COLLEGE : SHAHDARA, DELHI 110032
(University of Delhi)**

Ref. No.....

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March 13, 2018

M/s _____

Subject: Quotations for Department of Physics

Sir/Madam,

You are requested to send sealed quotations for the purchase of the following items to the office latest by **March 20, 2018**

S.No.	Name of item /set-up
1.	To measure the Magnetic susceptibility of solids.
2.	To determine the Coupling Coefficient of a Piezoelectric crystal.
3.	To determine the complex dielectric constant and plasma frequency of metal using surface Plasmon resonance (SPR) technique.
4.	To study a series LCR circuit and determine its (a) Resonant Frequency, (b) Quality Factor
5.	Measurement of field strength B & its variation in a solenoid (Determine db/dx).
6.	To study the characteristics of a series RC Circuit.
7.	To study the Characteristics of (a) LDR and Photodiode with (i) Variable Illumination intensity and (ii) Liner Displacement of source.
8.	Study of I-V characteristics of SCR
9.	SCR is a half wave and full wave rectifiers with Rand RL load.
10.	Study of I-V characteristics of DIAC.
11.	Study of Characteristics of TRIAC.
12.	Experiments using 8051 microcontroller.

The word 'Quotation for Physics Department' should be return at the top of the sealed envelope.

Terms and Conditions

1. Rates quoted should be for supplies F.O.R. college (Physics Department) and no packing or forwarding charges etc. whatsoever will be given to you.
2. The catalogues and manuals showing the details specifications regarding the apparatus should also be sent.
3. Demonstration/ Installations of the instruments is mandatory.

Yours faithfully,

Principal


Dr. Ravindra Kumar

Teacher In-charge, Department of Physics