UNIVERSITY OF RAJASTHAN
Department of Physics
Jaipur-302004

Ref. PHY/2021/177

Dated 17/09/2021

Quotation Notice

Sealed **quotations are invited from the authorized dealers/suppliers** for the supply of the following item. You are requested to give in addition full details of the items such as make, specifications, accuracy, delivery position, availability, if quoted on forwarding basis etc. and also enclose the detailed literature if possible.

Last Date &Time of quotation submission: ..25/09/.., **2021 upto 12:00 p.m.**

Date and time of opening the quotations: After 20/09/**2021 at 3:00 p.m.**

Item description

Sr. No.	Item Name	Specifications	Quantity
	Diffraction System	Diffraction system **Apparatus:- Diffraction System.** **Specifications:-** a) He-Ne Laser:- **wavelength:** 632.8 nm, Output: 2mW. b) Suitable Assembly and Stand for He-Ne Laser. c) Screen:- A Bakelite Board d) Optical Bench 1.5 Meter with S.S Rods:- A Pair Rod:- 1.5 meter Length long with diameter of 19mm in which one rod is engraved & graduated scaling with 150 cm & other plane. Both rods are made of steel & chrome plated. **Accessories**:- Pair of Round shape supported feet's of MS material with leveling screw, four uprights in which two are fixed riders & other one movable riders. Micrometric control working bench to measure Fraunhofer Diffraction. e) Young`s Single Slit with micrometer screws & Double Slit with micrometer screws, and Grating. f) Slit holder with set 13 slide's for diffraction. g) Digital Multimeter with Photo Detector. Digital Multimeter should be a 3½ digits meter with steady operations, and highly reliable hand-held measuring instrument having different measurement positions. The Multimeter should be able to measure AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Diode & amp; Continuity Test, and Transistor Test and also should have range Display.	1

		GENERAL SPECIFICATIONS • High Accuracy • Large LCD for easy reading. • Digit Size : 25mm(H) • Instant Continuity Buzzer. • Overload Protection on All Ranges. • Recessed Safety Designed Input Jacks. • Automatic Zero adjustment. • Display :3 1/2 digit LCD. Maximum reading 1999 with automatic sign and Function annunciators • Over range indication: :MSB (highest) digit (1) or (-1) is displayed. • Low battery :" " should be displayed when The battery voltage drops below the operating voltage. • Measurement rate :3 measurements per second, nominal. • Operating temperature : 0°C to + 50°C-70% RH. • Storage temperature : -20°C to 60°C, 0-80% RH with battery removed • Accuracy : Accuracy specifications at 23 ± 5°C less than 75% RH • Power: Single 9 V Battery • Accessories : Test leads, Spare Fuse, Operating Manual, Battery, Carrying Case.	

Terms and conditions:

(i) Quotations with prescribed format in a sealed envelope should reach this office on time. Quotations received after due date and time will not be considered in any case.
(ii) The rates should be f.o.r. Department of Physics, University of Rajasthan.
(iii) All items should be supported with proper documents.

Head, Department of Physics

Head of the Deptt. of Physics
University of Rajasthan, JAIPUR