University of Calcutta

Dept. of Applied Physics
UCSTA
92 APC Road, Kolkata 700009

Tender Notice

Enq. No.: AP/ENQ/DST/SC/22-23/003

Date:13/05/2022

To
The All Interested Parties
Dear M/s.
Please submit the quotation within **01/06/2022 (4 PM)** at the Office of the Department of Applied Physics for DST-GOI project (Sanction Detail: **DST/TMD/CERI/RES/2020/22(G) dtd: 03/09/2021) for** the following item according to the specification mentioned.

Please enclose the copy of the following papers along with the quotation.

1. Trade License, 2. PAN Card, 3. VAT & Service Tax Registration wherever necessary

DIFFERENTIAL VOLTAGE PROBE
Technical Specification

The Voltage Probe should have following features:

Attenuation	25X / 250X
Differential Voltage	250X: ±750 V 25X: ±75 V
Common Mode Voltage	±750 V
Maximum Input Voltage-to-Earth	550 V CAT I 300 V CAT III
Bandwidth	200 MHz
Rise Time	<1.8 ns
Slew Rate	<275 V/ns at 1/250 gain
Input Impedance at the Probe Tip	5 MΩ || <2 pF
Typical CMRR	DC: > -80 dB 100 kHz: > -60 dB 3.2 MHz: > -30 dB 100 MHz: > -26 dB
Cable Length	1.5 m

Features	Overrange Indicators, Safety Certified, Switchable attenuation, switchable bandwidth limit
	Voltage Probe should be compatible with Tektronix MDO Oscilloscope.

A. Terms and Condition:

Warranty: Warranty from manufacturer for thirty six months from the date of installation should be offered.
Customs Clearance and Delivery: up to Calcutta University, Rajabazar campus from Kolkata Airport must be taken care by supplier. All necessary expenses for the same will be to supplier's account.
Installation: The item should be installed and demonstrated in the laboratory within one month of delivery.

Prof. Sumana Chowdhuri
PI, CU
DST-GOI Project
Professor
Dept of Applied Physics
University of Calcutta