University of Calcutta
Dept. of Applied Physics
92 APC Road, Kolkata 700009

Tender Notice

Enq No.: AP/4/ENQ/RG/20-21 **Date: December 22, 2020.**

To
The All Interested Parties

Dear M/s.

Please submit sealed quotation within **December 29, 2020 (3 pm)** at the Office of the Department of Applied Physics, University of Calcutta. A soft copy of the tender may be forwarded **through email** at <rgaphy@caluniv.ac.in> for the following items.

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;
4. Sole selling and / or distributor certificates, as applicable.

1. Analog electronics trainer kit with breadboard facility

Major Specifications	**Quantity**
Facility to perform (a) Linear OPAMP (IC741/ OP-07) characteristics and applications including Adder, subtractor, differential amplifier, instrumentation amplifier, filters (low, high and band pass). (b) Applications of 555 Timer circuits including astable, bistable and monostable multivibrators. On-board potentiometers On-board power supply of ±5V, ±12 V, 1 A On-board dual power supply of 0-30 V (variable), 2 A. AC power supply 9-0-9 Volts AC mains supply 110-220V ±10%, 50 Hz Connectors for external meter, CRO connections, LED indicators On-board LED displays	**05 (five)**

2. **Digital electronics trainer kit with breadboard facility**

Major Specifications	**Quantity**
Facility to perform (a) 8-bit Analog to digital converter experiments (b) 8-bit Digital to analog converter experiments (c) 16:1 Multiplexer (d) Encoder and decoder (e) Half and full adder, subtractor. (f) J-K, S-R flip flop. On board facility for LED indicators, test points, 7 segment display. AC mains supply 110-220V ±10%, 50 Hz. On-board power supply of ±5V, ±12 V, 500 mA On-board dual power supply of 0-30 V (variable), 2 A. Connectors for external meter, CRO connections, LED indicators	**05 (five)**

Sd/
Dr. Rajarshi Gupta.
Professor & HoD
Department of Applied Physics, CU

For queries related to this tender, please contact: jnbaphy@caluniv.ac.in; or rgaphy@caluniv.ac.in.