

**DEPARTMENT OF RADIO PHYSICS & ELECTRONICS**  
**UNIVERSITY OF CALCUTTA**  
**92, APC Road, Kolkata-700009**

**Notice for Inviting Tender /Quotation**

**Ref.No. RPE/EQ/26/Web/SBM/18-19**

**Date: 10.12.2018**

All the Authorized Suppliers are invited to submit your Quotation/Tender along with the following documents by sealed envelope at the office of the Department of Radio Physics & Electronics for the under mentioned items /works according to the CU rules and following terms & conditions

The last date for submission of Quotation/Tender is 18.12.2018

- 1) In Quotation / Tender, you must mention Ref. No., Date and our EQ No. & date on the sealed envelope.
- 2) Your Ref. No., Date and Our EQ No. & date and also its items & no. must be mentioned properly in your quotation with SIGNED & SEALED by appropriate authority. (Party must provide hard copy and also SOFT COPY by CD in doc file).
- 3) Price for which you are quoting must be mentioned with all applicable taxes and others incidental charges as well as premiums for insurance against all kinds of risks before executing delivery to our Department if applicable.
- 4) Party also must submit copy of their valid TRADE LICENSE, GST/VAT REGISTRATION, PAN CARD or wherever necessary documents. OR who are manufacturer, also submit valid certified copy of nature of business that will be issued by GOI/State/Undertaken Govt. Authority. OR who have sole/only authorized distributors, also submit valid certified copy of nature of business that will be issued by appropriate Authority / Manufacturer and attached published Notification/Tender copy along with quotation.
- 5) For details related to submitting Quotation / Tender procurement for Equipments, you may also visit CU website [www.caluniv.ac.in](http://www.caluniv.ac.in) or under signed, that will be published by website or Dept. Notice Board.
- 6) The concerned purchase committee reserves the right to reject any of all quotation/tenders without assigning any reason what so far.

<b>Item No.</b>	<b>Name of the Items/Goods/Works</b>	<b>Specifications</b>	<b>Quantity</b>
1	Thyristorised Chopper control circuit	Study of voltage commuted step down thyristorised chopper, Current commuted step down thyristorised chopper. High Voltage source, Thyristor trigger control Circuit, Digital voltmeter ammeter, Chopper circuit.	1
2	Phase control circuit of SCR	Study of Bridge Rectifier circuits operation. Voltage characteristics and load characteristics study. Single board, in built power supply, variable load resistances, set of SCR, capacitors and resistances.	1

3	IGBT characteristics study board	Study of Output characteristics $V_{CE}$ Vs $I_C$ when $V_{GE} = \text{constant}$ . Transfer characteristics $V_{GE}$ Vs $I_C$ when $V_{CE} = \text{constant}$ . IC regulated variable power supply =0-5 V, IC regulated variable power supply =0-9V, two digital voltmeter and ammeter, IGBT.	1
4	Speed control of DC motor by SCR circuit	Study of armature voltage Vs speed. Armature current Vs Speed, Speed control of motor by controlling gate voltage of SCR. Tachometer, SCR triggering circuit, digital voltmeter, ammeter.	1

Head of the Department

Institute of Radio Physics & Electronics.