

Telephone: 044-22574479

Extn: 5442

Department of Electrical Engineering
Indian Institute of Technology, Madras
 I.I.T.P.O., MADRAS – 600 036.

Ref. No.

ELE	DEBD	2019	Dual Channel Source Meter
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Date: 16.04.2019Due Date: 6.05.2019Under Certificate of posting

To:

Dear Sirs,

1. Quotations are invited in duplicate for the various items shown below/overleaf/enclosed list.
2. The Quotations duly sealed and superscribed on the envelope with the reference no. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The Quotations should be valid for sixty days from the due date and period of delivery required should also be clearly indicated.
4. If the item is under DGS & D Rate contract, Rate Contract Number and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate Contract price. If so, please send copy of the R.C. (Please note that we are not Direct Demanding Officers).
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable.
6. Local Firms: Quotations should be for free delivery to this Institute. If Quotations are for Ex-Godown, delivery charges should be indicated separately.
7. Firms outside Chennai: Quotations should be F.O.R Chennai. If F.O.R consignor station, freight charge by passenger train / lorry transport must be indicated. If Ex-Godown, packing, forwarding and freight charges must be indicated.
8. The rate of Sales / General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, claim for Sales / General Taxes will be admitted at any stage and on any ground whatsoever. The taxes leviable should take into consideration that we are entitled to have Concessional Sales Tax applicable to non-Government Educational Institutions run with no profit motive for which a commission Sales Tax certificates will be issued at the time of final settlement of the bill.
9. Goods should be supplied carriage paid and insured.
10. Goods shall not be supplied without an official supply order.
11. Payment: Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.

Specifications enclosed and quotation to be sent to the below address:

*Dr. Debdutta Ray
 Assistant Professor,
 Department of Electrical Engineering,
 Indian Institute of Technology, Madras,
 Chennai – 600 036.*


Yours faithfully,

HEAD / Project Co-Ordinator

SPECIFICATIONS FOR THE PURCHASE OF DUAL CHANNEL SOURCE METER UNIT (SMU)

- 1) System should be capable of sourcing/ measuring voltage or current on both channels simultaneously.
- 2) System should have 6 ½ digit source and measurement resolution. .
- 3) **System should be capable of pulsing 10A current simultaneously on both channel.**
- 4) Voltage ranges: 200 mV to 200 volts with resolution of 100 nV.
- 5) Current ranges: 100 nA to 1.5A DC or better with resolution of 1 pA.
- 6) System should able have GPIB, Ethernet, RS 232 communication.
- 7) Software should have functions like voltage/current sweep/ steps, should able to store the data and graphs.
- 8) System should support in two and three terminal device IV testing.

Note: Accessories for SMU output to Triax output adapter (2 numbers) and SMU output to Banana Jack output (2 numbers) to be provided.


परियोजना समन्वयक
Project Co-ordinator
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