



Department of Electrical Engineering
Indian Institute of Technology Madras
Chennai – 600 036, India

Prof. K. GIRIDHAR
Electrical Engineering Department

Ref: No.IITM/GIRI /19-20/ Programmable 3-CH DC supply

DATE:13.9.2019

Due date : 4.10.2019

Dear Sir,

1. Quotations are invited in duplicate for the various items shown below/overleaf/**enclosed list**.
2. The **quotations are to be in two parts as Technical Offer and as Commercial offer**: The two parts of the offer are to be clearly marked on the envelopes. The two parts of the offer in separate envelopes must be enclosed in the one bigger envelope duly sealed and super scribed with reference number and due date and must be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. **Fax and Email quotation are not acceptable**.
4. Quotations should be valid for 60 days from the due date and period of delivery required , warranty terms etc. should also be clearly indicated. A minimum of one year warranty is required from the date of commissioning.
5. Imported supplies should be quoted **for CIF Madras**.
6. Local firms to quote for free delivery to this Institute. If quoted for Ex-Godown delivery charges be indicated separately.
7. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples / machine/ equipment if called for should be submitted / demonstrated at free of charges, and collected back at the supplier's expenses. Compliancy certificate is to be provided indicating conformity to the technical specifications
8. Sales Tax/General Taxes/ED if applicable and such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. If this is not indicated no such claim will be admitted at any stage. 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 concession is given. Sales Tax Certificate 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. If the item is under DGS&D Rate contract No. 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 (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
12. The Guarantee period of the item may be indicated clearly.
13. In case of LC. Payment, 90% of the payment will be made after completion of the supply. The balance 10% of the payment will be made after satisfactory installation of the equipment.
14. IIT Madras is exempt from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. IIT Madras will make necessary arrangements for the clearance of imported goods at the Airport/Seaport. Hence the price should not include the above charges.
15. **Acceptance and Rejection**:- I.I.T. Madras has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

Yours faithfully,

डॉ.के.गिरिधर / Dr. K. Giridhar

प्राध्यापक / Professor

विद्युत इंजीनियरिंग विभाग

Department of Electrical Engineering

INDIAN INSTITUTE OF TECHNOLOGY MADRAS

चेन्नई / Chennai - 600 036 भारत / India

Prof. Giridhar

Items required: **Programmable 3-CH DC supply** as per specifications enclosed.
Qty Required – each 1No.

Phone Nos.: (044) 2257 4420/ /5419 FAX: (044) 2257 4402, E-mail: giri@ee. iitm.ac.in



Department of Electrical Engineering
Indian Institute of Technology Madras
Chennai – 600 036, India

Prof. K. GIRIDHAR
Electrical Engineering Department

Ref: No.IITM/GIRI /19-20/ Programmable 3-CH DC supply

DATE:13.9.2019

Due date : 4.10.2019

1. Specifications for Programmable 3-CH DC supply 195W – 1 No.

- Triple channel power supply
- Maximum voltage per channel: $\pm 30V$.
- Maximum current channel: 3 A (On two channel) and 3A on one channel.
- Maximum power: 195 W
- Power supply should support combination of channel for high voltage.
- Power supply should have remote sensing feature for accurate sourcing.
- Ripple : 4mV rms or better.
- Readback voltage accuracy: 0.03%
- Readback current accuracy: 0.1%
- Meter Voltage resolution: 1 mV.
- Meter current resolution: 1mA.
- All channels voltage and current output should be displayed simultaneously.
- Power supply should have internal memory to set up to 30 configurations.
- All channels should be isolated, independently programmable.
- Power supply should have Rs 232, GPIB interface.

Phone Nos.: (044) 2257 4420/ /5419 FAX: (044) 2257 4402, E-mail: giri@ee.iitm.ac.in


डॉ. के. गिरिधर / Dr. K. Giridhar
प्राध्यापक / Professor
विद्युत इंजीनियरिंग विभाग
Department of Electrical Engineering
भारतीय प्रौद्योगिकी संस्थान मद्रास
INDIAN INSTITUTE OF TECHNOLOGY MADRAS
चेन्नई / Chennai - 600 036 भारत / India



Department of Electrical Engineering
Indian Institute of Technology Madras
Chennai – 600 036, India

Prof. K. GIRIDHAR
Electrical Engineering Department

Ref: No.IITM/GIRI /19-20/ Programmable 3-CH DC supply

DATE: 13.9.2019

Due date : 4.10.2019

Specifications for Programmable 3-CH DC supply 375W – 1 No.

- Triple channel power supply
- Maximum voltage per channel: $\pm 30V$.
- Maximum current channel: 6 A (On two channel) and 3A on one channel.
- Maximum power: 180W each of two channels and 15W on third channel.
- Power supply should support combination of channel for high voltage.
- Power supply should have remote sensing feature for accurate sourcing.
- Ripple : 4mV rms or better
- Readback voltage accuracy: 0.03%
- Readback current accuracy: 0.1%
- Meter Voltage resolution: 1 mV
- Meter current resolution: 1mA.
- All channels voltage and current output should be displayed simultaneously.
- Power supply should have internal memory to set up to 30 configurations.
- All channels should be isolated, independently programmable.
- Power supply should have Rs 232, GPIB interface.

The quotes should be addressed To:

Prof. K. Giridhar,
Department of Electrical Engineering,
Indian Institute of Technology Madras
Chennai – 600 036, India

Yours faithfully,

डॉ. के. गिरिधर / Dr. K. Giridhar

प्राध्यापक / Professor

विद्युत इंजीनियरिंग विभाग

Prof. Giridhar.

Department of Electrical Engineering

भारतीय प्रौद्योगिकी संस्थान मद्रास

INDIAN INSTITUTE OF TECHNOLOGY MADRAS

चेन्नई / Chennai - 600 036 भारत / India

Phone Nos.: (044) 2257 4420/ /5419 FAX: (044) 2257 4402 E-mail: girid@ee.iitm.ac.in