

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
Department of Electrical Engineering

Enquiry No.: EE/SA/Inq/2016-17/02

Opening Date: 15-June-2016

Closing Date: 27-June-2016

**Sub: Inquiry for DC Power Supply**

We are interested in purchase of a DC power supply of the following configurations. Our organization is an educational institute of repute and liable to get **educational discount** from the manufacturer / supplier. Please specify the discount separately.

Technical specifications of the product should be included with the quotation.

Please send your **Sealed Quotation** to the undersigned for the same. The envelope should be marked as "**Power Supply - EE/SA/Inq/2016-17/02**"

Items required:

Item required	Specifications	Quantity
Dual regulated linear power supply	<p>Linear power supply, 50Hz transformer based, 0-64V, 0-10A dual output supply, both outputs should be isolated and capable of operating simultaneously and independently, both outputs should be adjustable from front panel of product, both outputs should be floating w.r.t ground and should be isolated from each other, constant voltage and constant current operation, indication for constant voltage and current modes, meters to display voltage and current on the product, overload protection, output short circuit protection, operating temperature 0°C to 50°C, should be able to operate on 230V 50Hz nominal supply.</p> <p>Constant voltage mode:</p> <ul style="list-style-type: none"><li>• Regulation line: <math>\pm 0.01\%</math> <math>\pm 2\text{mV}</math> for <math>\pm 10\%</math> change in line voltage,</li><li>• Regulation load: <math>\pm 0.01\%</math> <math>\pm 2\text{mV}</math> for load change from zero to full load,</li><li>• ripple and noise: 1mVrms max for 20Hz to 20MHz</li></ul> <p>Constant current mode:</p> <ul style="list-style-type: none"><li>• Regulation line: <math>\pm 0.05\%</math> <math>\pm 10\text{mA}</math> for <math>\pm 10\%</math> change in line voltage,</li><li>• Regulation load: <math>\pm 0.05\%</math> <math>\pm 10\text{mA}</math> for change in output voltage from zero to full,</li><li>• ripple and noise: 1mArms</li></ul> <p>Should have at least <b>1 year warranty</b></p>	1

Note:

1. Your quotation shall contain Authorization Letter from manufacturer.
2. Quotation must be valid for minimum of 60 days.
3. **Delivery period should not be more than 4 weeks** and delivery should be at IIT Kanpur. The Penalty @1% per week or part thereof subject to max 10% of the delivery price will be deducted from the balance payment, if supply is not completed within stipulated period.
4. Send complete detail of the product(s).
5. Payments terms: 90% on installation and 10% on satisfactory report.
6. Price must include all taxes and charges (including delivery, installation, training etc.)
7. IITK is exempted from custom duty and road permit.
8. All prices are to be FOR IIT Kanpur.
9. The Institute reserves the right of accepting and rejecting any quotations without assigning any reason.

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