

## Department of Mechanical Engineering Indian Institute of Technology Kanpur Kanpur (UP) 208016 India

Sameer Khandekar Professor Room: SL-109 Tel: #-(0512)-259-70

Tel: #-(0512)-259-7038 E-mail: samkhan@iitk.ac.in

Date: 25/10/2015

Enquiry number: PCTS/ME/2015/12

**Subject: Web Enquiry** 

We are planning to purchase DC power supply 0-60V/0-50A, single phase with digital meters and controls. The specifications should be as follows:

Input Voltage: 230 VAC  $\pm$  10%, 50  $\pm$  2Hz

Line Regulation:  $\pm 0.05\% + 5 \text{mV}$  to 30 mV

Load Regulation: 0.05% + 5mV to 30mV

Ambient conditions: Upto a temperature of 50°C with forced/Natural Convection Cooling

Protection: Current limit using front panel controls (about 10% to 110% of rated value)

Metering: Digital Voltmeter & Ammeter to monitor output-voltage & load current

Temperature Coefficient: 0.05% + 5mV/°C to 15 mV/°C [After 1/2 hr. warm up]

Stability: 0.2% + 15mV to 100mV [After warm up]

Recovery Time: 100 μ-sec to recovery within the regulation band for 10% of load change

Dimensional size: About (500×300×600) mm

Kindly send hard copy of your offer at the following address before 03 November, 2015. The offer must contain the usual terms and conditions of supply, tax, freight charges, offer validity, warranty, educational discount, and delivery period etc.

Thanking you,

Sameer Khandekar

SL-109, Phase Change Thermal Sciences Laboratory Indian Institute of Technology Kanpur (INDIA) 2080 016

Phone: 0512-2597967, e-mail: cgoswami@iitk.ac.in