

High current power supply

Tender is invited for the procurement of DC Power Supply with at least two sets of individually controllable terminals according to the specifications below.

Requirements

Specification	Value
Number of Channel	2 (at least)
Voltage Range	0-100 V
Current Range	0-10 A
Max Power Output	1000 W
Max Power Consumption	2500 VA
Voltage step	5 mV (at most)
Current step	5 mA (at most)
Rise Time (0-100% of Load)	100 μ s (or less)
Operating Temperature Range	0-40 Degree Centigrade
Constant Voltage (CV) Mode	Yes
Constant Current (CC) Mode	Yes
Polarity Reversal	Yes
Controller	USB GPIB

Mandatory conditions

- Current and Voltage ranges, CV and CC operating mode, 2-channel, Polarity Reversal with controller.

Other Essential requirements:

- System should work with standard 220VAC, 50Hz (Indian condition).

General Terms & conditions

- Service Personnel to provide efficient local service support. The training certificate from the manufacturer should be provided to prove the capability of the service engineer.
- The manufacturer should have ISO9001 or similar certifications.
- System should have minimum 1-year standard warranty.

Warranty

- Min warranty period: 1 years.
- May also quote for extended warranty year-wise for up to 3 years.

Support and Service

- Technical support should be available preferably through Indian counterparts.

Training

- Training (online or onsite) on this system should be provided free of any additional cost.

Shipping and Handling

- FOB prices should quoted with
 - i. Insurance
 - ii. Delivery time. etc.

General Terms & conditions

The vendor should have supplied of a system of a similar or a higher specification to Indian institutes like IITs, etc or, to a reputed foreign institute in the last 5 years. The vendor should provide the contact details of the user of such a system. The vendor should provide proof of installation and maintenance of such systems. Proof can be provided as reference letters from the users of the systems.