



SIDBI INNOVATION AND INCUBATION CENTRE
INDIAN INSTITUTE OF TECHNOLOGY KANPUR



To,

Ref No: IIT/ SIIC/Mole/PDCPS/BV/19-11-2014

INVITATION FOR QUOTATIONS FOR SUPPLY OF PROGRAMMABLE DC POWER SUPPLY

Brief Description of the Goods	Specifications*	Qty.	Delivery Period	Place of Delivery	Installation Requirement if any
Programmable DC POWER SUPPLY	Mentioned below	05	20 Days	Central Store, IIT Kanpur	Yes

Programmable DC Power Supply		05
<p>Specifications:- Voltage Range: $\pm 30/32V$; Current: $-10A$ at maximum Voltage; Dual Tracking with variable current & voltage control.</p>		
<p>Constant Voltage Mode : Regulation : Line: $\pm 0.01\% \pm 2mV$ for $\pm 10\%$ change in line output. Load: $\pm 0.01\% \pm 2mV$ for load change from zero to full load. Ripple & Noise: $1mV$ rms max.</p>		
<p>Constant Current Mode : Regulation : Line: $\pm 0.1\% \pm 250\mu A$ for $\pm 10\%$ line change. Load: $\pm 0.1\% \pm 250\mu A$ for change in output voltage from 0 Volts to maximum output voltage. Ripple & Noise: 0.04% rms.</p>		
Front Panel Controls	Knobs with $3\frac{1}{2}$ digit digital displays to control output voltage and current settings. Power on/off switch, output enable/standby switch and local/remote switch. Voltage, current and overvoltage preview push buttons allow you to preview the programmed settings at any time; overvoltage limit is adjusted with a set screw accessible through the front panel.	
Displays and Indicators	Voltage and overvoltage setting $3\frac{1}{2}$ digit LED display, current setting $3\frac{1}{2}$ digit LED display. LED indicators for power on, shutdown, remote, overvoltage protection, over temperature and front panel lockout, constant voltage and constant current modes.	
Overvoltage Protection	Output overvoltage (resets by cycling the enable/standby switch)	
Cooling	Internal fans with over temperature protection	
Rear Panel Control/Monitor		
Remote Sense	The maximum load line drop is up to the full voltage rating of the supply. The	



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Remote Sense Protection	drop in the load leads subtracts from the maximum voltage available for the load except as follows: maximum rated voltage is available at the load and voltage regulation. Unit will not be damaged due to misconnection of the remote sense leads
Remote Programming	Voltage, current (0-100%) and OVP (5-110%) of full scale can be programmed by selectable 0-5 VDC, 0-10 VDC, or 0-5 kΩ.
Remote Monitoring	Voltage or current can be monitored with user-selectable ranges, 0-5 VDC or 0-10 VDC
Operational Features	Master/slave parallel operation, up to 2 units can be connected in parallel with active current sharing control to within 10% of each supply. Series operation, up to 3 units of the same model type can be connected in series (consult manual). Negative terminal rated at 150 Vmax above ground
Software	LabVIEW® driver M9E/M85
Renowned Manufacturers like: Aplab ,Scientific, Croma, Agilent,Ametek	

Terms & Condition

1. **The scope includes:**
 - a. Setting up machine in IIT Kanpur.
 - b. Initial Installation and configuration.
 - c. Training.
2. **Bid Price**
 - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - b) All duties, taxes and other levies payable on the raw materials and components shall be included in the total price. **Except Central Excise Duty & CDEC** (custom duty), as IIT Kanpur is exempted from these duty.
 - c) Sales tax in connection with the sale shall be shown separately.
 - d) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
 - e) The Prices shall be quoted in Indian Rupees only.
3. Each bidder shall submit only one quotation.
4. **Validity of Quotation**



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Quotation shall remain valid for a period not less than 60 days after the deadline date specified for submission.

5. Evaluation of Quotations

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

- (a) are properly signed ; and
- (b) Conform to the terms and conditions, and specification

The Quotations would be evaluated separately for each item

Sales tax in connection with sale of goods shall not be taken into account in evaluation.

6. Award of contract

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive (includes technically suitable) and who has offered the lowest evaluated quotation price.

- 6.1 Notwithstanding the above, **the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.**
- 6.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.
- 7. Payment shall be 90% against the delivery and 10% after satisfactory installation & configuration.
- 8. Warranty/ guarantee shall be 60 months to the supplied goods.
- 9. You are requested to provide your offer latest by 2.30 p.m. hours on 29/11/2014
- 10. We look forward to receiving your quotations and thank you for your interest in this project.



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FORMAT OF QUOTATION *

Sl. No.	Description Goods	Specifications	Qty.	Unit	Quoted Unit Rate in Rs.	Total Amount	
						In Figures	In Words
	TOTAL						
	Sales Tax						

Gross Total Cost : Rs.

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs.(amount in figures) (Rs. amount in words) within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warrantee/guarantee of 60 months shall apply to the offered goods.

Signature of Supplier

SPECIAL CONDITION

SIDBI INNOVATION AND INCUBATION CENTRE, INDIAN INSTITUTE OF TECHNOLOGY KANPUR, KANPUR-208016

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1) Authorization from Manufacturer

In the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by the goods' Manufacturer or producer to supply the goods in India.

2) Proof of Manufacturing and past performance.

Details of experience and past performance of the bidder on equipment offered and on those of similar nature within the past one years and details of current contracts in hand and other commitments.

Dr. B.V Phani

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