



**STARTUP
INCUBATION AND
INNOVATION
CENTRE
IIT KANPUR**

Tender: **Ref NO: 4 Channel DC /AIML/ DJAC Building/IIT/FIRST/DP/17-11-2025**

To,
Foundation for Innovation
And Research in Science & Technology
IIT Kanpur Kalyanpur Kanpur UP 208016

Invitation for Quotations of equipment's for our DJAC Building at FIRST of IIT Kanpur.

Sealed Quotations (**technical bid and financial bid, separately inside the main envelop**) along with **Certificate or Authorization Letter** are invited as per the specifications provided in the below table for the items from the **authorized suppliers**. The sealed quotation should reach the undersigned on or before **27-11-2025** before **1700 hrs.** Through registered/speed post/courier/by hand.

The envelope must be inscribed with "Quotation for the Tender: **Ref NO: 4 Channel DC /AIML/ DJAC Building/IIT/FIRST/DP/17-11-2025**

The Quotations would be evaluated separately

4 Channel DC Power Supply

S. No.	Parameter	Specification
1	Type	Benchtop Supply with Inbuilt voltage and current display for each channel output
2	Voltage per channel	0-64 volts
3	Current Per channel	0- 10 amps
4	Output Power per channel	≥200 Watts min
5	Total output power	≥800 watts min
6	Other Functions	Should have Ramp & Arbitrary function
7	Data Logging capability	Should have data logging capability for each channel for current and voltage
8	Pulse width	10ms to 50S with 1ms increment
9	AC Input	100-240V, 50Hz
10	Phase	Single Phase
11	Voltage Ripple and Noise	<5mV (rms)
12	Current Ripple and Noise	<5mA (rms)
13	No. of Outputs/channels	Four (04) isolated Channels
14	Display	≥ 5" Touch display
15	Load Regulation (Voltage)	<0.01% of Vout 10mV
16	Load Regulation (Current)	<0.01% of Iout +5mA

Saravali

17	Load recovery time for 50 % to 100 % load change	< 500 μ s
18	Programming Resolution	
	Voltage	\leq 1mV
	Current	\leq 0.5mA
19	Readback Resolution	
	Voltage	\leq 1mV
	Current	\leq 0.5mA
20	Voltage Readback Accuracy	< 0.05% of rated output voltage +10mV
21	Current Readback Accuracy	< 0.10% of rated output voltage +5mA
22	Operating Temperature	5 to 40 ° C
23	Over Voltage Protection	Yes and should be adjustable for each channels
24	Over Current Protection	Yes and should be adjustable for each channels
25	Over Power Protection	Yes and should be adjustable for each channels
26	Weight(kg)	10 Kg max
27	Interfaces	LAN & USB
28	Warranty	Three (03) Years

Terms & Condition

1. Each bidder shall submit only one quotation.
2. FIRST reserves right to accept or reject any or all bid(s) without assigning any reason.
3. It may be mandated to present the bids in-person at FIRST, IIT Kanpur and bidder shall be ready for it without any prejudice.
4. The bidder should be a reputed vendor and should have establishment of more than 5 years old. Copy of certificate of Establishment should be provided with the Technical Bid.
5. 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.
6. Financial bids of technically qualified and approve bidders shall be opened.
7. Financial evaluation is purely done on the total financial implication.
8. Quotations from the bids that do not meet the technical criteria set in the tender document will not be considered irrespective of the price or any other criteria.



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9. Payment shall be made in full upon successful delivery and acceptance of the goods/services by the purchaser, in accordance with the agreed specifications and terms outlined in the contract.
10. In - Charge will be appointed by FIRST for supervision of work and verification of Bills.

Prof. Deepu Philip
Director, FIRST

Address for Quotation:

Prof. Deepu Philip

Office No. S7, Second Floor
FIRST, SIIC Centre, Sixth Avenue,
Indian Institute of Technology Kanpur
Kalyanpur, UP- 208016 INDIA