



INDIAN INSTITUTE OF TECHNOLOGY dhArwAD
ChikkamalligawAD, dhArwAD, KarnATaka - 580011

**FOR SUPPLY OF "Supply and Installation of 2 Channel DC Power supply (2x0~32V/0~5A)" INDIAN
INSTITUTE OF TECHNOLOGY DHARWAD**

NOTICE INVITING QUOTATIONS FOR LOCAL PURCHASE

1.	Description		FOR SUPPLY OF “ Supply and installation of 2 Channel DC Power supply (2x0~32V/0~5A) ” AT INDIAN INSTITUTE OF TECHNOLOGY DHARWAD
2.	Quantity		18 (Specs are given below)
3.	Procurement Category		Scientific Lab Equipment
4.	Procurement Type		Local Purchase
5.	Submission of Quotation: by email to mmd.office@iitdh.ac.in and armm@iitdh.ac.in		
6.	Cover No.	Cover Type	Description
	1	Financial/Price	Commercial Bid
7.	Form of Contract		Buy/Supply
8.	Bid Validity (Days):		30 Days
9.	Period of Work/Delivery Period (Days)		Delivery period of materials 20 days
10.	Payment Terms		Within 15 days from the date of delivery and receipt.
11.	Delivery Location		IIT dhArwAD Permanent Campus, ChikkamalligawAD, dhArwAD-580011, Karnataka, India
12.	Pin Code		580011
13.	Quotation Inviting Authority:		Assistant Registrar (MMD), IIT dhArwAD Address: IIT dhArwAD Permanent Campus, ChikkamalligawAD, dhArwAD-580011, Karnataka, India

Specifications for 2 Channel DC Power Supply (2 x 0~32V/0~5A) - Quantity - 18 Nos.

REGULATED DC POWER SUPPLY

<i>Sr. No.</i>	<i>SPECIFICATION</i>	<i>VALUE</i>
1	Output Voltage	0 – 32V DC
2	Output Current Range	0 – 5A
3	Control	Separate Coarse & Fine Control for Voltage & Current.
4	Line Voltage	230V AC $\pm 10\%$, 50Hz, Single Phase
5	Metering	3 Digit DPM to indicate O/P Voltage & Current separately
6	Mode of operation	CV, CC mode with LED indication
7	Constant Voltage Mode:-	
	Regulation (Line)	$\pm 0.05\% + 5\text{mV}$ for $\pm 10\%$ change in line output.
	(Load)	$\pm 0.05\% + 5\text{mV}$ for load change from zero to full load.
	Ripple and Noise	1mV rms max. 20Hz to 20MHz.
8	Protection	Overload & Short circuit.
9	Operating Temp. Range	0 – 50°C
10	Remote sensing	Remote Sensing for Distantly situated Loads.