



**Dept. of Applied Mechanics,**  
**Indian Institute of Technology Madras**  
**Chennai - 36**

**Prof. M. Ramasubba Reddy**  
**Head of the department**

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**Date: 04.12.13**

**Ref. No.: APM/AARO/2013/ENQ4**  
**Bipolar DC powersupply**

**Dear Sirs,**

**DUE DATE: 24.12.13**

1. Quotations are invited in duplicate for the various items shown in Enclosed list (Annexure - I).
2. The Quotations duly sealed and super scribed on the envelope with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The Quotations should be valid for sixty days from the due date and the period of delivery required, warranty terms etc. should also be clearly indicated. A minimum of one year warranty required.
4. Brochure detailing technical specifications and performance, list of industrial and educational establishments where the items enquired have been supplied must be provided.
5. Compliancy certificate is to be provided indicating conformity to the technical specifications.
6. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
7. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the Quotations, wherever applicable. Samples / machine/ equipment if called for should be submitted / demonstrated at free of charges, and collected back at the supplier's expenses.
8. Packing and delivery charges must be clearly indicated.
9. The rate of sales / General Taxes and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for Sales / General Taxes will be admitted at any stage and on any ground whatsoever The taxes leviable should take into consideration that we are entitled to have concessional Sales Tax applicable to non Government Educational Institutions run with no profit motive for which a concession. Sales Tax Certificate will be issued at the time of final settlement of the bill.
10. Goods should be supplied carriage paid and insured.
11. Goods shall not be supplied without an official supply order.
12. Payment: Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.
13. In case of LC. payment, 90% of the payment will be made after completion of the supply. The balance 10% of the payment will be made after satisfactory installation of the software.
14. IIT Madras is exempt from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. IIT Madras will make necessary arrangements for the clearance of imported goods at the Airport/Seaport. Hence the price should not include the above charges.
15. **Acceptance and Rejection:-** I.I.T. Madras has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

Yours faithfully

Professor & Head, Department of Applied Mechanics.

## ANNEXURE – I

Ref.. No.: APM/AARO/2013/ENQ4

Date: 04.12.13

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SL. NO.	DESCRIPTION	QUANTITY
1	<b>INPUT</b>	
	AC VOLTAGE	210-250vac
	FREQUENCY:	47-65 Hz
	<b>OUTPUT:</b>	
	DC OUTPUT	Bi-DIRECTION, SERIES PASS 0 to $\pm 50V$ 0 to $\pm 8A$
	CLOSED LOOP GAIN	Volt Ch: 5 Current Ch: 0.8
	BANDWIDTH (DC F-3DB)	2.7 KHz
	TYPE OF STABILIZER	AUTOMATIC CROSS OVER
	VOLTAGE	0 TO 100% OF RATING (BiPOLAR)
	CURRENT	0 TO 100% OF RATING (BiPOLAR)
	ERROR SENSE	0.5v PER LOAD WIRE
	ISOLATION VOLTAGE	500 v DC ORPEAK
	LEAKGAE CURRENT	5 Microamperes
	OUTPUT TO GROUND	50 Microamperes
	SERIES CONNECTION	500 V
	PARALLEL CONNECTION	Current Sharing
	<b>CONTROL</b>	
	TYPE (V/I)	Variable Input/Fixed Gain
	Voltage/Current -Local	10 turn zero-center pot
	-Remote analog	-10V to +10V
	- Local Digital	GPIB

Note:

The sealed quotation to be sent to

The Professor & Head,  
Dept. of Applied Mechanics,  
IIT Madras, Chennai-600036,  
Tamil Nadu, India