



INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036
DEPARTMENT OF ELECTRICAL ENGINEERING

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Professor

Ref: EDD/1415/028/CPRI/NILE

Date: 12.11.2015

DUE DATE: 26th November 2015, 3 PM.

(26.11.2015, 3 PM)

Sub: Enquiry for supply of Voltage/current Source - 1 No

Dear Sir/ Madam,

1. Quotations are invited for the supply of above item as per the specification given below:
2. Specifications:

Specification Parameters	Description
Input	400 VLL 10%, 3 phase, 3 wire
Output Voltage	0 - 300 Vrms
Current	Single phase mode: 22A; Three phase mode: 7A per phase
Power	3 KVA
Frequency	45 Hz to 1000 Hz
Repetitive Peak Current	6 x RMS current at FS
Load Regulation:	0.1 % FS
Line Regulation	: 0.02% for 10% input line change
Stability	: $\pm 0.05\%$ FS, 24 hours, constant line, load and temperature, ALC on.
Temp Coefficient	: ± 0.05 V/ $^{\circ}$ C
Output Noise:	< 100 mVRMS typical
Waveforms	Sine, square, clipped, user defined
	Arbitrary waveform generation, harmonic analysis measurements, Harmonics up to the 50th harmonic (for fundamental frequencies up to 250 Hz) and total harmonic distortion of both voltage and current
Memory	16 complete instrument setups and transient lists, 100 events per list.50 User defined waveforms
Protection	Input Over current, Input Over voltage Transients, Output Over current, Output Short Circuit, Over temperature
Display	LCD display
Interface	RS232C, USB

3. The Quotations duly sealed and superscribed on the envelope with the reference no. and due date, should be addressed to the undersigned so as to reach on or before the due date stipulated above.
4. The quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated.
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the quotations, wherever applicable. Samples if called for, should be submitted free of charges, and collected back at the supplier's expenses.
6. Goods should be supplied carriage paid and insured.
7. Goods should not be supplied without an official purchase order.
8. Payment: Every attempt will be made to make payment within 30 days from the date of receipt of bill/acceptance of goods, which is later.

N.J. Vasa
N.J. Vasa (PI)

Yours sincerely,
R. Sarathi
R. Sarathi (CO-PI) 12/11/15