



International and Inter University Centre for Nanoscience and Nanotechnology

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Dr. NandakumarKalarikkal
Hon:Director

Date: 01/09/2018

Quotation No.10/Qut-TendIIUCNN/2018-2019

INVITING QUOTATION

Competitive quotations are invited from companies/firms for supplying the instruments mentioned below at the International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN), Mahatma Gandhi University, Kottayam.

Name of the scientific equipment	Triple output DC power supply. (Detailed specifications are given below)
Last date and Time of submission of relevant documents by speed post	15 th September 2018, 3.00 PM
Date and time of opening of technical bid	17 th September 2018, 11.00 AM

IIUCNN reserve the right to accept or reject any/all quotations without assigning any reason whatsoever. For more details, please visit www.iiucnn.com or <https://www.mgu.ac.in/>

Regards

Sd/-
Hon.Director

Specification of Triple out put DC power supply

No.of out puts	3, Fully isolated
Operation	Out puts should be possible to make series and parallel connections
Output voltage&Current	0-30V, 0-3A - 2nos and 0-5V, 0-3A – 1no
Total Power	195W
Load Regulation	Voltage $\leq 0.02\% + 4 \text{ mV}$, Current $\leq 0.2 + 3 \text{ mA}$
Line Regulation	Voltage $\leq 0.02 + 4 \text{ mV}$, Current $\leq 0.2 + 3 \text{ mA}$
Ripple and Noise	Voltage $\leq 1 \text{ mV RMS} / \leq 3 \text{ mV p-p}$ (20Hz to 20MHz) Current $\leq 6 \text{ mA RMS}$
Setting Resolution	Voltage 10 mV, Current 1 mA
Setting Accuracy	Voltage $\leq 0.06\% + 20 \text{ mV}$, Current $\leq 0.2 + 10 \text{ mA}$
Readback Resolution	Voltage: 10 mV, Current: 1 mA
Readback Accuracy	Voltage : $\leq 0.06\% + 20 \text{ mV}$, Current : $\leq 0.2 + 10 \text{ mA}$
Display	Vacuum fluorescent display with 5 digit for Voltage and 4Digit for current indication Simultaneous display of all 3 channels voltage and current should be available
Memory	20 setup memories.
CONNECTIONS	Front: Power output jacks: 3 sets, safety-shrouded banana jacks. Rear: DB9 connector for remote control
Input	230V, 47 to 63Hz
Power consumption	750 VA Max

TERMS AND CONDITIONS:-

1. The quoted Price should be inclusive of all taxes/freight/Installation etc
2. Customs/ Excise Duty Exempted price should also be quoted
3. The quotation should have at least Three Months validity
4. Brand name of the equipments should be mentioned and Brochure to be enclosed
5. Warranty conditions, nearest servicing centers details, user reference, necessary supporting catalogues and demonstration should be provided
6. The right to accept or reject quotes without assigning any reason rests entirely with the undersigned
7. If the product has a Valid DGS & D rate contract, it may be quoted
8. If the date of receipt and opening of quotation is declared a holiday, the next working day shall be the last day for the purpose.
9. Atleast two users should be trained by the application engineers during the time of installation.
