

Ref. No.: IIT (BHU)/EE/2018-19/98

Posting Date: 28-11-2018

Closing Date: 14-12-2018

Tender Opening date: 15-12-2018

Dept. Name: Electrical Engineering

Tender Description:

Please submit your lowest quotation for supplying the under mentioned items. Quotation in duplicate must reach "The Head, Deptt. of Electrical Engg., IIT(BHU), Varanas-221005" before the date marked above and should contain the following information:

1. Full specification and make of the item offered and its rate F.O.R. Varanasi/CIF New Delhi.
2. Sales tax at concessional rate as applicable to educational institution.
3. Your sales tax registration number and TAN number.
4. Conditions of supply and terms of payment.
5. If you are a manufacture of the item or if you have proprietary right over it, please mention it in the quotation and provide a certificate.
6. Please mention your agency commission in Indian Rs., if applicable (in case of imported items).
7. Please give undertaking as per annexure-I-B and annexure I-C

Quotation must be sent in a **sealed envelope** with our reference number, and due date as given above, clearly marked over it

Programmable DC Power Supply with the following features

- Output DC Voltage $V_{DC} = 600$ V,
- Output Power $P_{DC} = 5$ kW
- Output Current $I_{DC} = 8$ to 9 A
- Remote programming with USB / LAN / GPIB / RS232
- Inherent protection against high voltage, high current and Short circuit
- GUI interfacing for programming and data acquisition

Optional features:

- Capable of emulating Solar PV Characteristics
- Preloaded different solar PV characteristics including shading conditions
- MPPT visualization for Solar PV
- Battery characteristics Emulation