

Ref. No.: IIT (BHU)/EE/2018-19/100

Posting Date: 30-11-2018

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 Three phase AC and DC Electronic Load with the following features

- 3 phase Power: 5 kW
- RMS Voltage Range: 50 V to 350 V (per phase)
- RMS Current Range: up to 18 A
- Peak Current: up to 54 A
- Frequency Range : 45 ~ 440Hz, DC
- Crest Factor Range : 1.414 ~ 5.0
- Power Factor Range : 0 ~ 1 lead or lag
- DC Operating Modes: Constant Current, Constant Resistance, Constant Voltage, Constant Power for DC Loading
- AC operating Modes: Constant & Rectified Load Modes for AC Loading
- Monitoring: Analog Voltage & Current
- Communication Interface: USB/GPIB/ RS-232/LAN
- Protection: Over Current, Over Voltage and Over Temperature protection
- Display: voltage, current, power factor, crest factor, real power, reactive power, frequency, frequency, peak current and THD.
- Short circuit simulation.