

**Ref. No.: IIT (BHU)/EE/2018-19/99**

**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

**Three phase Programmable AC Source with the following features**

- Single or three phase settings should be available
- Per phase Output Voltage 300 V AC,
- Three phase power 4.5 kVA
- Output Frequency 15-1 kHz
- Remote programming with USB / LAN / GPIB / RS232
- Inherent protection against high voltage, high current and Short circuit
- GUI interfacing for programming and data acquisition
- Able to emulate power quality issues such as voltage sag, swell, harmonics, inter harmonics, unbalance etc.
- Should have high output current crest factor
- Should be able to test inrush current
- Low distortion in output voltage(According to IEEE Standards)