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Closing Date: 13/11/2017

New Enquiry Date: 15/11/2017

New Closing Date: 22/11/2017

Subject: Inviting sealed quotation for pulsed high voltage power supply.

Dear Madam/Sir,

Sealed Quotations are invited for pulsed high voltage power supply. The desired specifications of the pulsed high voltage power supply are given below.

Technical Specifications:

- Input Voltage: 230 V \pm 10% AC, 50Hz, single phase
- Output Voltage Range: 0 to 15 kV (Peak to peak)
- Output Power range: 0-500 W
- Output waveform: Rectangular wave
- Line regulation: \pm 1% for \pm 10% variation in input voltage
- Frequency: 10 kHz fixed
- Duty cycle: 10 to 50%
- Regulating mode: constant voltage
- Voltage and duty cycle control: Preferably by 10 turn potentiometer on front panel
- Front panel: -Power ON/OFF switch with indication
-HV ON/OFF switch with indication
-Preferably at least 3½ digit voltage and current meters

- Back panel:
 - Socket for main input with 250 V
 - 10A 3 conductor power cord of at least 1.5 meters
 - Fuse holder with fuse
 - Terminal to check output waveform a must
 - Terminal for HV output with at least 10ft detachable HV cable
 - Stud for grounding unit
- Cabinet : Preferably 19” rack and powder coated
- Protection :
 - Against overload ,Short circuit and arc
 - During short circuit, power supply trips and can be reset manually

Terms and Conditions:-

1. Maximum educational discounts should be applied – this equipment will be used for research purposes only.
2. Validity of quotation should be at least 60 days.
3. The delivery period should be specifically stated.
4. Mode of delivery: CIP, IIT Kanpur.
5. Warranty period should be mentioned (preferably two years) and whether after-sale services are available in India or not.
6. Quotation should carry proper certifications like authorization certificate, proprietary certificate, etc. (if applicable).
7. Technical bid and financial bid should be separately sealed in the same envelope and should be sent by speed post/courier to the address mentioned in the letter head. Soft copy of the quotation will not be accepted.
8. Please mention tender notice number on top of envelope.