

Indian Institute of Technology Kanpur
Department of Chemical Engineering

Enquiry Number: CHE/YMJ/02,

Dated: September 9, 2013

Opening date: September 9, 2013
2013

Closing date: September 16,
2013

Sealed quotations are invited for the supply and installation of 8.5kVA sine wave Online Inverter:

Sub: 8.5kVA sine wave Online Inverter (3.5 kVA for Rheometer, 5kVA for compressor)

Technical specifications:

- 1) noise free sinusoidal input to equipment
- 2) 6-7hr back up
- 3) 230 V - 20 % + 15 % Three Phase
- 4) 50Hz \pm 10 % - Should Work on Generators
- 5) Output Voltage - 220 / 230 V AC Single Phase
- 6) Voltage Regulation - \pm 1 %
- 7) Frequency 50 Hz \pm 0.05 Hz
- 8) Waveform - Sinewave
- 9) Harmonic Distortion - Less than 3 %
- 10) Efficiency - > 92 %
- 11) Power Factor - 0.8 Lagging
- 12) Overload - 110 % for 10 Minutes.
- 13) Digital Metering Available for Output Voltage / Battery Voltage / Output Current / Output Frequency

Terms and conditions:

- Technical and financial details should be in separate envelope.
- Maximum educational discounts should be applied
- Validity of quotation should be at least for 60 days.
- Price should be on FOR IIT Kanpur & should include the installation and training cost.
- Institute is exempted for payment of Excise Duty under notification No. 10/97.
- Warranty/Guarantee should be clearly mentioned.
- Normal payment terms for the institute will be applicable (90% on delivery of the items and remaining 10%

after satisfactory installation/inspection).

- Quotation should carry proper certifications like agency certificate, proprietary certificate, etc.
- The delivery should be specifically stated. Earlier delivery may be preferred.
- The indenter reserves the right to withhold placement of final order. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.

We would prefer quotes that combine each item and offer a special package.

Kindly send the quotation (in duplicate) in sealed envelope latest by 16.09.2013 to the following address.

Prof. Y. M. Joshi

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