

Department of Electrical Engineering

Indian Institute of Technology, Kanpur

1st June 2015

Reference No: IIT/EE/LB/2014-15/P/06

Subject: Inviting sealed quotations for four limbs three phase IGBT based Inverter

Sealed quotations are invited for four limbs three phase IGBT based Inverter for research purpose. Quotation is requested for 5 units. The requirements for each unit are mentioned below:

Features:

Topology : DC to AC

Rated power : 5KVA

Input Voltage (DC-Link) : 800V DC

Output Voltage (AC) : 415V AC (Controllable)

Output Current : 20 A max

Switching Frequency : 10k Hz max

Limbs : 4 limbs

No. of switching IGBT's : 8 Number with mounted on appropriate Heat sink

Ambient Temperature : 35° C.

Force Cooling : Air Cooling Fan

Inverter should be in an enclosure and should come with driver card, DC link Capacitor, Thermal sensor (for Protection).

Terms and conditions:

- Maximum educational discounts should be applied
- Institute is exempted for payment of Excise Duty under notification No. 10/97
- Validity of quotation should be at least for 60 days.
- 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.

Extended date for submission of quote is 20th June 2015, (5PM).

The Quotation in sealed envelope should be sent to the following address:

Dr. Laxmidhar Behera

Professor.

WL-Room No. 212A

Email: lbehera@iitk.ac.in

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