

Request for Quotation

REF: AE/AK/GATET/02

Sub : Quotation for supply of: **Electric motor and variable frequency drive**

With reference to the subject mentioned above, you are invited to submit the quotation in a sealed cover in order to reach us before 06/04/2013 in the form of a hard copy and soft copy to the address mentioned below.

The soft copy of the model quotation can also be downloaded from our website at <http://www.iitk.ac.in/infocell/tender/tendernotice.htm>

Technical details of the store are as follows;

Minimum shaft power of motor	90 kW
Maximum permissible frame size	250 mm
Supply Voltage	415V +/- 10% AC
Frequency	50 Hz +/- 5%
Phase	3 phase
Pole	2
Motor Speed	3000 rpm (Syn)
Mounting	B3 (foot mounting)
Duty	S1 (continuous)
Type of enclosure	TEFC
Starting	VFD

The variable frequency drive (VFD) should be compatible with the above motor. The VFD should have an external control panel, with provisions to change frequency from analog signals.

The motor and VFD will be required for the purpose of driving an axial fan (direct-drive) in a closed-circuit wind tunnel.

Best regards,
Sincerely,

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