Tender document

Department of Aerospace Engineering Indian Institute of Technology Kanpur Kanpur (UP) 208016 India

Enquiry date: 25/July/2019 Last Date: 02/August/2019

Enquiry No: IITK/AE/AKG/2019-20/11

Sealed quotations are invited for **Purchase of EMRAX 228 MOTOR**. The detailed specification of the MOTOR is described below.

Dr. A. K. Ghosh

Department of Aerospace Engineering Indian Institute of Technology Kanpur Kanpur 208016, India

Terms and Conditions:

- 1. The OEM Submitting the proposal should be manufacturer of this motor.
- 2. Quotations must be valid at least for three months.
- 3. Delivery period will be 8-10 weeks.
- 4. Prices should be F.O.B. Kanpur.

Specifications of the EMRAX 228 MOTOR:

- ➤ EMRAX Single
- ➤ High Voltage (HV)
- ➤ Air Cooled (AC)
- ➤ No Coolant fittings
- For radial-axial forces, pull-push mode (PP)
- > Standard motor shaft and Flanged motor shaft on the front side of the motor (FSI)
- Encoder RM44SC on the back side of the motor
- > X shaped bracket
- ➤ Double (2 x UVW)
- Intended use: Vertical Take-off and Landing, Two-Seater, All Electric Aircraft.