**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**.**