

**Indian Institute of Technology Kanpur**  
**Department of Aerospace Engineering**

Enquiry No. AE/KP/2016-17/Propeller assembly

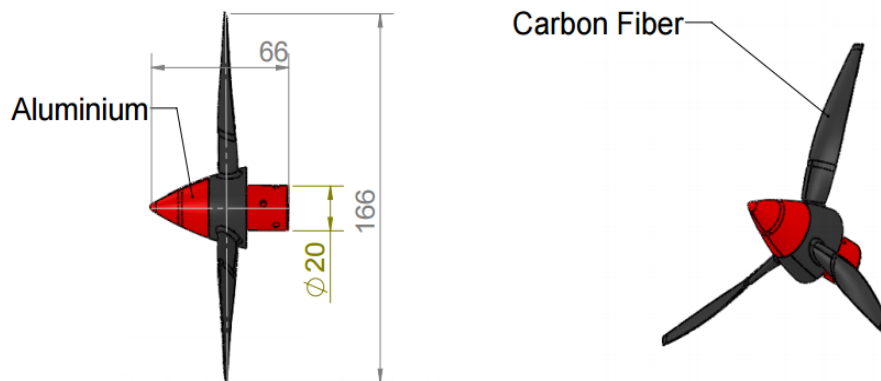
Enquiry Date: December 13, 2016

Closing Date: January 16, 2017 \*Extended

**Subject: Fabrication of dynamically balanced propeller assembly**

**Technical Requirements:**

The overall dimension (in mm) of the propeller assembly is given below for a particular blade pitch setting. Three designs of blades will be provided to the selected bidder for fabrications.



- Propeller has to run at 24000 RPM
- Propeller for three pitch settings (17°, 21°, 25°)
- A total of 18 propeller sets (6 for each pitch setting)
- A set means fully balanced propeller assembly as per figure.
- No of sets order decision can be reduced as per budget constraints, however minimum order will be for 12 sets (4 for each pitch setting)

**Basic Tolerances:**

- Lengthwise : +/- 0.1 mm
- Chord Wise : +/- 0.01 mm
- Surface finish requirement: 5Ra
- Inspection report should be provided.

**Terms and Conditions for Supply of the Items listed in the above Table:**

1. All sealed quotations should reach the undersigned by **January 16, 2017**.
2. Validity of the quotations should be at least for **60 days**.
3. Delivery period within **06-8 weeks** from date of Purchase Order.
4. Please mention tax rates clearly, if applicable.
5. IIT Kanpur is exempted from excise duty.
6. Payment Terms: As per the Institute Rules i.e. 90% against delivery & 10% against successful installation.

**Address for the Quotation:**

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