

## ANNEXURE A - Rotors

**Objective:** To obtain quotations for manufacturing the aerofoil components listed below through IIT Madras and GE collaboration project.

1	Rotor
2	Nozzle Ring

The components are part of turbomachinery which operates with pressured air.

**Work scope:**

Quotations are requested for **2 quantities** as per following requirement.

Inputs provided by IIT Madras and GE Project team:

1. CAD Models
2. Drawings

Above items will be provided to you through secured GE box folder.

**Supplier Scope will be as follows**

- Manufacture the hardware as per drawings requirements and CAD models provided by GE and IIT Madras project team.
- Material test coupons (test specimen) manufacturing, test certificates for strength and chemical composition are required
- 100%-Dimensional report inspected through NABL certified instruments
- Quality report for Heat treatment and other special processes as per the drawing notes

**Other notes**

1. Manufacturing suppliers may engage other suppliers for components manufacturing and or special processes following NDA process meeting GE & IIT Madras Collaboration project requirements. Other suppliers need to be ready to enter into NDA with the project team.
2. If the supplier has capability to perform sub-system and/or prototype level performance testing, they may indicate their capabilities for further discussion on testing requirements with the IIT Madras and GE project team.

## Guidelines for Quotation

Quote should be as per the details below.

- 1) Lead time from PO date
- 2) Price per Piece (INR)
- 3) Tooling cost/NRC (If applicable)

1. Company/Institution Name: Indian Institute of Technology, Madras.

2. Billing Address: Indian Institute of Technology, Madras,  
Chennai - 600 036.  
India.

3. Contact Person & Designation: Dr.B.V.S.S.S.Prasad  
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