Indian Institute of Technology, Kanpur
National Wind Tunnel Facility

Inquiry no: IITK/NWTF/SS/2023-24/005
Opening Date: August 31, 2023
Closing Date: September 9, 2023

Subject: Quotation for fabrication of Sting support for wind tunnel model of RTA

With reference to the above mentioned subject you are invited to submit the quotation to reach us before the closing date in a sealed cover to the address mentioned below. To get the details on the Sting Support configuration and for any other queries please send a request to Mr. Sharad Saxena at saxenas@iitk.ac.in

The prospective suppliers are requested to send the quotation detailed technical specifications of the sting to be fabricated. It should also include the details of the machine bed size, specification and methodology to be followed for CMM analysis and contents of the CMM analysis report. It is mandatory to provide past experience for wind tunnel model design, fabrication.

The quote should also contain the detailed cost of fabrication including the taxes, service charges if any, shipping and handling charges.

Technical Specifications

1. Acceptable Tolerances:
   a. Length: +/- 0.5mm
   b. Contour profilarity: +/- 0.05mm
2. Surface finish has to meet the following requirements:
   a. All Aluminum components to be anodized.
   b. All steel components to be electroplated.
   c. Surface roughness should be less than 1 Ra.
   d. There should not be any kind of step after assembly
3. Drawings and cad model of Sting Support can be obtain from:

Mr. Sharad Saxena
National Wind Tunnel Facility
Indian Institute of Technology
Kanpur- 208016
UP
Email: saxenas@iitk.ac.in

Terms and Conditions

1. Fabricated and assembled in all respects with required inspections.

2. The schedule to be followed from the date of receipt of PO must be clearly defined. NWTF reserves the right to negotiate the proposed schedule.

3. Vendor should have prior experience of carrying out design and fabrication of Wind Tunnel model for scaled down aircraft configuration. He should provide the required documents as a proof.

4. Vendor should have in-house facilities or external support from reliable fabricators with CNC milling /lathe machine capable of machining components of length up to 2m at once.

5. Model will be accepted only after demonstration of its dimensional accuracy and overall integrity as per the specifications.

6. Validity of the quotation should be at least 60 days.

The bid should reach on or before the closing date to
The Coordinator
National Wind Tunnel Facility (NWTF)
Indian Institute of Technology Kanpur
Kanpur, UP- 208016