

Indian Institute of Technology, Kanpur
National Wind Tunnel Facility

Date: Dec. 27, 2016

Enquiry No. NWTF/IITK/2016-17/10_**Date Extended**

Closing Date: February 03, 2017

Sealed Quotations are invited on the following address from the reputed Vendors/Fabricators for design and fabrication of 750 mm chord multi element aerofoil model. To get details on the aerofoil coordinate and for any other queries, please contact to **Dr. Chaturi Singh** at chaturi@iitk.ac.in.

Prospective Vendors/fabricators are requested to send their quotations in a sealed envelope within closing date.

Terms and Conditions

1. Wind Tunnel Model has to be fabricated and assembled in all respects with required inspection plan.
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. Acceptable Overall Tolerances:
 - a. Model length: +/- 1 mm
 - b. Profile of aerofoil: +/-0.02 mm
 - c. Flaps angle setting accuracy : +/- 0.1°
4. Surface finish has to meet the following requirements:
 - a. All Aluminum components to be anodized.
 - b. Surface roughness of metallic parts: 5 microns or better
5. Model will be accepted only after demonstration of its dimensional accuracy and overall integrity as per the specifications.
6. A report has to be submitted on the dimensional accuracy and overall integrity of the fabricated model based on inspection.
7. Inspection is to be in two stages.
 - a) Inspection of parts and assembly at fabrication site.
 - b) Inspection of the complete at NWTF, IIT Kanpur.The model received by NWTF at the test site will also need to be assembled, inspected and certified by the vendor.
8. Validity of the quotation should be at least 60 days.
9. 30% payment will be released after completion of model design and inspection plan documents. The remaining 70% will be released after assembly of model at IIT and acceptance of the complete model and preliminary test runs are completed in the NWTF tunnel.

Address for the Quotation:

Dr. Chaturi Singh
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