Indian Institute of Technology, Kanpur
National Wind Tunnel Facility

Date: Feb. 23, 2017

Enquiry No. NWTF/IITK/2016-17/17(Date Extended)*
Closing Date: March 14, 2017*

Sealed Quotations are invited on the following address from the reputed Vendors/Fabricators for design and fabrication of 610 mm chord and 654 mm Span **Delta Wing Model** having thickness of 22.22 mm. To get details on the CAD model and Respective dimension and for any other queries, please contact to **Mr. Sharad Saxena** at saxenas@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 chord, and span : +/- 0.5 mm
   b. Leading edge and Trailing edge Profile: +/-0.1 mm
   c. Accuracy inside hollow portion +/-0.1 mm.

4. Surface finish: Ra20

5. Total 260 number of holes of nominal diameter of 1 mm drilled perpendicular to outer surface. Details of hole locations will be provided.

6. Aluminum 7075 T6 grade has to be used for fabrication.

7. All Aluminum components to be black anodized.

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

10. A report has to be submitted on the dimensional accuracy and overall integrity of the fabricated model based on inspection.

11. Inspection of parts and assembly at fabrication site.

12. Validity of the quotation should be at least 30 days.

13. Full payment will be released after assembly of model at IIT and acceptance of the complete model.

Address for the Quotation:

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

Delta wing Model basic Dimensions

609.6

Figure 1: TOP VIEW OF MODEL
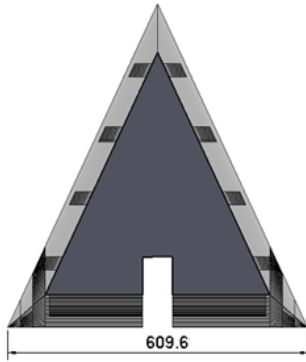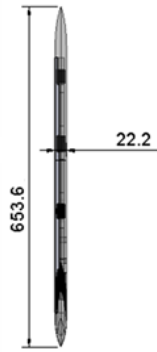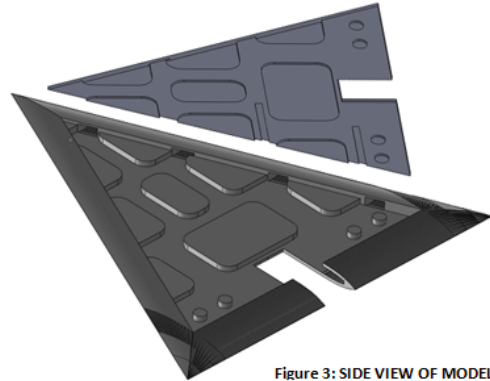

653.6

22.2

Figure 2: SIDE VIEW OF MODEL

Figure 3: SIDE VIEW OF MODEL