

Indian Institute of Technology, Kanpur
Department of Aerospace Engineering

Inquiry no: AE/KP/2013/03

September 23, 2013

Closing date: October, 7, 2013

Subject: Quotation for fabrication of Wind Tunnel test model of flying wing configuration

With reference to 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 fabrication drawings and for any other queries please send a request to **Dr. Kamal Poddar** at kamal@iitk.ac.in

The prospective fabricators are requested to send the quotation in two parts as “**Technical Bid**” and “**Financial Bid**”. The technical bid should contain the detailed technical specifications of the model to be fabricated including the machine bed size, specification and methodology to be followed for CMM analysis and contents of the CMM analysis report. The financial bid should contain the detailed cost of fabrication including the taxes, service charges if any, shipping and handling charges. Both parts of the quotation should be clearly and appropriately marked as “Technical Bid” and “Financial Bid”.

Terms and Conditions

1. The fabricated model has to be of ABS material.
2. Inaccuracy of not more than +/- 0.05mm for every 100mm is only acceptable.
3. If any model parts are to be cut in to subparts for ease of manufacturing then each part and subpart should contain specific locating points to ensure dimensional stability of the model after integration.
4. Surface of the model should be of high gloss finish without any deviation in the actual profile when compared to the fabrication drawings.
5. CMM analysis has to be done on the subparts and on the parts after integration.
6. A detailed CMM analysis report giving the overall integrity and dimensional accuracy of the fabricated model in comparison to the fabrication drawing has to be submitted.
7. Machine to be used for fabrication should not have the bed size of less than 600mm x 300mm x 300mm.
8. Model will be accepted only after demonstration of its dimensional accuracy and overall integrity as per the requirement.
9. Validity of the quotation should be atleast for 60 days.
10. Delivery of the model should be done within 30 days from the date of purchase order.
11. 100% payment will be made only after delivery of the accepted fabricated model.

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