



**Department of Aerospace Engineering
Indian Institute of Science
BANGALORE-560 012**

Pre bid – “Expression of Interest”

IISc is looking for vendors for the supply of a shock tube of internal diameter 450 – 460 mm and external diameter of 500 – 510 mm. The total length of the shock tube will be 22 m. A flow expander to a diameter of 1000 mm, and a safety tank at the end of the expander are also required. Appropriate metal structure to support the shock tube, associated hydraulic systems for the movement of the tubes and machine foundation design are also part of the scope of the bidder. Sizing/design drawings for the equipment will be provided by IISc, based on which the bidder will generate engineering drawings prior to commencement of work. ***Vendors with previous experience in building shock tubes and with interest in taking up the work are requested to submit the pre-bid documents to the undersigned on or before 31st August 2021, 5.30 PM.*** Kindly include technical details about the previous shock tubes built (include copy of purchase orders), documentation related to previous work/research related to shock tubes, CVs of employees/consultants with a track record of working with shock tubes and any other relevant information. ***The soft copy (pdf format preferably in one file) of the pre-bid documents may be sent to chair.aero@iisc.ac.in One set of hard copy of the document may be mailed to The Chairman, Dept. of Aerospace Engineering, Indian Institute of Science, Bangalore – 560 012.*** Clearly indicate pre-bid “Expression of Interest” for supply of Shock Tubes on the cover. In case of any technical clarifications reach Prof. Jagadeesh, Dept. of Aerospace Engineering, IISc, via E-mail: jaggie@iisc.ac.in with a copy to chair.aero@iisc.ac.in (In the subject line mention technical queries on pre-bid – Shock Tubes).

IISc reserves the right to reject any/or all the EOIs without assigning any reasons whatsoever.

CHAIRMAN
Dept. of Aerospace Engg. IISc.