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**Department of Microbiology and Cell Biology
Indian Institute of Science
BANGALORE - 560012**

Pre - Bid "Expression of Interest"

IISc is looking for vendors for the supply of a shock tube system to be utilized for the study of trauma induced brain injury on various animal models. The system comprises a shock tube of internal diameter 240 – 250 mm and external diameter 270 – 275 mm, a flow expander to a size of 750 mm sq., and a safety tank. Appropriate metal structure to support the system, associated hydraulic systems for movement of the sections, and other accessories as necessary is also part of the scope of the bidder. Sizing/design drawings and the specifications of the material used for the equipment will be provided by IISc, based on which the bidder will generate engineering drawings prior to commencement of work. Installation and commissioning of the system in a laboratory of IISc's choosing anywhere within India is within the scope of the bidder. **Vendors with previous experience in building shock tubes for specified target shock overpressures and decay times, and with interest in taking up the work are requested to submit the pre-bid documents to the undersigned on or before 29th May 2023 by 4.00PM.** Kindly include technical details of 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 formation preferably in one file) of the pre-bid documents may be sent to chair.mcb@iisc.ac.in. One set of hard copy of the document may be mailed to The Chair, Dept. of Microbiology and Cell Biology, Indian Institute of Science, Bangalore – 560012 on or before 29th May 2023 (It is mandatory to submit the hard copy)** Clearly indicate Pre – bid "Expression of Interest" for supply of shock tube on the cover. In case of any technical clarifications, you may reach Prof. Dipshikha Chakravorty, Dept. of Microbiology and Cell Biology, IISc via E-mail at dipa@iisc.ac.in with a copy to chair.mcb@iisc.ac.in. In the subject line, mention technical queries on pre-bid: Shock tube.

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



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