

**INDIAN INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING**

Enquiry letter for purchase of Droplet Generator

Sub: Quotation for supply of Droplet Generator for calibration of existing LDV/PDPA system

Reference: IITK/CE/2018-19/0320

Dated: June 29, 2018

Sir/Madam,

We are inviting bids for a Monosize Droplet Generator capable of producing drops of uniform size (between 30-100 μm or better) in conjunction with the existing LDV/PDPA system supplied by TSI Incorporated, USA. Following specifications need to be met –

- Monosize Droplet Generator consisting of syringe pump and 60 cc syringe (QTY: 1)
- Signal generator (QTY: 1)
- Droplet Generator head/reservoir (QTY: 1)
- Orifices with diameter: 25, 50 and 100 μm (QTY: 1 Each)
- X-Y traverse stand (QTY: 1)
- Should work on the principle of applying period excitations to a reservoir containing test fluid (e.g. water) so as to produce a laminar jet.

The Monosize Droplet Generator (MDG) MUST be Compatible with the existing LDV/PDPA system from TSI Incorporated, USA. Details can be provided upon request.

The quotation should have the following details:

1. Cost of the item and accessories and installation charges, if any
2. Technical specifications in detail
3. Warranty period
4. Educational discount considering end use for research and teaching

Terms and condition:-

1. Sealed Quotation must reach the undersigned on or before July 11, 2018
2. Payment will be 90% after delivery and 10% after installation.
3. Please include Proprietary Certificate if applicable.

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