

Global Tender Notification for the procurement of a digital micromirror device

The Indian Institute of Science (IISc), Bangalore, seeks the supply of a digital micromirror device (DMD) for a 3D bioprinter. The technical specifications, including terms and conditions, are provided below. The last date of submitting quotes is mentioned below.

GTE Approval number: IISc-GTE-2022-221

Terms and conditions:

1. The quote should come only from an Original Equipment Manufacturer (OEM) or their Indian authorized distributor.
2. The sealed bid must be submitted in two individually sealed parts, one each for the technical bid and the commercial bid. The technical bid should contain all commercial terms and conditions, except the price.
3. The technical bid must contain a technical compliance document, preferably in the form of a table responding against each specification. Any deviation from the specification should be provided.
4. The vendor/company should have a track record of having previously supplied at least five similar items (optical parts) in India in the past five years (please furnish the details).
5. The offer shall be valid at least 60 days from the date of opening of the commercial bid.
6. The vendor/company should have existed for a minimum of 3 years. (Enclose Company Registration Certificate). The vendor/company must not be blacklisted/banned/suspended or have a record of any service-related dispute with any organization in India or elsewhere.
7. The Institute reserves the right to accept or reject any bid or to annul the bidding process and reject all bids at any time prior to the award of contract without thereby incurring any liability of the affected bidder or bidders.
8. Notwithstanding anything specified in this tender document, IISc Bangalore, in its sole discretion, unconditionally and without having to assign any reason, reserves the rights:
 - a. To accept OR reject the lowest tender or any other tender or all the tenders.
 - b. To accept any tender in full or in part.
 - c. To reject the tender, offer not conforming to the tender terms.
9. The tender documents should be sent to the following address to reach the latest by 23rd December 2022.

The Chairman, Department of Materials Engineering, Indian Institute of Science, C.V Raman Avenue, Bangalore 560012

Technical specifications:

- Digital Micro-mirror Device (DMD): .95" UV
- Window Coating: UV
- Resolution: 1920 x 1080 (1080p)
- Micromirror Pitch: 10.8µm

- Controller Interface: USB 2.0 and/or USB 3.0
- USB Transfer Rate: 100*fps
- Pattern Rates: 1-bit - 100Hz
- Must include power-supply, cables, controller board, necessary GUI software for evaluation and prototyping+D63