

OPEN DOMESTIC TENDER NOTICE

Supply and Installation of Nanoparticle Tracking Analyzer



TENDER DOCUMENT

**Department of Bioengineering
Indian Institute of Science, Bangalore**

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BID SCHEDULE

1	Tender date	25 th June 2024
2	Item description	Supply and installation of Nanoparticle Tracking Analyzer
3	Tender type	Two bid system: a. Technical Bid (Part A) b. Commercial Bid (Part B)
4	Place of tender submission	Office, Department of Bioengineering Indian Institute of Science, Bangalore 560012 080-2293-2624
5	Last date and time for tender submission	16 th July 2024, 5:00 PM

Eligibility Criteria

All documentations in the submission should be in English.

The turnover for the last 2 years should be more than Rs. 1 crore. Bidder shall have to submit audited accounts (Balance sheet profit and loss account) of last two financial year. Audited statement must be signed and stamped by qualified chartered accounted.

With respect to this tender, the rules laid out by the Government of India in order No. P45021/2/2017-pp-BE-II issued by the Public Procurement Section, Department or Promotion of Industry and Internal Trade, Ministry of Commerce, and Industry, dated 4th June 2020 will be followed. As per this order, the government has defined a 'Class-I local supplier' as "a supplier or service provider whose goods, services or work offered for procurement, have local content equal to or more than 50%". A 'Class-II local supplier' is "a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%". Only Class-I and Class-II local suppliers are eligible to participate in this open domestic tender. Any "Non-local supplier" i.e. "a supplier or service provider, whose goods, services or works offered for procurement, has local content less than 20%" is ineligible to participate in this tender. The deadline for submission of proposals is 16th July 2024 by 5:00 PM. Proposals should arrive at the office, Department of Bioengineering, Indian Institute of Science, Bangalore, Karnataka 560012, India.

Direct all questions concerning the acquisition to Dr. Rachit Agarwal at: rachit@iisc.ac.in

Terms and conditions

1. Submission of bids:

The bid should be submitted in the two-cover system, i.e., technical bid and commercial bid separately in sealed covers.

A. Technical Bid (Part-A) – The technical proposal should contain a compliance table besides the technical specifications listed in the description section below.

The compliance table should include all the items and in the same order. The first column should describe your compliance in a “Yes” or “No” response. The second column should state the extent of deviation if the answer was no or describe the exact specifications if the answer is yes. The “third” column should state the reasons for the deviation if the answer was No. The fourth column can be used to compare your solution with that of your competitors or provide details as requested in the technical requirements table below. Suppliers who include any indication of prices in the technical bid will be automatically disqualified.

B. Commercial Bid (Part-B) – Commercial bid indicating item wise price breakdown for the items mentioned in the technical bid, as per the format provided in tender, and other commercial terms and conditions. The price should be inclusive of all discounts and installation and training. The covering letter should clearly state that whether the vendor is a Class-I or Class-II local supplier. Failing this the bid will be automatically rejected. The vendor to state the percentage of the local content and provide self-certification that the item offered meets the minimum local content requirement. The quotations should be on FOR-IISc Bangalore basis in INR only. Please provide a copy of your GST and PAN.

2. Delivery:

The lead time for the delivery of the equipment should not be more than 3 months from the date of receipt of our purchase order. It should be clearly mentioned in the technical and commercial bids.

3. Validity of the offer:

All quotations must be valid for atleast 90 days.

4. Dispute and Jurisdiction:

The Bidder must not be blacklisted/banned/suspended or have a record of any service- related dispute with any organization in India or elsewhere. A declaration to this effect should be provided.

5. General

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. Items in addition to that listed in the technical table that you would like to bring to the attention of the committee, such as data sheets, technical plots etc. can be listed at the end of the compliance table.

Other points:

- a. Quote should come only from Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor.
- b. Bidders offering imported products will fall under the category of non-local suppliers. They cannot claim themselves as Class-1 local suppliers/Class-2 local suppliers by claiming the services such as transportation, insurance, installation, commissioning, training, and other sales service support like AMC/CMC, etc., as local value addition.
- c. Purchase preference as defined by the recent edits to GFR (within the “margin of purchase preference”) will be given to the Class-1 supplier.
- d. MSMEs can seek an exemption to some qualification criteria. IISc follows GFR2017 for such details.

Technical and commercial specifications

	Description	Specifications
1.	Nanoparticle tracking analyzer	Automated system for characterizing size distribution and concentration of particles by tracking individual particles
2.	Particle size range	10 nm to 10 μ m
3.	Particle compatibility	Metallic particles, polymeric particles, liposomes, exosomes, proteins
4.	Particle concentration	10 ⁶ to 10 ⁸ particles/mL
5.	Sample temperature controls	15 °C to 45 °C \pm 0.1 °C
6.	Measurement time per sample	\leq 20 minutes
7.	Lasers	Sample excitation feasible through lasers in 400-450 nm; 500-550 nm and 600-650 nm range with power of >25 mW for all lasers
8.	Sample holder	A minimum of three sample holder should be provided with the instrument
8.	Sample requirement	Easy sample loading with non-destructive measurement and easy retrieval of sample
9.	Sample requirement	Should not require more than 500 μ L sample for analysis
10.	Camera	Colour CMOS camera >2 megapixel resolution
11.	Objectives	Should have an objection of atleast 10x magnification
12.	Computer	A dedicated computer with specifications equivalent or better than 16 GB RAM, 2 TB hard Disk and Windows 11 must be provided for running the instrument
13.	Power Source	Should be directly usable with 230 V/50 Hz
14.	Software	Software should be capable of live preview, automatic data acquisition and image analysis
15.	Software	Should allow exporting of colour images and data points
16.	Software	Should allow size profiling, data averaging and viewing of multiple results simultaneously
17.	Certification	Equipment should comply with ISO 19430:2016 guidelines. Please provide a copy of valid certificate
18.	Customer base	Similar or identical item must have been supplied to atleast one central university/institute or atleast one industry in India. Please provide supporting documents for the same and name of atleast one referee using your instrument at this organization.
19.	Warranty	Minimum 1 year
20.	Support	Must have dedicated service and application support in Bangalore for this instrument. Please provide details of the number of trained personnel in Bangalore who will provide support
21.	Breakdown addressing	Service call within 48 hours of complaint registration