

टाटा मूलभूत अनुसंधान संस्थान हैदराबाद
TATA INSTITUTE OF FUNDAMENTAL RESEARCH HYDERABAD
प्लॉट नं. ३६/पी, गोपनपल्ली ग्राम, सेरलिंगमपल्ली मंडल, रंगा रेड्डी लिला, हैदराबाद –
५०० १०७, तेलंगाना.

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तिथि /Date: 26-09-2024

Global Tender Ref. No. TIFR/PD/GT/IC24-04/240695 for "Supply, Installation and commissioning of Triple Quadrupole (QQQ) Liquid Chromatography Mass Spectrometry for TIFR Hyderabad".

Sub: Pre-Bid meeting Clarification against Global tender issued for " Supply, Installation and commissioning of Triple Quadrupole (QQQ) Liquid Chromatography Mass Spectrometry for TIFR Hyderabad" (Tender Ref. No. TIFR/PD/GT/IC24-04/240695)

Dear Bidders/Vendors,

With reference to the above Global tender, the following bidders have participated in the pre-bid meeting on 20-09-2024 at 12.00Hrs

1. M/s. Agilent Technologies India Pvt. Ltd, Bangalore.
2. M/s. Sciex India private Limited, Mumbai.
3. M/s. Waters (India) Pvt Ltd, Bangalore
4. M/s. Thermo fisher Scientific India Pvt Ltd, Hyderabad.
5. M/s. Smart Labtech Pvt Ltd, Hyderabad.
6. M/s. Spincotech Systems LLP, Chennai.

The above bidders participated through a Zoom online meeting for the Technical and Commercial details of the above Tender.

Technical clarification are as follows:

Page 3: Pump

- Operating pressure should be 15000 psi or better
- UV detector should be quoted with wavelength range 190 – 600 nm

Page 4: Mass Spectrometer

- Scan speed: at least 15,000 Da/sec or better

- Sensitivity: 1pg of Reserpine should have signal to noise of 5,00,000:1 and on column instrument detection limit of less than 4fg, to be present in official datasheet; or 1pg of Chloramphenicol should have signal to noise of 5,00,000:1 and on column instrument detection limit of less than 4fg, to be present in official datasheet. It should be demonstrated in front of committee and mentioned value should be there in the submitted official datasheet and should be reproduced after installation.

Page 5: Software and data analysis tools

- Software for lipidomics and metabolomics applications as well as other related and relevant applications mentioned, that can perform quantitative analysis with statistical tests, should be provided and quoted. The software should have full-fledged capability to calculate system suitability parameters, both for MS/MS and UHPLC. The software should allow the users to load, process and view results from their sample datasets.

New specification to be added:

- Column oven should be able to maintain temperature between 8 – 75°C or better.

**प्रशासनक अवधकारी / ADMINISTRATIVE OFFICER
(क्रय अनुभाग) / (PURCHASE SECTION)
टीआईएफआर हैदराबाद / TIFR HYDERABAD**