

टाटा मूलभूत अनुसंधान संस्थान हैदराबाद
TATA INSTITUTE OF FUNDAMENTAL RESEARCH HYDERABAD

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तिथि /Date: 26-09-2024

Global Tender Ref. No. TIFR/PD/GT/IC24-05/240696

Sub: CORRIGENDUM NO. 1, against Tender Ref. No. TIFR/PD/GT/IC24-05/240696 for "Supply, Installation and commissioning of Liquid Chromatography Mass Spectrometry for TIFR Hyderabad".

Dear Bidders/Vendors,

Please refer the subject tender published on 13-09-2024, the following corrigendum to the subject is being issued:

Page 3: Nano-flow UHPLC system specifications

Point # 4: Flow rate range: Loading pump: 1 – 50 μ L/min; nano-gradient: 200 – 500 nL/min (up to 1000 nL/min at reduced maximum pressure)

Page 4: Mass spectrometer (MS) specifications

Point # 5: Scan modes: Must acquire and display Full Scan mass spectra (MS), Full Scan MS/MS spectra, Selected Reaction Monitoring/Multiple Reaction Monitoring (SRM/MRM) like data sets (Parallel Reaction Monitoring), multiplexed SIM and multiplexed MS/MS mass spectra of up to 10 simultaneously detected precursor ions. The instrument should be capable of simultaneous MS, and MS/MS scanning. Must acquire and display Full Scan mass spectra (MS), Selected Ion Monitoring (SIM) scan data for monitoring selected ions for target compound analysis. Timed SIM for scheduled data acquisition of target compounds. The system must have a provision to minimize collection of MS/MS on background ions during acquisitions to increase identification of low-level analytes in the presence of background noise. Intact mass analysis should also be possible. If a company some other name for the above mentioned scan modes, they should state this in their technical bid.

Page 4: Mass spectrometer (MS) specifications

Point # 11: Fragmentation modes: Collision-induced dissociation (CID) and user-tunable electron-based fragmentation modes operate at electron energies from 0 to 25 eV for QTOF; and high-energy collision (HDC) for Orbitrap.

Page 5: Mass spectrometer (MS) specifications

Point # 13: Sensitivity: For 200-500 fg of known company MS standards: full scan MS mode must have S:N > 500:1; and/or MS/MS mode must have S:N > 250:1.

Note: Remaining technical specifications, terms & conditions as per tender only.

All other terms & conditions of subject tender shall remain unchanged. This Corrigendum No. 01 is an integral part of the subject tender and a copy of the same must be submitted along with the offer duly signed and stamped.

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