INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

MATERIALS MANAGEMENT DIVISION

Powai, Mumbai 400076.

Ref. PR No. 1000058505 **RFx. No. 6100003190**

Technical Description: Global & targeted Lipidomics & Metabolomics Profiliing using Spectrometry

Sr. No	Item Description and Detailed Technical Specification	Technical Compliance (Yes / No)	Additional Information (if any)
1	Global & Targeted Lipidomics Profiling using Mass Spectrometry (ESI ± Mode), including HR LC-MS/MS analysis and data analysis using Q Exactive Orbitrap and timsTOF Pro 2 with DIA-PASEF.		
2	Global & targeted Metabolomics Profiling using Mass Spectrometry (ESI ± Mode), including HR LC-MS/MS analysis and data analysis using Q Exactive Orbitrap and timsTOF Pro 2 with DIA-PASEF.		
3	Specialised mass spectrometry-based data processing, identification, quantification and reporting for lipidomics and metabolomics profiling.		