



CORRIGENDUM

Imphal, September 23, 2020

This refers to **Tender Notice no. 6/133/2020-IBSD(R&D VERT-PUR dated September 4, 2020** and pre-bid meeting held on September 14, 2020 for invitation of quotations for the supply and installation of different scientific equipments at IBSD, Imphal. The following amendments have been made with respect to the specification of LC-QTOF/MS (equipment in Sl. No. 2 in the tender document). There will be no amendment in the specifications of other equipments.

Sl. No.	Section	Specification in the tender document	Revised specification
1.	ION Source	Combine sourced for Electro Spray Ionisation (ESI) and APCI to cover all areas of applications must be provided.	MS should have dedicated ESI and APCI with better sensibility.
2.	Same as above	Combined ESI and APCI source should be quoted	Deleted
3.	Acquisition rate	Minimum 30 spectra per second in MS/MS mode for both DIA and IDA workflow or better 18MS/MS per second for equivalent technology	Minimum 30 spectra per second in MS/MS mode for both DIA and IDA workflow or better 18 Hz per second for equivalent technology
4.	Mass resolution	The resolution of the instrument should be 30,000 (FWHM) or better for a mass range of above 1000 M/Z	The resolution of the system should be more than 50,000 FWHM
5.	Acquisition modes	System should have the additional dimension of separation (ion mobility) for separating the isobaric compounds/ coeluting compounds, improve the spectra quality, to detect molecules at low level or resolve chimeric spectra.	System should have the additional dimension of separation for separating the isobaric compounds/ coeluting compounds, improve the spectra quality, to detect molecules at low level or resolve chimeric spectra.
6.	Operating software	Library for food contaminants (Pesticides, Mycotoxins, antibiotics etc) residues analysis and NIST standards with a minimum size of 10,000 compounds.	Library for food contaminants (Pesticides, Mycotoxins, antibiotics etc) residues analysis and NIST standards with a minimum size of 50,000 compounds. Library for metabolites from various sources is also preferable.
7.	Gas Generator	If any external gas cylinder is required it should be supplied FOC during warranty period. Also required regulator and piping/panel work needs to be done by vendor.	4 gas cylinders should be supplied FOC during 3 years warranty period. Also required regulator and piping/panel work needs to be done by vendor.
8.	Column Thermostat	PM Kit shall be part of warranty/or provided FOC every year.	PM Kit shall be part of warranty/or provided FOC every year. UPLC with quaternary pump 18000 PSI, whole atleast 3 columns, ambient temperature -5⁰ C to 80⁰ C. One technically qualified application Specialist is to be provided for 1.5 years for running the instrument without any extra cost.
9.	Air conditioning	Installation of full air conditioning system should be installed by the successful bidder	

Name of the equipment in the Sl. No. 3 must be read as **Soxhlet Extraction System**. Other terms and conditions shall remain unchanged. The due date of submission of sealed quotations has been extended till **12 noon of October 12, 2020**. Tenders will be opened at **2 pm** of the same day.

Please note: All future correspondences and quotations should be addressed and submitted to the undersigned.

Sd/-
(Atom Samarendra Singh)
Purchase In-charge
IBSD, Imphal