

ENTREPRENEURSHIP DEVELOPMENT CENTER

 Amendment to Tender Number- **EDC/NIT/2019/008**

Item Description – Procurement of High Resolution Mass Spectrometer

A press tender notice was issued on 8th November 2019 for the procurement of High Resolution Mass Spectrometer under two-bid system. The following amendments were recommended by the Technical Committee.

Specification Ref.	Existing Nomenclature	Amended Nomenclature
3.11.2	One week advanced training for two users nominated by EDC on operation, method development, maintenance, software, data interpretation(qualitative and quantitative, unknown identification), etc. at the manufacturer's international application laboratory	One week advanced training for two users nominated by EDC on operation, method development, maintenance, software, data interpretation(qualitative and quantitative, unknown identification), etc. at the manufacturer's application laboratory in India.
Sr. No. 1 of Chapter 4	ESI and APCI with positive and negative ionization capability Compatibility with LC flow from 1 nL/min to 1 ml/min Provision of direct infusion Provision of injection of reference mass solution	ESI and APCI with positive and negative ionization capability Compatibility with LC flow from 1 µL/min to 1 ml/min Provision of direct infusion Provision of injection of reference mass solution
Sr. No. 13 of Chapter 4	Quaternary UHPLC System with Flow rate: 1 µL/min to 5ml/min Pressure upto: 1300 bar Temperature controlled Column compartment Range: 10-90°C PDA: High sensitivity, Data rate up to 100Hz,wavelength range 190 – 1000 nm,	Quaternary UHPLC System with Flow rate: 1 µL/min to 5ml/min Pressure upto: 1300 bar Temperature controlled Column compartment Range: 10-90°C PDA: High sensitivity, Data rate up to 100Hz,wavelength range 190 – 700 nm, wavelength accuracy ± 1 nm Fluorescence detector: Programmable slit, range 190-700

	wavelength accuracy ± 1 nm Fluorescence detector: Programmable slit, range 190-1000 nm, Compatible Flow cell with Control software, drivers	nm, Compatible Flow cell with Control software, driver
Optional Item	-	Nano ESI Spray & Nano LC A fully integrated binary Nano LC system with high pressure up to 10000 psi, Flow rates from 50 nl/min - 2000 nl/min, Temperature controlled sample compartment from 4°C, programmable injection auto sampler from 0.5 μ l to 15 μ l, Nano ESI source with demonstrated efficiency compatible with flow rates from 50 nL to 1000 nL/min. Suitable PDA detector and fluorescence detector with compatible flow cell should be included. Columns suitable for peptide and protein separations with inner diameters between 50 μ m and 1 mm should be quoted.

The terms and conditions of the notice issued on our EDC website www.venturecenter.co.in will remain unchanged.

21.11.19

General Manager (EDC)