

ENTREPRENEURSHIP DEVELOPMENT CENTER

 Amendment to Tender Number- **EDC/NIT/2019/007**

Item Description – Procurement of Fourier Transformation Infrared Spectrometer

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

Specification Ref.	Existing Nomenclature	Amended Nomenclature
3.10.1	The items covered by the schedule shall carry minimum five years of comprehensive warranty from the date of acceptance of the equipment by EDC. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours. The comprehensive warranty includes onsite warranty with parts.	The items covered by the schedule shall carry two years of comprehensive warranty from the date of acceptance of the equipment by EDC and Annual Maintenance Contract in years 3,4 & 5. Warranty shall include free maintenance of the whole equipment supplied including free replacement of parts. The defects, if any, shall be attended to on immediate basis but in no case any defect should prolong for more than 24 hours. The comprehensive warranty includes onsite warranty with parts.
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. 5 of Chapter 4	Signal to Noise ratio: > 55,000:1 at 4 cm ⁻¹	Signal to Noise ratio: ≥ 55,000:1 at 4 cm ⁻¹
Sr. No. 6 of Chapter 4	Interferometer: Should be dynamically aligned advanced type Michelson interferometer	Interferometer should be either dynamically aligned or permanently

		aligned
Sr. No. 10 of Chapter 4	Standard system should be sealed and desiccated with KBr desiccant. Optionally ZnSe desiccant can be quoted.	Standard system should be sealed and desiccated with appropriate hygroscopic material preferably KBr to ensure system is moisture free.
Software and Database in Chapter 4 is amended as follows;	Latest compatible software (not from open access) are required with future upgradation to support mentioned applications, operation, calibration and maintenance of equipment. It should include protein analysis software, protein secondary structure estimation and relevant calibration software for protein concentrations.	Latest compatible software (not from open access) are required with future upgradation to support mentioned applications, operation, calibration and maintenance of equipment. It should include protein analysis software, protein secondary structure estimation and relevant calibration software for protein concentrations. Software must also have provision for automated atmospheric CO ₂ /H ₂ O suppression, and spectral processing.
Sr. No. 8 of Chapter 4	Detector: standard DLaTGS detector and a highly sensitive MCT detector for measurements of low concentration of protein samples. Appropriate liquid nitrogen dewar should be included.	Detector: standard DLaTGS detector and a highly sensitive MCT detector Appropriate liquid nitrogen dewar should be included.

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)