

**ITEM NO-7
ANNEXURE - I**

Technical Specifications:

Quote must have a compliance report on all the specifications.

Important Note : The Quoted prices (in Indian Rupees only) must be inclusive of supply, delivery at Physics department, all taxes and levies, customs clearance charges, transportation, loading, unloading, installation, testing, commissioning, insurance (if any) and warranty of the required instruments / equipments.

Department of Physics, Gujarat University intend to purchase FTIR **Spectrometer** under the DST – FIST program of the department.

The proposed systems should be equivalent with or better than each of the specifications listed in the technical requirement section.

Sr.No	Name of Equipment	Specifications	Unit	Quantity
1.	FTIR Spectrometer	Wavenumber Range - 7800~375 /cm <ul style="list-style-type: none"> • Resolution - 1 /cm • Signal Noise Ratio - 30000:1 (resolution@4 /cm , sample and background scan for 1 min@2100 /cm) • Detector - High performance sensitive • Beamsplitter - Coated KBr • Light Source - Long life, steady state infrared emitter • Electronic System - 24bit A/D converter at 500KHz, USB 2.0 • Power – 100 - 240VAC, 50/60Hz Related accessories : Sample cards, Solid, Liquid cells, Air cells, ATR, Cuvettes	Number	01

Tender Fee details

Tender Processing Fee (Non Refundable)	Rs. 5,000.00
EMD For equipments costing Rs 5 lakhs or less	Rs. 25,000.00
EMD For equipments costing more than Rs 5 lakhs	Rs. 50,000.00

Demand drafts from the Nationalized Bank / Scheduled Bank of (i) non-refundable Tender fee and (ii) EMD should be drawn in favour Of “DST-FIST Physics” payable at Ahmedabad.