

**SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY, LONGOWAL
DEEMED UNIVERSITY**
Department of Chemistry

IOL No.: SLIET/CHY/DST/25

Dated December 27, 2013

From: Convener, PFC of DST Project, Department of Chemistry.
To: In-charge website.
Subject: Display of NIQ regarding purchase of FTIR spectrophotometer.

Please find enclosed herewith a letter of NIQ for purchase of above cited equipment to be displayed on institute website.



Prof. B K Kanungo
Convener
PFC of DST Project.

**SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY, LONGOWAL
DEEMED UNIVERSITY**
Department of Chemistry

No.: SLIET/CHY/DST/1-23

December 27, 2013

Notice inviting Quotation for Purchase of equipment for DST Project

This institute intend to purchase following equipment. Interested firm/party are requested to send the quotation to

**The Convener,
PFC of DST Project
Department of Chemistry
Sant Longowal Institute of Engineering & Technology, Longowal
Sangrur.
PUNJAB-148106.**

in a sealed cover superscripted **“Quotation for equipment for DST Project”** on or before January,20,2014.

S.No	Name of the Item	Qty.
1.	FT-IR Spectrophotometer. Detailed specifications as per Annexure-‘B’.	01

N.B.:

- 1. It may be noted that quotation may preferably be sent through post. The institute is located in remote area and it takes 3 to 7 days to reach the mail. Therefore, quotations should be dispatched well in time.**
2. Rate of ST/VAT if extra must be mentioned clearly.
3. Price quoted must be FOR SLIET.
4. Quotation received later than 3:00 P.M. on due date are liable to be ignored/rejected.
5. The terms and condition for submitting the quotation are given overleaf which must be carefully read before submitting the quotation.
6. The institute is not responsible for accidental opening of the cover if it is not properly mentioned and sealed.



**Convener,
PFC of DST Project.
Department of Chemistry, SLIET.**

TERMS AND CONDITIONS FOR QUOTATION

DELIVERY	The rate quoted must preferably be free delivery/F.O.R. Longowal after allowing the discount, if any. Where quoted extra advalorem rate after payable should clearly be indicated. Supply should be made within the specified delivery period.
TERMS OF PAYMENT	The normal terms of payment is within 30 days after receipt of stores in good condition by means of cheque/Draft.
TAXES	No sales tax concession against Form C and D is admissible to this institute. However form of certificate being an educational institute can be issued if sales tax concession is admissible.
EXEMPTIONS	Excise and custom duties are exempted to the institute.
DIRECTOR'S RIGHT	Director, SLIET, reserves the right of acceptance/rejection of any or all quotations. The discretion for increasing or decreasing of the quantities also rests with him. SLIET also not bind itself to accept does the lowest price. In case of any dispute, the decision of Director SLIET will be final and binding.
VALIDITY OF QUOTATIONS	Quotations will be considered valid for 3 months from the date of receipt.
CORRESPONDENCE	No correspondence regarding acceptance or rejection of a quotation will be entertained.
SAMPLE/BRAND/MAKE/WEIGHT	Sample where asked for, will invariably be made available and sent along with the quotations. However, Brand/Make/Weight etc. must be mentioned clearly in the quotations. Technical literature/pamphlet should also be enclosed.
REJECTION	Quotation not confirming to the set procedure as above will be rejected.
DISCOUNT/REBATES	<p>A Special Discount/rebate wherever admissible keeping in view that supplies are being made for education purpose in respect of Public Institution of National Importance may please be indicated.</p> <p>Conditional, telegraphic quotation shall be rejected out rightly.</p> <p>SLIET shall not be held responsible for any postal delay in sending late receipt of quotation.</p> <p>Quotation should be free from corrections & erasures</p>

SPECIFICATION FOR FT-IR SPECTROPHOTOMETER

Fully computer controlled FT-IR Spectrophotometer with sealed and desiccated with built-in purge facility. Complete with all necessary hardware & software. Specifications should be equal or better as below:

1	Spectral range :	18000 – 400 cm ⁻¹
		Up-gradable from Far IR (200cm ⁻¹) to UV-Vis region of 20000 cm ⁻¹ or 27000 cm ⁻¹
2	Resolution	0.1 cm ⁻¹
	Wavenumber accuracy/precision :	< 0.01 cm ⁻¹
	Transmission linearity :	0.1%T
	Signal to noise ratio :	40000:1
	Scan speeds	60 scans/sec
	ATR	Diamond ATR covering the complete spectral range for liquid and solid
	NIR measurement	Fibre optics coupler and probe for near-IR/UV-VIS range for remote solid/liquid samples
	Upgradation facility	should have facilities to upgrade with FT-Raman, TGA and microscope
	Optional:	Spectral Range Extension: Separate quote must be submitted for up-gradation for Far-IR range
	Warranty	:02 Years for Instrument & minimum 05years for source and interferometer
	<p>NB</p> <p>The detector and source selection should be through software control.</p> <p>Demountable liquid cell for the IR as well as near ir region and for provision for solid samples measurement without ATR</p> <p>Branded PC(i7 or higher/8GB RAM/HDD 1TB/TFT Monitor-19" or higher) with color-laser printer and UPS</p> <p>Price should be included with FOR destination and free installation. Necessary custom duty exemption/DSIR certificate will be provided by the institute</p>	