



# संत लौंगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान

(भारत सरकार द्वारा स्थापित)

**SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY**

(Established by Govt. of India)

Deemed-to-be-University

संदर्भ सं/Ref. No. PUR/03/12/Vol II/687-707 REGISTERED

दिनांक/Date 23/08/13

M/s \_\_\_\_\_

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**Subject : Notice Inviting Quotation for Purchase of equipment for DST Project of Dr. B.K. Kanungo.**

This institute intend to purchase following equipment. Interested firm/party are requested to send the quotation to the office of undersigned in a sealed cover superscribed "Quotation for equipment for DST Project" on or before **16.09.2013**.

S.No.	Name of Item	Qty.	Remarks
1.	Rotary Evaporator. Detailed specifications as per Annexure – 'A'.	01	
2.	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 take 5 to 7 days to reach the mail, therefore, quotation be dispatched well in time considering this factor.
2. Rate of ST/VAT if extra must be mentioned clearly.
3. Price quoted must be FOR SLIET.
4. Quotation received later than 03.00 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.
7. We are not responsible for accidental opening of the cover if it is not properly mentioned and sealed.

*[Signature]* 23.8.13  
Faculty I/c, Store & Purchase  
PTO

## TERMS & 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 payable should clearly be indicated. Supply should be made within the specified delivery period.

### TERMS OF PAYMENT

Our 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 customs duties are exempted to the institute.

### DIRECTOR'S RIGHTS

Director, SLIET, reserves the rights of acceptance or 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 & binding.

### VALIDITY OF QUOTATIONS

Quotations will be considered valid for 3 months from the date of receipt.

### CORRESPONDENCE

No correspondence regarding acceptance/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

A special discount/rebate wherever admissible keeping in view that the supplies are being made for education purpose in respect of Public Institution of national importance may please be indicated.

Conditional, telegraphic quotation shall be rejected outrightly.

SLIET shall not be held responsible for any postal delay in sending or late receipt of quotation.

Quotation should be free from corrections & erasures.



Faculty I/c, Store & Purchase



## SPECIFICATION FOR ROTARY EVAPORATOR

### Main Unit:

Digital Rotary Evaporator System with motor lift  
 Condenser: Vertical  
 Flask type 50-3000 mL  
 Digital display of rotation speed and bath temperature  
 Rotation speed 20-280 rpm  
 Heat bath temperature: 20-180° C  
 Bath temperature setting: Digital  
 Bath temperature accuracy: +/- 1K  
 Evaporating flask: 1 L (with standard interchanging B-24 joint)  
 Receiving flask (with standard interchanging B-24 joint)

### Vacuum Pump:

Three stage chemically resistance diaphragm pump  
 Pumping speed 2.0 m<sup>3</sup>/h  
 Ultimate vacuum < 2 mbar  
 Self cleaning valve design  
 Oil free  
 Woulf bottle attachment for precaution

Optional: Vacuum gauge, Vacuum controller and display

## SPECIFICATION FOR FTIR-SPECTROMETER

Fully computer controlled FTIR Spectrometer 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 <sup>-1</sup> Up-gradable from Far IR (200cm <sup>-1</sup> ) to UV-Vis region of 20000cm <sup>-1</sup> or 27000 cm <sup>-1</sup> .
2	Resolution	0.1 cm <sup>-1</sup>
	Wavenumber accuracy/precision :	< 0.01 cm <sup>-1</sup> r
	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
	Up-gradation facility	should have facilities to upgrade with FT-Raman, TGA and microscope
	Optional:	(a) <b>Spectral Range Extension:</b> Separate quote must be submitted for up-gradation for Far-IR range
	Warranty	:02 Years for Instrument & minimum 05years for Source & interferometer
	NB	(a) The detector and source selection should be through software control. (b) Demountable liquid cell for the IR as well as near ir region and for provision for solid samples measurement without ATR (c) Branded PC (i7 or higher/8GBRAM/HDD1TB/TFT Monitor 19" or higher) with color-laser printer and UPS (d) Price should be included with FOR destination and free installation. Necessary custom duty exemption/DSIR certificate will be provided by the institute