



संत लौगोवाल अभियांत्रिकी एवं प्रौद्योगिकी संस्थान,  
लौगोवाल, संगरूर, पंजाब - १४८ १०६

(शिक्षा मंत्रालय के अधीन समविश्वविद्यालय)

**Sant Longowal Institute of Engineering and Technology**  
**Longowal, Dist. Sangrur, Punjab - 148106**  
(Deemed to be University under MoE)

Ref. No. SLIET/PUR/34/21/1381-1388

Date: 22/02/2022

(Registered Post)

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

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**Subject: Notice inviting quotation for purchase of consumable items.**

This Institute intends to purchase chemicals/consumable items required under RPS-NDF project Dr. Surinder Singh, Prof. (ECE). Please send your quotation to the undersigned in a sealed cover duly super scribed on envelop "Quotation for purchase of consumables under RPS-NDF Project" so as to reach latest by 15.03.2022. The detailed format of requirement is given at "Annexure-A":

**The Terms & Conditions for submitting quotation are as under: -**

- 1) It may be noted that quotation received through registered/speed post/courier only shall be considered. Quotations received by hand will not be accepted. The institute is located in a remote area and it takes 5 to 7 days to reach the mail, therefore, quotation be dispatched well in time to avoid any sort of delay.
- 2) Rate of GST, if extra, must be mentioned clearly.
- 3) Quotation other than those addressed to Assistant Registrar (S&P) will not be entertained.
- 4) The Price quoted must be FOR SLIET, Longowal.
- 5) Quotations received later than due date will not be accepted.
- 6) Duly signed quotation must be sent on the letter head of the party.
- 7) As per instructions, if purpose of quotation is not super scribed on envelop and quotation is opened by mistake, then it will be rejected.
- 8) Quotation must be valid for a period of 3 months.
- 9) The bid security of Rs. 6,000/- is required to be submitted in the form of Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any of the Commercial Banks in favour of Director, SLIET, Longowal.
- 10) The other terms & conditions for submitting the quotation are given overleaf which must be read carefully before submitting the quotation.

*Harpreet Singh*  
Assistant Registrar  
(Store & Purchase)

o/c



**TERMS & CONDITIONS FOR SUBMITTING QUOTATION**

<b>DELIVERY</b>	The rate quoted must be free delivery/F.O.R. Longowal after allowing the discount, if any. Where quoted extra ad-valorem rate payable should clearly be indicated. Supply should be made within the specified delivery period.
<b>TERMS OF PAYMENT</b>	Our normal term of payment is within 45 days after receipt of stores in good condition by means of cheque/draft/RTGS.
<b>DIRECTOR'S RIGHTS</b>	Director, SLIET reserves the rights of acceptance or rejection of any or all quotations. The discretion for increasing or decreasing the quantities also rests with him. SLIET also does not bind itself to accept the lowest price. In case of any dispute, the decision of Director, SLIET will be final & binding.
<b>VALIDITY OF QUOTATIONS</b>	Quotations must remain valid for a period of at least 03 months.
<b>EMD</b>	EMD in the shape of DD, FDR or banker's cheque in favour of Director, SLIET & valid for a period of 90 days beyond the final bid validity period is required to be submitted along with quotation.
<b>SAMPLE/BRAND/MAKE/WEIGHT</b>	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.
<b>REJECTION</b>	Quotation not confirming to the set procedure as above will be rejected. Conditional, telegraphic quotation shall be rejected out rightly.
<b>DISCOUNT/REBATES</b>	A special discount/rebate wherever admissible keeping in view that the supply is being made for education purpose in respect of Public Institution of national importance may please be indicated.
<b>GENERAL TERMS</b>	SLIET shall not be held responsible for any postal delay in sending or late receipt of quotation. Quotation should be free from corrections & erasures. <b>Other terms &amp; Conditions will be applicable as per GFR-2017.</b>

  
**Assistant Registrar  
(Store & Purchase)**



## Annexure-A

List of Consumable I: Antigen Antibody blocking solution			
S.No	Items	Specification/ Properties	Qty. (ml/gram)
I	(a) Chitosan*		
	740500	Biological source: white mushroom, grade: High purity, mol wt: Mv 110000-150000, composition: bacterial endotoxins ≤10 EU/g, beta-glucan: ≤5%(w/w), chitosan: ≥93%(w/w), proteins: ≤1% (w/w), viscosity: 5-200 mPa.s (1% solution in 1% HAc), solubility: acetic acid (1% solution)	100
	419419	Form (coarse ground flakes and power), mol wt: 310000-3750000 Da, viscosity: 800-2000 cP, 1 wt.% in 1% acetic acid (25° C, Brookfield), solubility: H <sub>2</sub> O insoluble, organic solvents: insoluble.	100
	448877	Viscosity: 200-800 cP, 1 wt.% in 1% acetic acid (25° C, Brookfield), solubility: dilute aqueous acid: soluble. <b>May be in powder or liquid form</b>	100
	(b) Pyrrole*		
	131709	Grade: reagent grade, vapor density: 2.31(vs air), InChI Key: KAESVJOAVNADME-UHFFFAOYSA-N, assay: 98%, refractive index: n <sub>20</sub> /D 1.508(lit.), boiling point: 131° C(lit), melting point: -23° C(lit).	100
	49817	Grade: Analytical standard, vapor density: 2.31(vs air), InChI Key: KAESVJOAVNADME-UHFFFAOYSA-N, form: neat, shelf life: limited shelf life, expiry date on the label, assay: 98%, refractive index: n <sub>20</sub> /D 1.508(lit.), boiling point: 131° C(lit), melting point: -23° C(lit). density 0.967g/ml at 25° C(lit.), storage temp: 2°-8° C.	10
	807492	Vapor pressure: 8.7 hPa (20° C), auto ignition temp: 550° C, potency: 137 mg/kg LD, oral (Rat), expl.lim: 3-10-14.8%(v/v), pH > 6(20° C, 10g/Lin H <sub>2</sub> O ), boiling point: 130-131° C(/1013hPa), melting point: -24° C. density 0.97g/cm <sup>3</sup> at 20° C(lit.) <b>May be in powder or liquid form</b>	100
	(c) p-toluenesulphonic acid*		
	532312	Grade: acids, synthetic reagent, extent of labeling: 2.0-3.0 mmol/g loading. Particle size: 30-60 mesh.	200
	(d) Glacial acetic acid*		
	A6283	Grade: Reagent plus, vapor density: 2.07(vs air), InChI Key: QTBSBXVTEAMEQO-UHFFFAOYSA-N. assay: 99%, auto ignition temp. 800° F, expl.lim: 16%, 92° F, 4%, 59° F refractive index: n <sub>20</sub> /D 1.371(lit.), boiling point: 117- 118° C(lit), melting point: 16.2° C(lit). solubility: alcohol: miscible(lit.), carbon disulfide: insoluble(lit.), glycerol: miscible(lit), density 1.049g/ml at 25° C(lit.), storage temp: room temp.	500



	695092	Grade: ACS reagent plus, vapor density: 2.07(vs air), vapor pressure 11.4 mmHg(20° C), InChI Key: QTBSBXVTEAMEQO-UHFFFAOYSA-N. assay:99.7%, auto ignition temp. 800° F , expl. lim: 16%, 92° F, 4%, 59°F, color: Apha: ≤10, refractive index: n20/D 1.371(lit.), boiling point: 117-118° C(lit), melting point: 16.2° C(lit), density 1.049g/ml at 25° C(lit.), anion traces: chloride and sulfate, cation traces: Fe: ≤0.2 ppm, heavy metals: ≤0.5ppm  <b>May be in powder or liquid form</b>	500
II	Sample of heavy metals*	Silicon (minimum 70% metal trace) Lithium (minimum 70% metal trace) Boron (minimum 70% metal trace) Nickel (minimum 70% metal trace) Iron (minimum 70% metal trace) Cobalt (minimum 70% metal trace) Copper (minimum 70% metal trace) Zinc (minimum 70% metal trace) Silver (minimum 70% metal trace)  <b>May be in powder or liquid form</b>	050 025 050 500 005 100 500 250 050

**\*Included:** All chemicals should be properly packed in good quality transparent bottles. For long time storage, temperature maintaining chamber with range 2°-8°C should be considered if required. Container kit should be available for storage and sample preparation. If needed, water from Millipore system should be provided to prepare the sample (100ml). Measuring system should also being included to make proper proportion of sample. Along with compatible beaker, test tube, flask etc. need to be provided with the aforesaid items for the proper storage and execution of the project.