



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

(मानव संसाधन मंत्रालय के अधीन समविश्वविद्यालय)

**Sant Longowal Institute of Engineering and Technology**

**Longowal, Dist. Sangrur, Punjab - 148106**

(Deemed to be University under MHRD)

Ref. No. SLIET/PUR/01/20/1835-1841

Date: 27/04/2020

(Registered Post)

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

**Sub: Notice inviting quotation for purchase of consumables under RPS-NDF project of ECE dept.**

This Institute intends to purchase consumables under RPS-NDF project of ECE Dept. Please send quotation to the undersigned in a sealed cover duly super scribed on envelop "Quotation for purchase of consumables under project" so as to reach latest by closing date i.e. 27.05.2020. The specifications are as under:

S. No.	Detailed Specification	Qty.	EMD (Rs.)	Remarks
1.	Chitosan 740500, 419419 448877	50 ml 50 ml 50 ml	5000.00	Detailed proof of specifications in the shape of leaflets for Make & Model no. of item will be attached
2.	Pyrrole 131709 49817 8.07492	50 ml 50 ml 50 ml		
3.	p-toluenesul phonic acid 532312	50 ml		
4.	Glacial acetic acid A6283 695092	50 ml 50 ml		
(Detailed specifications are enclosed at “Annexure-A”)				

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

- 1) It may be noted that quotation received only through registered/speed post shall be considered. 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/IGST, if extra must be mentioned clearly along with GST number.
- 3) The Price quoted must be FOR SLIET, Longowal.
- 4) Quotation must be valid for a period of 3 months.
- 5) Quotations received later than due date are liable to be rejected and returned as it is.
- 6) Quotation must be sent on the letter head of the party duly addressed to Deputy Registrar (Store & Purchase) along with a certificate that the firm/company is not blacklisted by any govt. dept.
- 7) As per instructions if purpose of quotation is not super scribed and quotation is opened by mistake then it may be rejected.
- 8) EMD 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.
- 9) The other terms & conditions for submitting the quotation are given overleaf which must be read carefully before submitting the quotation.

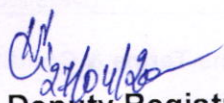
*Harpal Singh*  
27/04/20  
Deputy Registrar  
(Store & Purchase)

लौगोवाल, जिला संगरूर - 148106 (पंजाब), भारत, दूरभाष सं: +91-1672-253533, 253534 फैक्स सं: +91-1672-253531

LONGOWAL, DISTRICT: SANGRUR-148106 (PUNJAB), INDIA PHONE No. :+91-1672-253533




## TERMS & CONDITIONS FOR SUBMITTING QUOTATION

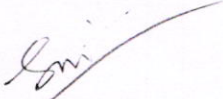
<b>DELIVERY</b>	The rate quoted must be free delivery/F.O.R. Longowal after allowing the discount, if any. Where quoted extra ad-valorem rate payable should clearly be indicated. Supply should be made within the specified delivery period.
<b>TERMS OF PAYMENT</b>	Our normal term of payment is within 45 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 of 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>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>VALIDITY OF QUOTATIONS</b>	Quotations must remain valid for a period of at least 03 months.
<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 outrightly.
<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>	<p>SLIET shall not be held responsible for any postal delay in sending or late receipt of quotation. Quotation should be free from corrections &amp; erasures.</p> <p><b>Other terms &amp; Conditions will be applicable as per GFR-2017.</b></p> <div style="text-align: right;">   <b>Deputy Registrar</b>  <b>(Store &amp; Purchase)</b> </div>

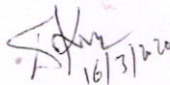


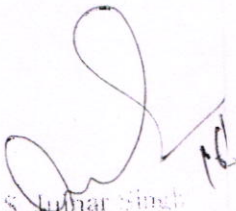
### List of Consumable

S. No.	Antigen-Antibody	Specification/ Properties	Qty
1.	Chitosan	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), storage temp: 2°-8° C.	50 ml
	740500		
	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.	50 ml
	448877	Viscosity: 200-800 cP, 1 wt.% in 1% acetic acid (25° C, brookfield), solubility: dilute aqueous acid: soluble.	
		<b>Included:</b> All chemicals should be properly packed in unbroken plastic transparent bottles. For long time storage, temperature maintaining chamber with range 2°-8° C should use. A container kit should be available for storage and sample preparation. Water from the millipore system should be provided to prepare the sample (100 ml). The measuring system should be included to make the proper proportion of the sample.	50 ml

  
Dr. Vinod K. Verma  
(Asst. Prof. CSE Deptt)

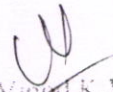
  
Dr. S.M Ahuja  
(Prof. Chemical Deptt)


  
Dr. Dilip Kumar  
(Prof. ECE Deptt)

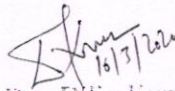
  
S. Anwar Singh  
(Tech. ECE Deptt)

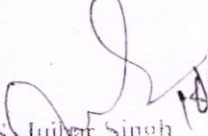


2	Pyrrole	Grade: reagent grade, vapor density: 2.31(vs air), InChI Key: KAESVJOAVNADME-UHFFFAOYSA-N, assay:98%, refractive index:n20/D 1.508(lit.), boiling point: 131 <sup>0</sup> C(lit), melting point: -23 <sup>0</sup> C(lit).	50 ml
	131709		
	49817	Grade: Analytical standard, vapor density: 2.31(vs air), InChI Key: KAESVJOAVNADME-UHFFFAOYSA-N, form: neat, shelf life: limited shelf life, expiry date on the label, assay:98%, refractive index: n20/D 1.508(lit.), boiling point: 131 <sup>0</sup> C(lit), melting point: -23 <sup>0</sup> C(lit), density 0.967g/ml at 25 <sup>0</sup> C(lit.), storage temp: 2 <sup>0</sup> -8 <sup>0</sup> C.	50 ml
	8.07492	Vapor pressure: 8.7 hPa(20 <sup>0</sup> C), autoignition temp: 550 <sup>0</sup> C, potency: 137 mg/kg I.D. oral(Rat), expl.lim: 3-10-14.8%(v/v), pH>6(20 <sup>0</sup> C, 10g/l in H <sub>2</sub> O), boiling point: 130-131 <sup>0</sup> C(/1013hPa), melting point: -24 <sup>0</sup> C, density 0.97g/cm <sup>3</sup> at 20 <sup>0</sup> C(lit.), storage temp: +2 <sup>0</sup> to +8 <sup>0</sup> C.	50 ml
3	p-toluenesulphonic acid	<b>Included:</b> All chemicals should be properly packed in unbroken plastic transparent bottles. For long time storage, temperature maintaining chamber with range 2 <sup>0</sup> -8 <sup>0</sup> C should be should use. A container kit should be available for storage and sample preparation. Water from the millipore system should be provided to prepare the sample (100 ml). The measuring system should be included to make the proper proportion of the sample.	
	532312	Grade: acids, synthetic reagent, extent of labeling: 2.0-3.0 mmol/g loading. Particle size: 30-60 mesh. <b>Included:</b> All chemicals should be properly packed in unbroken plastic transparent bottles. For long time storage, temperature maintaining chamber with range 2 <sup>0</sup> -8 <sup>0</sup> C should be also provided. A container kit should be available for storage and sample preparation. Water from the millipere system should	50 ml

  
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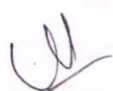
  
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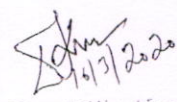
  
S. Jujhar Singh  
(Tech. I.C. Deptt)

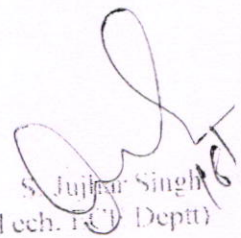


		be provided to prepare the sample (100 ml). The measuring system should be included to make the proper proportion of the sample.	
	Glacial acetic acid A6283	Grade: Reagent plus, vapor density: 2.07(vs air), InChI Key: QTBSBXVTEAMEQO-UHFFFAOYSA-N, assay:99%, autoignition temp. 800° F, expl.lim: 16%, 92° F, 4%, 59° F refractive index:n20/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.	50 ml
4.	695092	Grade: ACS reagent plus, vapor density: 2.07(vs air), vapour pressure 11.4 mmHg(20° C). InChI Key: QTBSBXVTEAMEQO-UHFFFAOYSA-N, assay:99.7%, autoignition 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>Included:</b> All chemicals should be properly packed in unbroken plastic transparent bottles. For long time storage, temperature maintaining chamber with range 2°-8° C should be should use. A container kit should be available for storage and sample preparation. Water from the millipore system should be provided to prepare the sample (100 ml). The measuring system should be included to make the proper proportion of the sample.	50ml
			Total cost

  
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