

**REGISTERED**

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**Sub: Short term notice inviting quotation for purchase of equipment.**

This Institute intends to purchase different equipment as per specifications notified in “**Annexure – A**”. Please send your quotation to the undersigned in a sealed cover duly super scribed on envelop %Quotation for supply of equipment for FET dept.+ so as to reach latest by closing date i.e. 30.03.15.

**The Terms & Conditions are as under:-**

- 1) It may be noted that quotation will be sent through registered/speed post only. 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 ST/VAT if extra must be mentioned clearly.
- 3) The other terms & conditions for submitting the quotation are given overleaf which must be read carefully before submitting the quotation.
- 4) Quotation other than those addressed will not be entertained.
- 5) The Prices quoted must be FOR SLIET, Longowal.
- 6) Quotation must be sent on the letter head of the party.
- 7) As per instructions if purpose of quotation is not super scribed and quotation is opened by mistake then it may be rejected.

F. I/c (Purchase)

**TERMS & CONDITIONS FOR QUOTATION**

<b>DELIVERY</b>	The rate quoted must preferably 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>PERFORMANCE SECURITY</b>	In case the quoted value is Rupees one lac and above, Performance Security @5% of order value in the shape of Acct. Payee Draft, FDR or BG valid for a period of sixty days beyond the date of completion of all contractual obligations of the supplier including warranty obligations, as per GFR-2005 rules, is also required.
<b>TAXES</b>	No sales tax concession against Form 1 and 2 is admissible to this Institute. However, 'Form E' certificate being an educational institute can be issued if sales tax concession is admissible.
<b>EXEMPTIONS</b>	Excise and customs duties are exempted to the institute. The relevant exemption certificate will be issued to the successful bidder only if the excise duty/custom duty is exclusively mentioned in the Quotation. In case the offered items are to be imported, the rates should be quoted in foreign currency on FOB basis. Basic duty as applicable under notification No. 51/96 customs dated 23.07.1996 as applicable shall be borne by the institute. If the price quoted is in foreign currency then payment shall be made through letter of credit against submission of B.G. of Min. 25% value of supply order, if the order value is more than US\$ 10,000 or through Telegraphic Transfer (TT) if the order value is less than US\$ 10,000 through Nationalized banks. The bank charges outside India should be borne by the Beneficiary. Clearance at customs will be arranged by us but you will assist our clearance agent. In case of indigenous item the price must be quoted in Indian Rupees and 100% payment will be made only after successful installation, testing and commissioning of equipment. <b>No advance payment will be made.</b>
<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 not bind itself to accept does the lowest price. In case of any dispute, the decision of Director SLIET will be final & binding.
<b>VALIDITY OF QUOTATIONS</b>	Quotations will be considered valid for 03 months from the date of receipt.
<b>CORRESPONDENCE</b>	No correspondence regarding acceptance/rejection of a quotation will be entertained.
<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 supplies are 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-2005.</b>

**Faculty I/c (Purchase)**

## "Annexure - A"

S. No	Description with complete specification	Quantity
1	<p><b>Centrifuge with Rotor (4 x 100 ml) with following parameters</b></p> <ul style="list-style-type: none"> <li>. For sedimentation up to <b>4 x 100 ml</b> in swing-out-rotors or up to 20.000 x g in angle rotors</li> <li>. Should have brushless drive practically maintenance-free</li> <li>. Speed pre-selection up to 15.000 rpm</li> <li>- Low speed operation from 100 rpm</li> <li>. Should be able to prevent rotors from over speeding,</li> <li>. Stainless steel bowl</li> <li>. Should have easy lid opening (pneumatic spring support)</li> <li>. Should have window in the centrifuge lid for external speed control</li> </ul>	01
2.	<p><b>STIRRED CELL ASSEMBLY</b></p> <p>Suitable for removal of salts &amp; effective concentration of macromolecules such as enzymes, proteins</p> <ul style="list-style-type: none"> <li>▪ Minimum processing volume: 5 ml.</li> <li>▪ Maximum processing volume: 400 ml.</li> <li>▪ Hold up volume not more than 2 ml.</li> <li>▪ Membrane diameter 76mm.</li> <li>▪ Effective membrane area 41.8cm.</li> <li>▪ Maximum operating pressure 5.3Kg/CM2</li> <li>▪ Compatible Nitrogen cylinder (01): 47 litre capacity</li> <li>▪ Compatible Magnetic stirrer (100-1400 rpm)</li> <li>▪ Membrane with cut off sizes in range of, 10Kda, 50Kda &amp; 100 Kda.</li> </ul> <p>Along with any other accessories to make the system operational.</p>	01
3.	<p><b>MICROSCOPE</b></p> <ul style="list-style-type: none"> <li>▪ Binocular</li> <li>▪ Frame: All aluminium pressure diecasted body.</li> <li>▪ Nose piece: Quadruple ball bearing nosepiece</li> <li>▪ Observation head: 360_rotate able and 45_inclined head with all anti-fungus prisms.</li> <li>▪ Focusing system with separate knobs for cores and fine motion having least count of .002 mm.</li> <li>▪ mechanical stage on dovetail slides.</li> <li>▪ Condenser: Bright field sub stage condenser</li> <li>▪ Eyepieces and objective: Set of 4x, 10x, 40x and 100x and a paired set of 10x wide field eyepieces.</li> <li>▪ Illumination: 6V/20W halogen lamp.</li> </ul>	10
4.	<p><b>Hot Air Oven</b></p> <p>PID controller and Digital indicator (LCD display), Stainless steel Inner Chamber Size 12x 12x 12+(approx.), Outer Chamber - Steel with white enamel</p> <p>No. of Shelves - 3 (adjustable) stainless steel</p> <p>Temperature - Ambient to 250° C ± 1° C</p> <p>Alarm - Audio visual alarm for temperature deviation</p> <p>With circulating fan to maintain uniform temperature</p>	01

5.	<b>Magnetic stirrer with digital hot plate</b> Working temperature: ambient to 160°C with digital indicator display Capacity: 2-5 litre Speed: 100-1400 rpm (analogue) Heating coil: Strip heater Platform: SS 316	01
6.	<b>Hamilton Microliter Microsyringe</b> 5.0 µL, 24 gauge	01
7.	<b>Hamilton Microliter Microsyringe</b> 1.0 µL, 25 gauge	01
8.	<b>Tabletop Electromagnetic Vibrating Sieve Shaker Machine</b> For food powders and bulk materials in the range of 25 µm - 20 mm Capacity: upto 3 kg Suitable for 8 sieves of dia: 8" with clamp, Timer- 1 to 60 min Adjustable vibration height - upto 3mm Power supply of 230V/ 50Hz with laser sealed and laser calibrated sieves of IS/ASTM standard SS Test sieve of size 200x50mm: with mesh sizes of 60, 80,100, 140, 170, 200, 230, 270, 325 and pan With computer interface and suitable software for analysis	01
9.	<b>Centrifuge</b> Maximum speed 10,000 rpm, Maximum RCF 10500 x g, maximum capacity 1200 ml, rotor head capacity 8x100 ml, Programmable acceleration and deceleration, digital speed indicator, stabilizer 2 KVA	01
10.	<b>Digital magnetic stirrer hot plate</b> Top plate size 18x18 cm, top plate ceramic, electronic speed control 100-1000 rpm	01
11.	<b>Hydraulic Press</b> Plate dimension 450x350 mm, press force up to 50 ton, hydraulic pressure up to 150 bar, hydraulic power 1.5 kW, working temperature up to 300°C, heating power 1.5 kW, functions controlled by valves and controller system, PID temperature controller	01
12.	<b>Meat Grinder:</b> Motor (0.75KW), Cast aluminium base, Removable stainless steel feed pans standard, Grind capacity output through hole size plates of 3/8 inches , 1/8 inches , 5/32 inches, 3/16 inches, Size 22 knife, Capacity should be approximately 4.5-7.3 kg/min, drive system HTD (high-torque drive), steel wire power grip belt, should be non corrosive, should not have any need for lubrication.	01