

**REGISTERED**

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**Subject: Short Notice Inviting Quotation for procurement Equipment/Items for Phy. Deptt.**

This institute intends to procure the Equipment/items for Physics Deptt. as per **Annexure-A**. Interested Firms/Parties are requested to send the quotation to the office of undersigned in a sealed cover super scribed **“Quotation for Equipment/items for Physics Deptt.”** on or **before 30.03.2015**.

**Note: It may be noted that quotation received only through REGISTERED/SPEED post shall be considered. The institute is located in remote area and it takes 5 to 7 days to reach the mail, therefore, quotation be dispatched well in time considering this factor.**

**N.B.:**

1. Rate of Sales Tax/VAT/Service Tax, if extra must be mentioned clearly.
2. Price quoted must be FOR SLIET.
3. Quotation received later than due date are liable to be ignored/rejected.
4. Other terms and condition for submitting the quotation are given on overleaf which must be read carefully before submitting the quotation.
5. We are not responsible for accidental opening of the cover if it is not properly super scribed and sealed.
6. Quotation must be submitted on letter head of the firm with all particular, any other format will not be acceptable.

**Faculty I/c (Purchase)**

**PTO**

**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 1C and 1D 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 outrightly.
<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’

Sr. No.	Description of items	Qty.
1.	<b>Zeeman effect Experiment:</b> <b>Specifications:</b> Experimental Set up for Zeeman Experiment: Complete in all respect with High resolution Fabry Perot Etalon, Mercury Discharge Tube with High Voltage Power Supply , Narrow Band Interference Filter, Polarizer with lens, Optical Bench, High Resolution CCD Camera, Telescope with Focussing lens, Monitor , Electromagnet, Constant Current supply, Digital gaussmeter , accuracy of set up within 5 % of standard value	01
2.	<b>NMR Spectrometer:</b> <b>Specifications:</b> Complete set up suitable for Hydrogen and fluorine nuclei: Helmholtz coil, Permanent magnet ( ~ 5 KG or higher), RF Oscillator with digital display, Detector, Amplifier, 50 Hz Sweep units, samples and connecting cable, complete in all respect.	01
3.	<b>Hall Effect Setup for Metals:</b> <b>Specifications: Hall Probe:</b> Silver and Tungsten (Press type for Current and Spring Type Strip Type, Three samples each): <b>High Current Power Supply;</b> Range 0-20 A, Accuracy $\pm 0.5$ % , regulation $\pm 0.5$ % , Display 3.5 digit, & Segment LED: <b>Digital Microvoltmeter;</b> Range 1 mV -10 V , Resolution 1 microVolt, Accuracy $\pm 0.2$ % , input impedance > 1000 Mohm, Display 3.5 digit, 7 segment LED with autopolarity: Electromagnet; Pole pieces 75 mm tapped to 25 mm, Magnetic field 20 KG at 6 mm airgap, Power 0-90 V , 3A for coils in series and 6 A in parallel: <b>Constant Current Power Supply;</b> Current range 0-3 A per coil, Resolution 0.1 % , Displt 3.5 digit, 7 segment: <b>Gaussmeter;</b> Range 1-20 KG , accuracy $\pm 0.5$ % , resolution 1 gauss	01
4.	<b>Digital DC Microvoltmeter:</b> <b>Specifications:</b> Range 1mV, 10mV, 100mV, 1V, 10V with 100% over-ranging, Resolution 1 microvolt, Accuracy $\pm 0.2$ % $\pm 1$ digit, input impedance: 1000 M ohm, 3 $\frac{1}{2}$ digit 7 segment LED with auto polarity and decimal indication power supply 220 V $\pm 10$ %	02
5.	<b>Digital DC Picovoltmeter:</b> <b>Specifications:</b> Range 1pV, 10pV, 100pV, 1V, 10V with 100% over-ranging, Resolution 0.1 picoovolt, Accuracy $\pm 0.2$ % $\pm 1$ digit, input impedance;1000 M ohm, 3 $\frac{1}{2}$ digit, 7 segment LED with auto polarity and decimal indication power supply 220 V $\pm 10$ %	02
6.	<b>Digital DC Microammeter:</b> <b>Specifications:</b> Range 1 $\mu$ A, 10 $\mu$ A, 100 $\mu$ A, 500 $\mu$ A Resolution 0.1 $\mu$ A, Accuracy $\pm 0.2$ % , 3 $\frac{1}{2}$ digit, 7 segment LED with auto polarity and decimal indication	02
7.	<b>Digital DC Picoammeter:</b> <b>Specifications:</b> Range 1pA, 10pA, 100pA, 1nA, 10nA, 100nA Resolution 0.1 pA, Accuracy $\pm 0.2$ % , 3 $\frac{1}{2}$ digit, 7 segment LED with auto polarity and decimal indication	02
8.	<b>Digital Gauss Meter:</b> <b>Specifications:</b> Range 0.1KG, 01KG, 10KG, 100% over-ranging, Resolution 0.1 KG, Accuracy $\pm 1$ % $\pm 1$ digit, temperature upto 50 $^{\circ}$ C , 3 $\frac{1}{2}$ digit, 7 segment LED with auto polarity and decimal indication power supply 220 V $\pm 10$ %	02

9.	<b>PID controlled Oven:</b> <b>Specifications:</b> Temperature rang ambient to 200° C Resolution 0.1° C, stability 0.2° C, Oven for four probe setup, sensor RTD A class 3 ½ digit, 7 segment LED with auto polarity and decimal indication power supply 220 V ±10%	02
10.	<b>Regulated Power Supply:</b> <b>Specifications:</b> Output Voltage: ± 12V, ± 5 V, Current: 300 mA, Line resolution: ± 0.05 %, Load Regulation: ± 0.1 % with protection	01
11.	<b>Travelling Microscope:</b> <b>Specifications:</b> Inclunable in any angle with true vertical and horizontal positions , Scales and Verniers made of Stainless steel, True objective with ~ 7.5 cm focussing distance from objecy; 10 X eyepiece with cross wire. 20cm, 15 cm and 6 cm scales horizontal, vertical and lateral respectively. Least Count: horizontal scale; 0.001 cm, Vertical Scale; 0.001 cm, lateral scale; 0.001 cm	02
12.	<b>Stefan Constant Apparatus:</b> <b>Specifications:</b> Complete set up: Main Unit with variable AC supply, digital voltmeter, digital ammeter, digital temperature indicator, black copper radiation plates with sandwiched heater, thermocouple, connecting cables,	02
13.	<b>IR Moisture Balance:</b> <b>Specifications:</b> Halogen/IR lamp operated, accuracy in moisture 0.01 %, accuracy in mass 0.001 gm, digital display, step drying facility, sample mass ~ 50 . 150 gm, Rs -232 interface, maximum temperature ~ 150 . 210 C and other complete in all respect with all accessories.	01
14.	<b>Water/Oil Bath:</b> <b>Specifications:</b> Both for water/oil with inlet and outlet facilities, PID/PLC controller, digital display, precision in temperature 0.5 /1C, double walled chamber, inner of steel (standard quality), capacity of chamber ~ 5 L or higher	01
15.	<b>Flange with high quality vacuum seals for coupling of Si(Li) detector with vacuum chamber:</b> <b>Specifications:</b> Stainless steel (High Quality), high quality vacuum seals (copper/plastic): 10, diameter: 4.5 inch and 2.75 inch (two each), Thickness: 10 mm	04