



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/06/20/ 201 - 206

Date: 02/07/2020

(through e-mail)

M/s _____

Sub: Notice inviting quotation for purchase of Kits to EIE dept.

This Institute intends to purchase kits for EIE Dept. Please send quotation to the undersigned in a sealed cover duly super scribed on envelop **"Quotation for purchase of Kits"** so as to reach latest by closing date i.e. 31.07.2020. The description of material is as under:

S. No.	Detailed Specification	Qty.	EMD (Rs.)	Remarks
1.	Single phase half wave controlled converter with freewheeling diode	01	1250.00	Detailed proof of specifications in the shape of leaflets for Make & Model no. of item will be attached
2.	Single phase full wave controlled converter with freewheeling diode	01	1800.00	
3.	Single phase half controlled bridge converter	01	1800.00	
4.	Single phase fully controlled bridge converter	01	1800.00	
5.	Three phase half controlled bridge converter	01	2000.00	
6.	Single phase AC regulator	01	1600.00	
7.	Single quadrant current commutated chopper	01	1800.00	
8.	Single phase voltage source inverter	01	2000.00	
	(Detailed technical specifications of all equipments 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 other terms & conditions for submitting the quotation are given overleaf which must be read carefully before submitting the quotation.
- 4) The Price quoted must be FOR SLIET, Longowal.
- 5) Quotation must be valid for a period of 3 months.
- 6) Quotations received later than due date are liable to be rejected and returned as it is.
- 7) 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. organization/dept.
- 8) As per instructions if purpose of quotation is not super scribed and quotation is opened by mistake then it may be rejected.
- 9) EMD is required to be submitted in the form of Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque from any of the Commercial Bank in favour of Director, SLIET, Longowal.

Amr
Deputy Registrar
(Store & Purchase)
02/07/2020

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

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

TERMS & CONDITIONS OF QUOTATION

DELIVERY	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.
TERMS OF PAYMENT	Our normal term of payment is within 45 days after receipt of stores in good condition & its installation by means of cheque/draft/RTGS.
PERFORMANCE SECURITY	Performance Security @ 5% of order value in the shape of DD, 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-2017 rules, is also required.
EMD	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.
Concessional GST	The Institute is registered with the department of Scientific & Industrial Research (DSIR) for purposes of availing customs duty exemption in terms of Govt. notification No. 51/96-customs dated 23.07.1996 and central excise duty exemption in terms of Govt. notification No. 10/97-central excise dated 01.03.1997 and 45/2017 & 47/2017 dated 14/11/2017 regarding GST as amended from time to time. The relevant exemption certificate will be issued to the successful bidder only if the excise duty/customs duty/GST are exclusively mentioned in the commercial bid of e-Tender/NIQ. NO ADVANCE PAYMENT WILL BE MADE.
EXEMPTIONS	Customs duty is exempted to the institute. The relevant exemption certificate will be issued to the successful bidder only if the 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.
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 does not bind itself to accept the lowest price. In case of any dispute, the decision of Director SLIET will be final & binding.
VALIDITY OF QUOTATIONS	Quotations must remain valid for period of at least 03 months.
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. Conditional, telegraphic quotation shall be rejected outrightly.
DISCOUNT/REBATES	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.
GENERAL TERMS	SLIET shall not be held responsible for any postal delay in sending or late receipt of quotation. Quotation should be free from corrections & erasures. Other terms & Conditions will be applicable as per GFR-2017.


 Deputy Registrar
 (Store & Purchase)

Annexure - A

Sr. no.	Detailed generic specifications	Qty.
1	<p>Single phase half wave controlled converter with freewheeling diode</p> <p>Specifications – Power – 01 kW Input supply – single phase 230 V, 50 Hz AC Output – Variable DC voltage 0-200V, 5A All the SCRs should mounted on a proper rating heat sink and with a snubber circuit across each SCR for protection. The source and load voltage, source and load current, thyristor voltage and freewheeling current waveforms must be available on panel using isolation amplifiers and current sensors for observations of students.</p>	01
2	<p>Single phase full wave controlled converter with freewheeling diode</p> <p>Specifications – Power – 01 kW Input – single phase 230 V, 50 Hz AC Output – Variable DC voltage 0-200V, 5A All the SCRs should mounted on proper rating heat sink and with a snubber circuit across each SCR for protection. The source and load voltage, source and load current, thyristor voltage and freewheeling current waveforms must be available on panel using isolation amplifiers and current sensors for observations of students.</p>	01
3	<p>Single Phase Half Controlled Bridge Converter</p> <p>Specifications – Power – 01 kW Input – single phase 230 V, 50 Hz AC Output – Variable DC voltage 0-200V, 5A Specific Features All the SCRs should mounted on proper rating heat sink and with a snubber circuit across each SCR for protection. The source and load voltage, source and load current, thyristor voltage and freewheeling current waveforms must be available on panel using isolation amplifiers and current sensors for observations of students.</p>	01
4	<p>Single Phase Fully Controlled Bridge Converter</p> <p>Specifications – Power – 1 kW Input – single phase 230 V, 50 Hz AC Output – Variable DC voltage 0-200V, 5A All the SCRs should mounted on proper rating heat sink and with a snubber circuit across each SCR for protection. The source and load voltage, source and load current, thyristor voltage and freewheeling current waveforms must be available on panel using isolation amplifiers and current sensors for observations of students.</p>	01
5	<p>Three Phase Half Controlled Bridge Converter</p> <p>Specifications – Power – 1 kW Input – three phase 440 V, 50 Hz AC Output – Variable DC voltage 0-200V, 5A All the SCRs should mounted on proper rating heat sink and with a snubber circuit across each SCR for protection. The source and load voltage, source and load current, thyristor voltage and freewheeling current waveforms must be available on panel using isolation amplifiers and current sensors for observations of students.</p>	01

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6	Single Phase AC Regulator Specifications – Power – 1 kW Input – single phase 230 V, 50 Hz AC Output – Variable AC voltage 0-200V, 5A All the SCRs should mounted on proper rating heat sink and with a snubber circuit across each SCR for protection. The source and load voltage, source and load current, thyristor voltage and freewheeling current waveforms must be available on panel using isolation amplifiers and current sensors for observations of students.	01
7	Single Quadrant current Commutated Chopper Specifications – Power – 1 kW Input – 1 phase 160 V, 50 Hz AC Output – Variable frequency AC voltage 0-200V, 5A All the SCRs should mounted on proper rating heat sink and with a snubber circuit across each SCRs for protection. The source and load voltage, source and load current, thyristor voltage and freewheeling current waveforms must be available on panel using isolation amplifiers and current sensors for observations of students.	01
8	Single Phase Voltage Source Inverter Specifications – Power – minimum 0.5 kW Input – single phase 110 V, 50 Hz AC Output – Variable frequency AC voltage 0-110V, 5A The inverter should have provision to control the voltage and frequency independently and has the provision of selecting any one of the following operating mode: (a) 180 degree mode of operation (b) 120 degree mode of operation (3) Sinusoidal pulse width modulation – bipolar control (4) Constant current with hysteresis current control. The source and load voltage, source and load current, thyristor voltage and freewheeling current waveforms must be available on panel using isolation amplifiers and current sensors for observations of students.	01

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