

Subject: Notice Inviting Quotation for Purchase of Equipments (CAT-H)

This institute intends to purchase of Equipments as detailed given below. Interested firm/parties are requested to send the quotation to the office of undersigned in a sealed cover super scribed **“Quotation for Equipments (CAT-H)” on or before 10.01.2014.**

Sr. No.	Description	Qty.	Specifications
1.	Drill machine (Electric)	01	As per Annexure-“A”
2.	Illuminated magnifier	02	-do-
3.	Linear IC trainer	05	-do-
4.	Digital IC trainer	07	-do-
5.	Digital IC trainer	07	-do-
6.	Analog multi meter	30	-do-
7.	Bread board	10	-do-
8.	Power supply 0-30V variable	05	-do-
9.	Power supply \pm 15V	05	-do-
10.	Digital multi meter	35	-do-
11.	Blower	02	-do-
12.	LVDT trainer	02	-do-
13.	TEMPERATURE TRANSDUCERS TRAINER	02	-do-
14.	Pulse Amplitude Modulation/Demodulation kit	03	-do-
15.	Pulse width Modulation/Demodulation kit	03	-do-
16.	Delta Modulation/Demodulation kit	03	-do-
17.	AM Transmitter/ Receiver Trainer	03	-do-
18.	FM Transmitter/ Receiver Trainer	03	-do-
19.	Pulse Code Modulation / Démodulation Trainer	03	-do-
20.	Filter Trainers	05	-do-
21.	ASK Trainer	05	-do-
22.	FSK Trainer	05	-do-

23.	QPSK Trainer	05	-do-
24.	Optical Power Meter	01	-do-
25.	U.P.S.	01	-do-

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 ST/VAT 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.

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TERMS & CONDITIONS FOR QUOTATION

DELIVERY	The rate quoted must preferably be free delivery/F.O.R. Longowal after allowing the discount, if any. Where quoted extra advalorem rate payable should clearly be indicated. Supply should be made within the specified delivery period.
TERMS OF PAYMENT	Our normal terms of payment is within 30 days after receipt of stores in good condition by means of cheque/draft/RTGS
TAXES	No sales tax concession against Form C and 'D' is admissible to this Institute. However, form of certificate being an educational institute can be issued if sales tax concession is admissible.
EXEMPTIONS	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.
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 not bind itself to accept does the lowest price. In case of any dispute, the decision of Director SLIET will be final & binding.
VALIDITY OF QUOTATIONS	Quotations will be considered valid for 3 months from the date of receipt.
CORRESPONDENCE	No correspondence regarding acceptance/rejection of a quotation will be entertained.
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.
DISCOUNT/REBATES	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.
	Conditional, telegraphic quotation shall be rejected out rightly.
	SLIET shall not be held responsible for any postal delay in sending or late receipt of quotation.
	Quotation should be free from corrections & erasures.
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

S.No.	Item	Specifications	Qty.
1.	Drill machine (Electric)	Handy electric drill machine, 220V AC operated heavy duty motor.	01
2.	Illuminated magnifier	Lens: Specially designed, distortion controlled high quality lens correctly sized for both eyed (bi-ocular) vision. Clear diameter 130 mm, 3.2D lens. Provides about 4 times area magnification. Working clearance below lens mount is 250 mm, and field seen can be up to 250 mm. Illumination: 22 watt standard circular fluorescent light providing shadow free, bright illumination. Stand: Highly optimized design, concealed balancing mechanism with feather-touch movement to place the lens in the correct position and orientation. Lens center can reach out 900 mm in front of mount axis with up to 360 degrees swipec.	02
3.	Linear IC trainer	Study of operational amplifier (op-amp IC 741), ic 555 all practical, power supply dc and ac for above said practical's, patch cords, cover etc. manual	05
4.	Digital IC trainer	All Basic gate, universal gate , Flip Flop(RS,JK,T,D,JKMS) Component should inside the kit, with Kit cover, connecting leads, Power Supply +5V with logic input & output LED, cover, manual etc.	07
5.	Digital IC trainer	Counters, shift registers .Component should inside the kit, with Kit cover, connecting leads, Power Supply +5V,±15V DC with logic input & output LED, cover, manual etc.	07
6.	Analog multi meter	DC 0-1000V, AC 0-1000V, CURRENT max.10A, Resistance 10M ohm.	30
7.	Bread board	Inbuild power supply +5V,±15V DC,with 5 logic input & 5 logic output LED , with 1Hz,100Hz 1KHz TTL clock. ,cover	10
8.	Power supply 0-30V variable	A : 0-30 V, 1 A, Constant Voltage and Constant Current operation, Digital display for voltage and current, cover/manual etc.	05
9.	Power supply ± 15V	+/-15v, 1 A, Constant Voltage and Constant Current operation, Digital display for voltage and current, dust cover	05
10.	Digital multi meter	DC Voltage :400mV/4V/40V/400V/1000V AC Voltage :4V/40V/400V/750V DC Current :400µA/4000µA/40mA/400mA/4A/10A	35

		AC Current :400 μ A/4000 μ A/40mA/400mA/4A/10A Resistance :400 Ω /4k Ω /40k Ω /400k Ω /4M Ω /40M Ω Capacitance :40nF/400nF/4 μ F/40 μ F/100 μ F Frequency :10Hz-10MHz	
11.	Blower	High Power Portable Electric Blower Light weight, high power electric blower, power 500 watts	02
12.	LVDT trainer	Self contained and easy to operate. Sensitive, Linear Stable and Accurate. Functional block indicated on broad mimic 3digit LED display with polarity indicator. Onboard LVDT displacement measurement jig with micrometer. Amplitude measurement for Excitation Generator. High repeatability and reliability. Compact size. Study of Input and Output characteristics of LVDT. To determine linear range of operation of LVDT. To determine sensitivity of LVDT. To measure Phase difference between LVDT secondary.	02
13.	TEMPERATURE TRANSDUCERS TRAINER	Each with 4 different Transducers. Study of Transducer controlled switching/alarm systems. On board signal conditioning circuitry. Built-in DC power supply. Functional blocks indicated on- board Mimics. Fully documented Student Workbook and Operating Manual with each trainer. Compact size. Experiment that can be performed, Characteristics of IC temperature Sensor Characteristics of NTC Thermistor, NTC Bridge Circuit, Platinum RTD. K type Thermocouple. Temperature Controlled Alarm System.	02
14.	Pulse Amplitude Modulation/Demodulation kit	The components should be mounted with protection of transparent acrylic sheet or mounted back side of the PCB.	3
15.	Pulse width Modulation/Demodulation kit	The components should be mounted with protection of transparent acrylic sheet or mounted back side of the PCB.	3
16.	Delta Modulation/Demodulation kit	The components should be mounted with protection of transparent acrylic sheet or mounted back side of PCB.	3
17.	AM Transmitter/ Receiver Trainer	The components should be mounted with protection of transparent acrylic sheet or mounted back side of PCB.	3
18.	FM Transmitter/ Receiver Trainer	The components should be mounted with protection of	3

		transparent acrylic sheet or mounted back side of PCB.	
19.	Pulse Code Modulation / Démodulation Trainer	The components should be mounted with protection of transparent acrylic sheet or mounted back side of PCB.	3
20.	Filter Trainers	Filter Trainers of different types (low, high, band pass, band eliminate etc.): The components should be mounted with protection of transparent acrylic sheet or mounted back side of the PCB. Butter worth 2 nd and 4 th order.	5
21.	ASK Trainer	All components should be mounted on trainer kit with full protection of transparent acrylic sheet or be mounted on back side of the trainer PCB. List experiments which can be performed with this trainer be provided in complete manual.	5
22.	FSK Trainer	All components should be mounted on trainer kit with full protection of transparent acrylic sheet or be mounted on back side of the trainer PCB. List experiments which can be performed with this trainer be provided in complete manual.	5
23.	QPSK Trainer	All components should be mounted on trainer kit with full protection of transparent acrylic sheet or be mounted on back side of the trainer PCB. List experiments which can be performed with this trainer be provided in complete manual.	5
24.	Optical Power Meter	Wavelengths:850, 1310, 1550nm. Power range: +23dbm—40dbm, display: 4 digits(dbm or W), Wavelength, low battery, Power supply / battery -9V.DC	01
25.	U.P.S.	2.5KVA with one hour backup on load.	01

