

## INVITATION FOR QUOTATION

TEQIP-III/2018/vecl/Shopping/82

05-Jul-2018

To,

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### Sub: Invitation for Quotations for supply of Goods

Dear Sir,

1. You are invited to submit your most competitive quotation for the following goods with item wise detailed specifications given at Annexure I,

Sr. No	Brief Description	Quantity	Delivery Period(In days)	Place of Delivery	Installation Requirement (if any)
1	Physics Lab	1	45	Vishwavidyalaya Engineering College, Lakhanpur	Yes

2. Government of India has received a credit from the International Development Association (IDA) towards the cost of the **Technical Education Quality Improvement Programme[TEQIP]-Phase III** Project and intends to apply part of the proceeds of this credit to eligible payments under the contract for which this invitation for quotations is issued.
3. Quotation,
  - 3.1 The contract shall be for the full quantity as described above.
  - 3.2 Corrections, if any, shall be made by crossing out, initialing, dating and re writing.

3.3 All duties and other levies payable by the supplier under the contract shall be included in the unit price.

3.4 Applicable taxes shall be quoted separately for all items.

3.5 The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

3.6 The Prices should be quoted in Indian Rupees only.

4. Each bidder shall submit only one quotation.

5. Quotation shall remain valid for a period not less than **55** days after the last date of quotation submission.

6. Evaluation of Quotations,

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

6.1 are properly signed ; and

6.2 confirm to the terms and conditions, and specifications.

7. The Quotations would be evaluated for all items together.

8. Award of contract:

The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

8.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

8.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

9. Payment shall be made in Indian Rupees as follows:

**Delivery and Installation - 90% of total cost**

**Satisfactory Acceptance - 10% of total cost**

10. All supplied items are under warranty of **12** months from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **16:00** hours on **16-Jul-2018** .
12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **Yes**
14. Testing/Installation Clause (if any) **Yes**
15. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
16. Sealed quotation to be submitted/ delivered at the address mentioned below,  
Vishwavidyalaya Engineering College, Lakhanpur Main Road,Lakhanpur.Pin 497116.Chhattisgarh
17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

**Annexure I**

Sr. No	Item Name	Specifications
1	Physics Lab	Physics Lab a. Newton Ring Apparatus : 01 Set Lens Type : Plano - convex Focal Length : 100cm/200cm Diameter : 6cm Newton's Ring Microscope Magnification : 10x Weight (kg) : 5.7 (approximate) Horizontal Movement Limit : 9cm Least Count of Circular Scale : 0.001cm Sodium Vapour Lamp Wavelength : 5893Å Operating Wattage : 35W Mains Supply : 230V ±10%, 50Hz b. Resistivity and Band Gap measurement of Semiconductor – 01 set Four Probes Contacts : Spring loaded Space between Probes : 2 mm ±2% Probes : Collinear Sample Material : Germanium Crystal Type : N type Oven Maximum Temperature : 150°C Heater Resistance : 450 Heater Voltage : 45V (approximate) Measurement Unit Display : LCD 16 x 2 Characters Range : 0-2V Constant Current Generator Current Range : 0 to 20mA Resolution : 1mA Open Circuit Voltage : 18V Oven Power Supply Input : 230V AC ±10%, 50Hz c. Logic Gates Trainer : 01 Set Study of AND gate and to verify its truth table, Study of

OR gate and to verify its truth table, Study of NOT gate and to verify its truth table, Study of NAND gate and to verify its truth table, Study of NOR gate and to verify its truth table, Study of XOR gate and to verify its truth table, Study of XNOR gate and to verify its truth table d. Resolving Power of Telescope – 01 Set Slit Stripes Width : 1mm Separation between Stripes : 1mm, 2mm, 5mm Variable Rectangular Slit Main scale : 5mm Circular scale : 50 divisions Least Count : 0.02mm Eyepiece : 10x (Ramsden) Sodium vapor lamp Wavelength : 5893Å Wattage : 35W Mains Supply : 230V  $\pm 10\%$ , 50Hz e.  $e/m$  by Measurement setup : 01 Set Cathode Ray Tube Distance between Plates :  $d=1.4\text{cm}$  Length of Plates :  $l=3.23\text{cm}$  Distance between Screen :  $L=14.5\text{cm}$  and Plates (edge) Focusing Voltage : Variable 0 - 300V DC Intensity Adjustment Voltage : Variable 0 - 60V DC Deflection Voltage : Variable 0 - 50V Scale : 0 - 30cm each side CRT connection : Octal socket LCD : 16 x 2 Characters Deflection magnetometer : 0 to 90° Mains : 230V AC  $\pm 10\%$ , 50Hz Fuse : 500mA f. Sonometer Apparatus – 01 Set Length of wire : 88cm Weight of wire : 0.0018kg (approximately) Weight (6 nos.) : 0.5kg (each) Power Supply : 230V  $\pm 10\%$ , 50Hz AC Power Supply : 6V, 500mA g. Hall Effect Setup – 01 Set 1) Gauss and Tesla meter - Microcontroller Based LCD Display for Measurement of Magnetic Field in Gauss and Tesla, With PC Interface facility. Sensor : InAs for better sensitivity Range : 0-20kG Special feature : Indicate the direction of the magnetic field Mains : 230V AC  $\pm 10\%$ , 50Hz PC interface : RS232 2) Measurement unit - Probe current : 20mA (maximum) Heater current : 0-700mA Temperature : 0-100°C Hall voltage : 200mV (maximum) Mains : 230V AC  $\pm 10\%$ , 50Hz PC interface : RS232 and USB A) Hall probe Crystal : p-type lightly doped Resistivity : As on probe Thickness : As on probe B) Temperature Sensor : Temperature is Measured with PT-100 3) Constant Current Power Supply Nvis 623 Current range : 0 to 3.5A Output voltage : 20V Display : LCD, 16 x 2 Mains : 230V AC  $\pm 10\%$ , 50Hz 4) Electromagnet Poles : 25mm diameter Coils : 2 Nos. Resistance : 50 (approximate) Input current : 3.5A at 20V h. Poiseuille Viscosity Apparatus – 01 Set i. Potentiometer – 02 Set j. Bar Pendulum Setup – 02 Set k. Study of Solar Cell Characteristics cuve - 01 Set Solar Panel : Consists of 6 solar cells Maximum Voltage of each solar cell: 1.5V Maximum Current of each solar cell: 150mA Voltmeter : 0-10V Ammeter : 0-500mA Potentiometer : 5K 2 AA Rechargeable NiCd Battery : 1.2V Bulb : 1.2V, 270mA Fan : 1.5V, 400mA FM Band Radio : 12V l. Transistor Characteristics Apparatus – 01 Set m. Study of Photodiode - 01 Set n. Optical Bench – 02 Set o. Divergence of laser – 01 Set p. Accessoriess 1. Meterscale Steel – 02 Nos 2. Stop watch –

		02 Nos 3. Convex and Concave lens – 02 Set
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**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

Date: \_\_\_\_\_

To:

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\_\_\_\_\_

Sl. No.	Description of goods (with full Specifications)	Qty.	Unit	Quoted Unit rate in Rs. (Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments)	Total Price (A)	Sales tax and other taxes payable	
						In %	In figures (B)
<b>Total Cost</b>							

Gross Total Cost (A+B): Rs. \_\_\_\_\_

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (Amount in figures) (Rupees \_\_\_\_\_ amount in words) within the period specified in the Invitation for Quotations.

We confirm that the normal commercial warranty/ guarantee of ————— months shall apply to the offered items and we also confirm to agree with terms and conditions as mentioned in the Invitation Letter.

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_