



Parala Maharaj Engineering College Berhampur, TEQIP Cell, Room 501, Parala
Maharaja Engineering College, Sitallapalli, Berhampur, Odisha. Pin-761003

INVITATION LETTER

Package Code: TEQIP-III/OD/pmec/64

Current Date: 07-Mar-2019

Package Name: PMEC/TEQIP/PHY LAB 4

Method: Shopping Goods

To,

Sub: INVITATION LETTER FOR PMEC/TEQIP/PHY LAB 4

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	Item Name	Quantity	Place of Delivery	Installation Requirement (if any)
1	P-N Junction Diode Kit for study the Characteristics Property	2	PMEC Berhampur	all costs including civil and electrical erection for installation of equipments
2	BJT Kit for study the Characteristics Property	2	PMEC Berhampur	
3	RC- Circuit Kit	2	PMEC Berhampur	
4	Determination of unknown resistance by using meter bridge	2	PMEC Berhampur	
5	Telescope	2	PMEC Berhampur	

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, initialling, 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 **90**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.
 - 6.3 OEM's are preferred.
 - 6.4 Companies with past satisfactory experience from institutes of national repute would be preferred.
 - 6.5 Cost of bids should include all installation cost i.e. Civil, Electrical etc.
 - 6.6 Service point of the products nearer to the college would be preferred.
 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, Installation and Satisfactory Acceptance - 100% of total cost

10. Liquidated Damages will be applied as per the below:
Liquidated Damages Per Day Min % : 0.10
Liquidated Damages Max % : 10.
11. All supplied items are under warranty of months from the date of successful acceptance of items and AMC/Others is **60**.
12. You are requested to provide your offer latest by **16:30** hours on **12-Apr-2019**.
13. Detailed specifications of the items are at Annexure I.
14. Training Clause (if any) **yes**
15. Testing/Installation Clause (if any) **yes**
16. Performance Security shall be applicable: %
17. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
18. Sealed quotation to be submitted/ delivered at the address mentioned below, **Parala Maharaj Engineering College Berhampur,TEQIP Cell, Room 501, Parala Maharaja Engineering College, Sitallapalli, Berhampur, Odisha. Pin-761003**
19. We look forward to receiving your quotation and thank you for your interest in this project.
20. The purchaser may visit the suppliers place for inspection of product before its delivery. The cost of such visit will be borne by the supplier.

(Authorized Signatory)

Name & Designation

Annexure I

Sr. No	Item Name	Specifications
1	P-N Junction Diode Kit for study the Characteristics Property	<p>P-N Junction Setup, Selector Switch : V-I and V-T experiment, Bias & Junction Selector Switch at V-I position/Junction :-Voltmeter Display : 3½ digit, 7segment LED, auto polarity, Voltage Range : 0.000-1.999V Current Display : 3½ digit, 7segment LED, Current Range : 0-20mA Selector Switch at V-T position/Junction :-Voltage Display : 3½ digit, 7segment LED, Voltage Range : 0.000-1.999V Temperature Display : 3½ digit, 7segment LED, Temperature Range : 273K to 353K, CRO in Bias Position :-Frequency : 5KHz & 20KHz, Voltage : 220mV (p-p)Output Connector : 3 Pin, DIN type,Voltage Range : 0.00-10.00V, Oven : Heater pin 4 & 5. Temperature pin 1 & 2, Oven Connector : 5 Pin, DIN type Diode & Transistor : 4mm safety socket,Input Voltage : 220V, 50Hz AC Oven With Temperature Sensor, Heating Element : 35 ohm, Oven Connector : 5 Pin, DIN type, Ambient Temperature : 353K Temperature Sensor : Pt100, Output Pin : Heater pin 4 & 5. Temperature pin 1 & 2, Transistor With Connector, Transistor : NPN Type : BC109, Connector : 4mm Plug-in Socket Diode, Diode : P-N Junction</p>
2	BJT Kit for study the Characteristics Property	<p>It has built in two dual dc regulated power supplies 0-5/15 volts and 0-20/40 volts dc., four analogue meters are provided on front panel to measure the DC voltage and current, AC supply of 0-17-34 V , Load resistance 100 ohms to 1000 ohms, Fixed resistance $R_1 = 1K \Omega$, $R_2 = 2.2K \Omega$, $R_3 = 10K \Omega$ are provided for different uses, Potentiometer of 22 K ohms are is provided for intensity control applications</p>
3	RC- Circuit Kit	<ul style="list-style-type: none"> • Built in DC Regulated Power Supply :0-12V (Variable) • Voltmeter : 0-12V (Moving Coil) • Galvanometer : 1-0-1 (Moving Coil) • Resistances :10KΩ,15KΩ & 18KΩ • Capacitors : 1000 μf,2200 μf & 4700 μf • Toggle Switch : 2way • Dump Switch : 1no • Components are mounted on board • Front panel built with high class insulated sheet • Circuit & Symbol diagram printed on front panel • Interconnection : 4mm banana patch cord
4	Determination of unknown resistance by using meter bridge	<ul style="list-style-type: none"> • Carey-Foster-bridge with jockey • Resistance module 10 ohm • Resistance modules 0.5,1,1.5 & 2.5Ω(each) • Sensitive Galvanometer 20μA/Div. • Thick brass strip • Power supply 2V/100mA

		<ul style="list-style-type: none"> • Connecting leads (red & black) 50cm Connecting leads black 25cm • Unknown low resistance (.022 & 2 Ω)
5	Telescope	Reading telescope with stand.

FORMAT FOR QUOTATION SUBMISSION
(In letterhead of the supplier with seal)

Date: _____

To: _____

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)
Total Cost							

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. _____