

## INVITATION FOR QUOTATION

TEQIP-III/2018/deia/Shopping/21

12-Jan-2019

### 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      | AC MOTOR PROTECTION RELAY TEST SET UP                        | 1        | 30                       | Faculty of Engineering, DEI Dayalbagh Agra        |                                   |
| 2      | DC Ammeter   | 10       | 30                       | Faculty of Engineering, DEI Dayalbagh Agra-282005 |                                   |
| 3      | Distance Protection Relay                                    | 1        | 30                       | Faculty of Engineering, DEI Dayalbagh Agra        |                                   |
| 4      | NATOR PROTECTION TEST SET UP                                 | 1        | 30                       | Faculty of Engg.,DEI Dayalbagh Agra-282005        |                                   |
| 5      | NEGATIVE SEQUENCE CURRENT RELAY (NUMERICAL TYPE) TEST SET UP | 1        | 30                       | Faculty of Engg.,DEI Dayalbagh Agra-282005        |                                   |

|    |  |    |    |  |  |
|----|--|----|----|--|--|
| 6  | NUMERICAL TYPE OVER CURRENT RELAY STUDY TRAINER / TEST KIT                 | 1  | 30 | Faculty of Engineering, DEI, Dayalbagh Agra-282005                       |  |
| 7  | NUMERICAL TYPE OVER VOLTAGE/UNDER VOLTAGE RELAY STUDY TRAINER /TEST KIT    | 1  | 30 | DEI, Faculty of Engineering, Electrical Department Dayalbagh Agra-282005 |  |
| 8  | NUMERICAL TYPE OVER/UNDER FREQUENCY RELAY STUDY TRAINER / TEST KITTEST KIT | 1  | 30 | Faculty of Engineering, DEI, Dayalbagh Agra-282005                       |  |
| 9  | NUMERICAL TYPE REVERSE POWER RELAY STUDY TRAINER / TEST KIT                | 1  | 30 | Faculty of Engineering, DEI, Dayalbagh Agra-282005                       |  |
| 10 | RHEOSTATs  | 15 | 30 | Faculty of Engg.,DEI Dayalbagh Agra-282005                               |  |
| 11 | TRANSFORMER PROTECTION TEST SET UP   | 1  | 30 | Faculty of Engg, DEI Dayalbagh Agra-282005                               |  |

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. Quotations:**

- 3.1 The offer/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 for the offer/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 **50** 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 **60 months** from the date of successful acceptance of items.
11. You are requested to provide your offer latest by **16:00** hours on **05-Feb-2019** .
12. Detailed specifications of the items are at Annexure I.
13. Training/Testing Clause (if any) **Testing would be done at Faculty of Engg DEI Dayalbagh Agra-282005 with mutual convenience**
14. Information brochures/ Product catalogue, if any must be accompanied with the quotation clearly indicating the model quoted for.
15. Sealed quotation to be submitted/ delivered at the address mentioned below,  
Faculty of Engineering, Dayalbagh, Agra - 282005, Uttar Pradesh  
With sealed envelop marked as **“Quotations for Power Systems Lab/TEQIP-III/DEI”**
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      | AC MOTOR PROTECTION RELAY TEST SET UP | Contacts : 1 NO/NC<br>250V@5A AC,24V@5A DC Potential-<br>Free Output contacts<br>for Overload Pre-alarming<br>Auxiliary Supply : 85 -<br>275 V AC/DC Trip Accuracy :<br>As per IEC 947-4-1 Trip Calss 10A, 10, 20 &30 Pick-Up<br>Accuracy : +/- 12.5% Reset<br>: Manual |

|   |   |  |
|---|---|--|
| 2 | DC Ammeter  | DC Ammeter (0-1 A)   |
| 3 | Distance Protection Relay   | P443 MiCOMho High Performance Distance Protection Relay  |
| 4 | NATOR PROTECTION TEST SET UP  | Nator Protection Setup   |
| 5 | NEGATIVE SEQUENCE CURRENT RELAY (NUMERICAL TYPE) TEST SET UP            | NEGATIVE SEQUENCE CURRENT RELAY (NUMERICAL TYPE) TEST SET UP   |
| 6 | NUMERICAL TYPE OVER CURRENT RELAY STUDY TRAINER / TEST KIT              | Relay Rated Current : 1 Amp<br>Frequency : 50 Hz or 60 Hz<br>Primary Voltage Range : 85V - 275V<br>AC/DC, 21 -130 V DC Pick-Up :<br>103% -Off : 97%<br>Mounting : Flush Panel<br>Cut-Out : 151 * 157 mm + 0.1<br>mm Contact Rating : AC : 250<br>V @ 30 AMP DC<br>: 24 V @ 30 AMPS, 2 C/O or 3 C/O |
| 7 | NUMERICAL TYPE OVER VOLTAGE/UNDER VOLTAGE RELAY STUDY TRAINER /TEST KIT | a. Under Voltage Range : 150 to 230V in steps of 1V<br>b. Under Voltage Trip Time : 0.1 to 20 sec in steps of 0.1 sec<br>c. Over Voltage Range: : 250 to 300V in steps of 1V<br>d. Over Voltage Trip Time : 0.1 to 20 sec in steps of 0.1 sec<br>e. Primary Supply : 85-275 AC/DC                  |
| 8 | NUMERICAL TYPE OVER/UNDER FREQUENCY RELAY STUDY TRAINER / TEST KIT      | Rated Voltage :<br>230V/415V AC Primary Supply :<br>85 - 275 V AC/DC Frequency Setting Range :<br>40 - 60 Hz in steps of 0.1 Hz Power Supply Burden :<br>: <3 Watts Turn Off Delay<br>: 0.05 - 10.0 sec. in steps of 0.05 sec  |

|    |   |   |
|----|---|---|
| 9  | NUMERICAL TYPE REVERSE<br>POWER RELAY STUDY<br>TRAINER / TEST KIT | Rated Current : 5 Amp Trip Level<br>: 4% -20% in steps of 1% Delay :<br>0-20 sec. in steps of 0.1 sec Sensing Voltage range :<br>50-500 V Frequency Range : 40-60 Hz<br>Auxiliary Supply : 85 - 275 V AC/DC PICK-UP<br>: 103% Output Relay : 2 C/O,<br>250V, 8 Amp AC.<br>30V, 8 Amp DC |
| 10 | Rheostat  | 1.2 Amp 1000 ohm (5)<br>5 Amp, 100 Ohm (4)<br>10 Amp, 50 Ohm (3)<br>20 Amp, 25 Ohm (3)<br>Resistance value may change as per design but current<br>rating should remain fixed as above  |
| 11 | TRANSFORMER<br>PROTECTION TEST SET UP                             | TRANSFORMER PROTECTION TEST SET UP  |

**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.<br>(Including Ex Factory price, excise duty, packing and forwarding, transportation, insurance, other local costs incidental to delivery and warranty/ guaranty commitments) | Total Price<br>(A) | Sales tax and other taxes payable |                   |
|-------------------|---|------|------|--|--------------------|-----------------------------------|-------------------|
|                   |   |      |      |  |                    | In %                              | In figures<br>(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: \_\_\_\_\_