

## INVITATION FOR QUOTATION

TEQIP-II/2013/UK1G01/Shopping/30

15-Jan-2013

To,

### 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	(a) 3- $\phi$ bridge converter ,440volt, (b) 3- $\phi$ bridge inverter ,440volt, 3kw3kw	1	30	BTKIT DWARAHAT	Yes
2	AC Voltage controller unit (with all necessary accessories )	1	30	BTKIT Dwarahat	Yes
3	AC Voltage controller unit (with all necessary accessories)	1	30	BTKIT DWARAHAT	Yes
4	DC chopper unit (with all necessary accessories )	1	30	BTKIT DWARAHAT	Yes
5	Field Oriented Frequency Inverter fed Three Phase induction motor control unit (with all necessary accessories)	1	30	BTKIT DWARAHAT	Yes

6	Four quadrant dc motor converter control trainer for single phase and Three phase circuits (with all necessary accessories	1	30	BTKIT DWARAHAT	YES
7	SCR Commutation Circuit Trainer consisting of	1	30	BTKIT DWARAHAT	Yes
8	Voltage source Inverter /PWM Inverter fed Three phase induction motor control unit (with all necessary Accessories)	1	30	BTKIT DWARAHAT	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 II** 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 **36** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **16:00** hours on **27-Feb-2013** .

12. Detailed specifications of the items are at Annexure I.

13. Training Clause (if any) **one day training**

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,

Dwarahat - 263653 District - Almora

17. We look forward to receiving your quotation and thank you for your interest in this project.

(Authorized Signatory)

Name & Designation

**Annexure I**

<b>Sr. No</b>	<b>Item Name</b>	<b>Specifications</b>
1	(a) 3- $\phi$ bridge converter ,440volt, (b) 3- $\phi$ bridge inverter ,440volt, 3kw3kw	3-Phase bridge converter : 3- $\phi$ bridge converter ,440volt
2	AC Voltage controller unit (with all necessary accessories )	AC Voltage controller unit (with all necessary accessories) To study speed control of single phase induction motor using single phase ac voltage controller. It will comprise of Single Phase Universal Motor (1/2 HP) with control panel having all the digital meters and suitable accessories to perform the above experiment. Equipments required: Single phase Universal motor capacitor start 230 rpm 50Hz, 1/2 HP, horizontal foot mounted TEFC enclosure with DOL starter. Control panel It consist of nicely powder coated M.S. fabricated box with properly engraved circuit will be fitted on the Bakelite sheet panel with duly marked termination and also back door of the panel will have lock facility for safety of panel. Control Panel consist of following accessories:- 1. Digital Volt meter 0-300V – 1 No's. 2. Digital Ammeters 0-20A – 1 No's 3. Switch gear 4. Voltage regulator through SCR bridge 5. Indicating light and fuses 6. MCB etc. 7. Educational type insulated coloured terminals. NB: - Complete illustrated manual covering brief theory of equipments along with technical details and experimental procedures, Connection diagrams will be supplied with

		above experimental set up.
3	AC Voltage controller unit (with all necessary accessories)	AC Voltage controller unit (with all necessary accessories)
4	DC chopper unit (with all necessary accessories )	DC chopper unit (with all necessary accessories ). CHOPPER MOTOR CONTROLLER (MOSFET BASED) 1. Demonstration Board with following facilities :- (a) 110 V DC input Supply (b) Different testing points (c) 1:10 Attenuator for CRO (d) DC Voltmeter(300V) (e) DC Amp Meter(0-2.5) 2. Lamp 60 Watt 250V
5	Field Oriented Frequency Inverter fed Three Phase induction motor control unit (with all necessary accessories)	Field Oriented Frequency Inverter fed Three Phase induction motor control unit (with all necessary accessories). MACHINE REQUIRED It will comprise of 3-phase induction motor, 1HP with pronney brake load system complete with control panel comprising of metering and voltage and frequency inverter variable with frequency variation from 5 cycles to 50 cycles.
6	Four quadrant dc motor converter control trainer for single phase and Three phase circuits (with all necessary accessories	Four quadrant dc motor converter control trainer for single phase circuit : 250 volt, 5kW, 50 Hz and, Three phase circuits:440 volt, 5kW, 50 Hz (with all necessary accessories
7	SCR Commutation Circuit Trainer consisting of	SCR Commutation Circuit Trainer : All types of SCR commutation
8	Voltage source Inverter /PWM Inverter fed Three phase induction motor control unit (with all necessary Accessories)	Voltage source Inverter /PWM, Inverter fed Three phase induction motor control unit : 440 volt, 5kW, 50 Hz.(with all necessary Accessories)

**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)
<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: \_\_\_\_\_