

INVITATION FOR QUOTATION

TEQIP-II/2017/btec/Shopping/4

12-Oct-2017

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 | CRO | 16 | 45 | BTKIT,Dwarahat | Yes |
| 2 | Dual Power Supply | 2 | 45 | BTKIT, Dwarahat | Yes |
| 3 | Power Supply | 5 | 45 | BTKIT, Dwarahat | Yes |
| 4 | Pulse Generator | 5 | 45 | BTKIT, Dwarahat | Yes |
| 5 | Signal Generator | 10 | 45 | 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 - 100% of total cost

Satisfactory Acceptance - 0% 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 **15:00** hours on **30-Oct-2017** .
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,
Dwarahat Almora Pin-263653 Uttarakhand
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 | CRO | 30 MHz Dual Channel CRO with component testing facilities BANDWIDTH: - DC -30 MHz Sensitivity: - 1 mv/div (on both channel) ch1, ch2 (independent channel) Ch1 & ch2 (nate/chopper operator) Display area: - 8 x 10 cm (1 div -10 mm) min. X-Y Operation: -sensitivity: 5mv ~ 5v/div \pm 3%. Time base 40 ns/div to 0.2 s/div.Min. 8 x 10 cm display. Input coupling – ac, dc, gnd Tv Triggering frame (v)& line (h) Line trigger. internal trigger signal: - ch1 or ch2 Component tester. triggering to 40 mhz. accuracy \pm 3% Maximum input voltage -500v (dc + peak ac) Built in calibration source Magnification - 5 x increase is sensitivity of ed range (min.)• input |

| | | |
|---|-------------------|---|
| | | impedance: 1 m Ω & 25 pf (approx.) Display mode: ch1, ch2, ch1 & ch2 rate/chop. power requirement: -230v ac \pm 10%, 47-65 hz. Weight – 8 kgs (approx.) component tester: -component tester allows v-i characteristics of a device under test. Standard accessories: -instruction manual -1 no. Two 10:1 probe along with detachable power cord component test lead -1 no |
| 2 | Dual Power Supply | Dual, tracking +/- 18 volt outputs. Simple off-line power supply circuit Quasi-resonant, critical conduction mode flyback topology for maximum efficiency. Input conducted EMI filter. Low output ripple (< 100 mv) NTC thermistor inrush limiting Very low EMI noise generation Inherent over- current and over-voltage protection Application : Audio Amp Power Supply +/-18V |
| 3 | Power Supply | Output voltage: 0 - 30v Output current (max): 0 - 5a Input voltage: 230v \pm 10% ac 50 hz Output voltage: continuously variable with coarse & fine control Output current: settable with coarse & fine control Load regulation (cv): \pm 0.05 % \pm 3mv from no load to full load Load regulation (cc): + 0.05% + 1ma from no load to full load Line regulation (cv): \pm 0.01 % \pm 3mv for +10% variation input voltage Line regulation (cc): + 0.01% + 1ma for +10% variation input voltage Ripple: less than 1 mv Meter: two digital meters to monitor the output voltage & current Protection: against short circuit & over load |
| 4 | Pulse Generator | Spike shape complying o MIL STD 461 F/G, CS 115 waveform Rise / fall time: =2ns Pulse Duration time: 30ns Pulse repetition rate: Upto 30 Hz Adjustable Polarity: '+', '-' able Output load 50 Ohm Frequency range: 1khz - 10Mhz Output level (50 Ohm): up to 150dbuv/MHz 1db? Output Flatness |
| 5 | Signal Generator | Dual Output with 1 μ hz Frequency Resolution 11 Built-in Waveforms Frequency range : DC/10 Hz – 15 mhz Frequency resolution : 1 μ hz Impedance : 50 Ohms Power : 10mv - 10V (into 50 Ohms) 60 dbc, typical? Spurious (non-harmonic)40 dbc, typical? Harmonics Phase noise (10 khz offset): -110dbc/Hz, typ. Wave forms: Sine, Square, Ramp, ARB Modulation : AM, FM, Pulse, Phase, FSK, PSK Remote control : USB or IEEE 488 bus controllable |

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: _____