

## INVITATION FOR QUOTATION

TEQIP-III/2017/ntst/Shopping/27

23-Nov-2017

### 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	Lyophilizer	1	45	NIT Sikkim, Ravangla, South Sikkim, PIN 737 139, INDIA	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.

  
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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 **30** 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 **24** months from the date of successful acceptance of items.

11. You are requested to provide your offer latest by **17:00** hours on **22-Dec-2017**.



12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any)
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,  
Dr. Achintesh Narayan Biswas, Nodal Officer (Procurement), TEQUIP III, NIT Sikkim,  
Ravangla, South Sikkim, 737139
17. We look forward to receiving your quotation and thank you for your interest in this project.



(Authorized Signatory)

Dr. Achintesh Narayan Biswas,  
Nodal Officer (Procurement),  
TEQUIP III, NIT Sikkim

#### Annexure I


Sr. No	Item Name	Specifications
1	Lyophilizer	<p>1. Microprocessor Controlled compact Floor model Lyophilizer</p> <p>(a) The Instrument should be possible to be built up optimum freeze drying system by desired combination of manifold, dry chamber and vacuum pump.</p> <p>(b) Instrument should have trap cooling temperature and vacuum level are measurements and indicate sample vessel mounting possibility during auto mode operation.</p> <p>(c) Simple operation procedure should require only start, flask mounting and stop after drying finish.</p>



		<p>(d) Timer function should be provided. Oil exchange time can be confirmed by the display of integrated operation time of vacuum pump.</p> <p>(e) 0.2<math>\mu</math>m filter shall be equipped at air inlet to prevent contamination during leak process.</p> <p>Detailed Technical Specifications</p> <p>Cold trap temperature: -80°C</p> <p>Ice holding capacity: 1L/one batch</p> <p>Temp. setting &amp; display: Sheet key input &amp; digital display</p> <p>Safety functions: Leak/over current breaker, Fuse for service outlet, Control board self diagnosis, Refrigerator protection circuit</p> <p>Other functions: Vacuum pump automatic operation function, Monitoring function of vacuum rate and trap temp.</p> <p>Vacuum leak function: Auto-leak at power OFF or at power failure</p> <p>Trap de-icing: by hot gas</p> <p>Refrigerator &amp; refrigerant: Air cooling, 400W x 2, HFC (R404A-R23)</p> <p>Trap dimensions (mm) &amp; material: 153 x 225H SUS 304</p> <p>Vacuum display: Digital display, 0.0~533.0Pa</p> <p>Approximate Overall dimensions (mm): 450W x 550D x 935H</p> <p>Compact Weight: 70 -75 KG (Approximate)</p> <p>It should come complete with 4 port T-Shape Manifold for round bottom flask (50 ~ 100ml)/bottles (50 ~ 300ml), No. of ports: 4 (standard)</p> <p><b>2. OIL VACCUM PUMP</b></p> <p>Displacement: 135L/min</p> <p>Ultimate vacuum: 6.7x10<sup>-2</sup>Pa ( 5x10<sup>-4</sup> Torr)</p> <p>Motor output : 400W (approx.)</p>
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		<p>Oil capacity: 1000ml (approx.)</p> <p>Safety feature : Thermal protector, check valve, Oil filter</p> <p>Must have Reverse flow prevention mechanism, gas ballast valve, equipped with forced oil feeding system.</p> <p>Shall have large window to make it easy to confirm oil condition.</p> <p>3. Round Shape Dryer with Shelf for drying of Petridishes &amp; test tubes in racks Max. dia of attachment: 270mm, No. of shelf: 1 Shelf diameter: Dia. 220 No. of 10mL vial x shelf: 58 x 1 No. of Petri dish x shelf: 7 (OD 66) x 1 with provision for</p> <p>1) Pre Freeze Bath with Flask Rotator for liquid Crystalization</p> <p>2) Round shape Sealing Tray Dryer. Above two items should be quoted in option. All the above three equipment should be provided with all necessary accessories and spare parts from same Brand/Manufacturer.</p> <p>4. Suitable Servo Voltage Stabilizer (reputed ISI marked brand) quote as optional item.</p>
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(In letterhead of the supplier with seal)

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

To:

[illegible]

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.

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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: \_\_\_\_\_

  
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