

## INVITATION FOR QUOTATION

TEQIP-II/2017/ntst/Shopping/2

03-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	Vertical Biosafety cabinet	1	30	NIT Sikkim, Ravangla, Sikkim 737139	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.

  
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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 **30-Nov-2017** .



12. Detailed specifications of the items are at Annexure I.
13. Training Clause (if any) **NA**
14. Testing/Installation Clause (if any) **Installation Required**
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, NIT Sikkim Ravangla Campus, South Sikkim, PIN 737 139
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, TEQUIP3,  
NIT, SIKKIM

#### Annexure I

Sr. No	Item Name	Specifications
1	Vertical Biosafety cabinet	<p>1. The Bio safety cabinet should be Type A2 in which 70% Air should be re-circulated and 30% of the air should be exhausted, with the air flow should be preferably vertical.</p> <p>2. Cabinet should have durable grade stainless steel (SS304) work surface with protection from rust, or generated particles. Standard work surface must be single-piece work tray and main body must be constructed with 18 gauge electro galvanized steel with anti microbial coating.</p> <p>3. The cabinet must be individually certified (Sticker pasted on the unit) with the following regulations and standards for Class II A2: NSF International – Standard 49 Or EN12469 for</p>

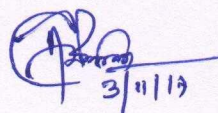


		<p>Biohazard cabinetry.</p> <p>4. The Bio Safety Cabinet must include a ECM / brushless DC (BLDC) motor for minimization of energy consumption.</p> <p>5. The motor must automatically adjust the airflow speed without the use of a damper to ensure continuous safe working conditions, even without maintenance adjustments.</p> <p>6. In order to preserve safety to the user and the environment, exhaust blowers must automate balancing of down flow and inflow/exhaust velocities.</p> <p>7. Cabinet should have dual ULPA/ HEPA filter with integral metal guards and filter frame gaskets and fully compliant with EN 1822 and filters tested to &gt;99.999% efficiency for 0.1- 0.3 micron particulates. Filter life should be prompt in display board.</p> <p>8. The microprocessor must display the airflow velocities in real-time on an digital LED display to ensure the user knows whether or not the cabinet is working under safe operating conditions.</p> <p>9. The front window must have approximately 10" sash opening, and be made of laminated safety glass to ensure containment of potentially hazardous samples in the case of accidental glass breakage.</p> <p>10. All interior and exterior parts must be painted or smooth to ensure no risk of cuts to users or maintenance personnel.</p> <p>11. The front of the cabinet must be angled at 10° to help minimize glare on the window to the user, for enhanced comfort and reduced operator fatigue.</p> <p>12. The cabinet noise level must be =65 dB(A) for a 4 foot cabinet. 13. The Biosafety Cabinet should have microprocessor controller and same must be located on a slanted front panel so that it is easy to see and reach from a seated working position in front of the cabinet.</p>
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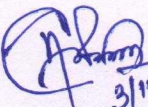



		<p>14. The interior of the front window must be accessible for cleaning without requiring the user to remove or support the window.</p> <p>15. The cabinet must automatically reduce fan/blower motor speed to about 30% when the front window sash is in closed position to ensure reduced energy consumption when the cabinet is not in use.</p> <p>16. In order to provide maximum effectiveness, efficiency and safety to laboratory Personnel, UV light must be programmable to allow for specific exposure times from 30 minutes to 24 hours.</p> <p>17. The Cabinet should have provision to fit taps for Vacuum, Water and Non Combustible Gas</p> <p>18. Approximate Dimensions: Exterior 1500mm H x 1300mm W x 800mm D; Interior 800mm H x 1200mm W x 500mm D</p> <p>19. Ventilation System Exhaust and Inflow air volume approx 300-350 CFM 20. Heat Emissions at 25°C should be approx 0.2 KW or lesser. 20. The cabinet Should be provided with Microprocessor controller and large LED display for inflow and Down flow air velocity and hours of operation, Audible and visual Alarms for HEPA filter failure, blower failure, airflow speed failure, Incorrect window position.</p> <p>21. The cabinet should be provided with adjustable Height Stand, UV Light and one set of detachable arms rest. Bidders should supply at least two extra UV-lamps, UV lamp electrical socket and SS make movable stand anti microbial coated with front wheel and breaks for easy movement.</p> <p>22. Bidders should provide original literature as a proof of specification.</p> <p>23. The instrument should be provided with a voltage stabilizer as per instrumental requirement.</p> <p>24. The Drain Pan of the BSC should be made of Stainless Steel.</p>
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		<p>The drain pan should not be painted or powder coated.</p> <p>25. The Bio safety cabinet should have dual side wall with negatively pressurized interstitial space. Bio Safety Cabinet with single glass side walls not acceptable / should not be quoted.</p>
Quantity		ONE (01)
Delivery Period		30 Days
Place of Delivery		NIT Sikkim Ravangla Campus, South Sikkim, PIN 737 139
Installation Requirement if any		YES

  
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**FORMAT FOR QUOTATION SUBMISSION**

(In letterhead of the supplier with seal)

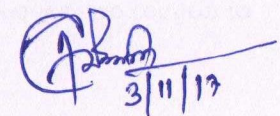
Date: \_\_\_\_\_

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.

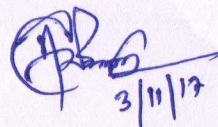
We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact No: \_\_\_\_\_

A handwritten signature in blue ink, followed by the date 3/11/17.