

## INVITATION FOR QUOTATION

TEQIP-II/2017/ntst/Shopping/14

04-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	Inverted micro-scope	1	45	NIT Sikkim, Ravangla	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.

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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) **YES**
14. Testing/Installation Clause (if any) **YES**

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

  
(Authorized Signatory)

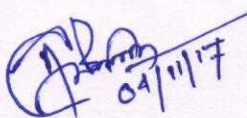
Dr. Achintesh Narayan Biswas,  
Nodal Officer, Procurement, TEQUIP3,  
NIT Sikkim Ravangla Campus, South Sikkim,  
PIN 737 139

#### Annexure I

Sr. No	Item Name	Specifications
1	Inverted micro-scope	<p>Microscope:</p> <ul style="list-style-type: none"><li>• Fixed trinocular inclined photo tube at 45° angle with FOV 22 mm or better.</li><li>• In-built Hi power white LED light source for Trans illumination (bright field / phase contrast).</li><li>• LWD Plan Achromat Integrated phase contrast (IPC) objectives: 10X (NA 0.25, WD 8.8 mm), 20x (NA 0.4, WD 3.2mm) &amp; 40x (NA 0.55, WD 2.2mm or better</li><li>• Pair of 10x eyepiece FN 22 (focusable).</li><li>• Condenser NA 0.3, WD 72 mm. Condenser should be removable to</li></ul>




	<p>make it suitable for plastic / glass petri plates, flask, culture dish observation and imaging.</p> <ul style="list-style-type: none"> <li>• Minimum 4 or more position revolving nosepiece. • Plain stage with dimension of 230mm X 200mm or better. Mechanical XY stage should be quoted as optional item.</li> <li>• Optical light path ion between camera port and eye port 100:0, 0:100</li> <li>• At least 5 MP high quality CMOS camera for bright field and phase contrast application and image analysis. Image sensor size: 1/2.5 inch or better, pixel size: 2.2 x 2.2 micron or better. 0.5x c-mount adapter for camera.</li> <li>• Imaging software with the following feature: Snap Shot, Time lapse imaging, Videos, 2D Measurement including calibration: Linear, Circular, Polygon, free hand ROI, Image stitching, Extended depth of focus, Color composite, Segmentation and cell/object counting, Image stacking, Image enhancement (Hue, Saturation, Contrast etc)</li> <li>• Microscope should be strictly German or Japanese standard.</li> <li>• Microscope should be upgradable with Hi quality Fluorescence grade Apochromtic objectives with at least 100watt/ 130 watt mercury burner illumination along with DAPI, FITC, TRITC filter for future into fluorescence microscope on site.</li> <li>• The instrument should be provided with a desktop PC and printer according to the specifications as follows: Intel® 7thn Generation Core i7 Quad Core CPU with minimum clock speed of 3.4 GHz; Intel® Q Series Chipset; 8 GB DDR4 RAM expandable upto 64 GB; 1 TB HDD with 7200 RPM SATA III 6 Gbps; DVD Writer; Integrated Graphics with min. 2 GB RAM; OS: Ubuntu / Linux; Keyboard; Optical Mouse; 19.5 inch or higher LED Backlit Monitor.</li> </ul> <p><b>Cell Counter:</b></p> <ul style="list-style-type: none"> <li>• Counting: Cell counting time should be less than 10 sec (Manual Focusing) and less than 15 sec (Auto focusing). Counter should be able to work under <math>5 \times 10^4</math> - <math>1 \times 10^7</math> cells/mL cell concentration range. Color Image resolution should be not less than 5 Megapixel. 7 inch LCD/TFT display for clear visualization.</li> </ul>
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	<ul style="list-style-type: none"> <li>• Focus: Automatic and manual focusing mode using liquid lens for optimum focus throughout Z axis. Adjustable parameters like Size, Roundness, Dilution factor, Noise reduction, Declustering should be included for reliable and accurate data production.</li> <li>• Data: Data output include: Total / Live / Dead cell concentration, Total / Live / Dead cell number, Viability, Average cell size etc. Image format TIFF/ Annotated TIFF and Report format should be in PDF file. Instruments should have the memory to store at least 1000 count and at least 300 protocols for maximum usability of the counter.</li> <li>• Data Collection: Instrument should be equipped with at least 2 USB port and built in Thermal printer for instant data printout.</li> <li>• Weight: Instruments should be light weight (preferable weight less than or equal to 2.5kg) for easy transport and handling.</li> <li>• Counting slide: Hi quality Polystyrene made chamber slides for 100 counts (50 slides, 2 chambers per slide) should be supplied with the instruments. Chamber volume 10 <math>\mu</math>L.</li> </ul>
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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.

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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.

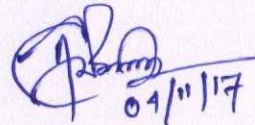
We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in bribery.

Signature of Supplier

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

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

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

A handwritten signature in blue ink, followed by the date "04/11/17" written vertically.