

**ICMR - NATIONAL INSTITUTE OF CANCER PREVENTION AND RESEARCH**  
**Plot No. I-7 SECTOR-39 NOIDA – 201301**

NICPR/Store/Equip/Tender/2017-8

Dated: 21 Nov, 2017

**INVITATION TO TENDER**  
**SUPPLY, INSTALLATION & COMMISSIONING OF**  
**LABORATORY EQUIPMENTS**

Dear Sir,

1. The Director National Institute of Cancer Prevention And Research (ICMR), I-7, Sec-39, Noida-201301, invites Sealed Tenders for the Purchase of Equipments (**as per “Schedule of Requirement” enclosed at Annexure-I**). The bidders may go through the Terms and Conditions carefully. In case any bidder fails to follow any or more of these conditions, the offer shall be summarily rejected. **The Specifications of the Equipments are attached at Annexure-II.**
2. The quantity of Equipments is probable and subject to change without any further notice/reason. Notwithstanding the estimate of probable numbers, The Director National Institute of Cancer Prevention And Research, reserves the right to reject any or all the tenders or cancel the Tender invitation in toto, without assigning any reason.

**Two Bids System**

3. Tender for **Each Equipment** as per Annexure-I is to be **submitted separately**. Technical Bids and Price Bids (as per Schedule of Requirement at Annexure-I) should be made/sealed separately and put together in an Envelope which should be clearly marked as **“Tender for (items)” & “Date of Opening”**. Technical Bid **should accompany EMD and Line-wise confirmation of the proposed Specifications on Vendor’s Letter Head.** Technical Bids and Price Bids will be accepted only from the Manufacturers of repute, or, their Authorized Indian Representatives, for Supply, Installation & Commissioning.
4. The Tenderer should clearly mention whether they are the Manufacturer or authorized Dealer/agent of the Manufacturers. In the case of dealer/distributor/agent, latest letter of authorization from the Manufacturer should be submitted along with the Technical Bid.
5. A copy of Specification, description and available illustrated literature/Catalogue should accompany the Technical Bid.
6. **In case of imported Equipment(s)** where prices are quoted in foreign currency, **F.O.B.** and **C.I.F.** both costs and Ports of Loading & Landing are to be mentioned, though P.O. may be placed on F.O.B. basis.

7. **Last Date of Submission** – Last date of Receipt of Sealed Tender Documents at NICPR, Noida is **22-12-2017** by **4:00 P.M.** by Post or by Hand. Tenders by E-mail/Fax will not be accepted. “Late Tenders”, for any reason whatsoever, will not be entertained/ taken into account, without assigning any reason thereof.
8. **Date & Time of Opening** – Technical Bids will be opened by the Purchase Committee on **27-12-2017** at **2.00 P.M.**, at 2<sup>nd</sup> Floor, Board Room. The Tenderers or their authorized representatives are requested to be present during opening of Technical Bids. Price Bids of only those Tenderers whose Technical Bids are found suitable subsequently by the Technical Screening Committee of NICPR, Noida, will be opened later on. Date and Time of the same will be intimated to the applicable Tenderers in advance by E-mail/or Post, so as to enable them to be present at the Time of opening of their Price Bids.
9. **Acceptance of Offer/Tender** – Price Bids of only technically suitable Offers/Vendors, as mentioned above, will only be opened. For calculation of Lowest (L-1) responsive vendor, the total value quoted for **Free of Cost Delivery at NICPR, Noida** will be taken into consideration. Therefore, all applicable charges are to be included in the Price Bid. In case of Tie at L – 1 rates, **further negotiations** may be made, at the discretion of the Director, NICPR, Noida, or **Shortest Delivery period** may be used to decided the L – 1. Decision of the Director, NICPR, Noida in this regard will be final.
10. Total order value for each Equipment will be calculated separately/individually. Hence Purchase Order on a vendor may be for any one Equipment only or for more. The vendor will not have any right to decline acceptance of such Purchase Order, else EMD will be forfeited.
11. The Vendor may Quote for any one or more number or all the Equipments mentioned at Annexure - 1 and submit EMD accordingly.
12. Each tender must contain the Total value not only in figures but also in words. In case of any Clerical/Typing error, value written in “words” will only be considered for assessing the L-1 Bidder and subsequent process, though the Director NICPR reserves the right not to accept any Tender only on the L-1 (lowest) criteria.
13. Fax/E-mail/Conditional tender will not be accepted.
14. Other Terms & Condition of Supply are attached at Annexure-III.

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- Encl:** (a) Schedule of Requirement at Annexure-I.  
(b) Specifications at Annexure-II.  
(c) Other Terms and Conditions of Supply at Annexure-III.

**SCHEDULE OF REQUIREMENT**

**1. Name of Purchaser:** NICPR, Noida

**2. Funds:** Project / Institutional

**3. The Vendor:** Whether Manufacturer/Auth. Dealer/Distributor/ Retailer etc.  
(Attach Authorization Copy duly authenticated by self)

S. No.	Name of Equipment	Qty.	EMD Amount	Rate	Total Value	GST if any	Any Other Taxes/Charges (Please Specify)	Total F.O.R NICPR Cost
1.	Shaker Incubator	1	Rs. 10,000/-					
2.	Inverted Tissue Culture bright field phase contrast Microscopy	1	Rs. 20,000/-					
3.	Ten Header Teaching Light Microscope ( <u>anti-fungus type</u> )	1	Rs. 30,000/-					

**Date:**

**Place:**

**Name & Signature of Authorized Signatory**

**NOTE:** -

1. Proposed minimum required Specifications of the above mentioned Equipments are attached at Annexure – II.
2. The Total Payable Cost is to be quoted for **Free of Cost Delivery at NICPR, Noida.**
3. Validity of Quotation is to be at least 120 Days from the Date of Tender opening.
4. EMD for Equipment quoted for is to be attached with the Technical Bid, as per Para 8 of Annexure-III enclosed.
5. Price Bid is to be made on the Vendor's Letter Head, duly stamped and signed, as per above format.
6. In case of imported equipments, **Port of Loading** is to be clearly mentioned for F.O.B. dispatches.

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**MINIMUM PROPOSED SPECIFICATIONS OF EQUIPMENTS**

**I Technical Specifications For Shaker Incubator**

- Simultaneous operation of the shaker and the upped rotisseries
- **Common facts**
- · Digital microprocessor control[PID] for highest accuracy
- · Should be Rubber magnet sealed door.
- · Should be Orbital shaking platform with clamps for 6X250ml flasks.
- · must be come with wide choice of rotisseries, especially large capacity rotisseries for small and large bottles
- · must be come with rocking platform for washing and shelves
- · Must be dual insulation construction for recovering the set temperature rapidly after opening the door
  - **safety features:**
- · Flashing alarm lamp to warn over- temperature
- · Over-temperature cut-out and thermostat.
- Temp. Range : Ambient +5°C~80°C
- Temp. Accuracy : 0.2°C
- Speed : Rotation : 7 ~ 40 rpm
- shaker : 40 ~ 300 rpm
- Timer (temp.) : 99hour 59min
- Material Inside chamber : Stainless steel
- Rocking Platform with tilt angle:  $\pm 7^\circ$
- Shaking platform not less than 6x250ml flasks
- Shelf for Patridish
- Branded Offline UPS back up should be provided for safety.
- International CE Certifications, ISO should meet global standard

Warranty : Three years comprehensive warranty after date of Installation.

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## **II Technical Specifications for Inverted Tissue Culture bright field phase contrast Microscopy**

1. Microscope for Bright field and Phase contrast applications with Universal Infinity Corrected Optical system.
2. **ILLUMINATION:** Microscope should have LED transmitted light illumination (with support working life min. 20,000 Hrs or more). Should have Interference green filter for phase contrast sample.
3. Observation tube: Trinocular observation tube with interpupillary distance adjustment of 48 – 75 mm, Trinocular port to attach camera, along with paired eyepieces of 10X magnification and F.N 22 or higher.
4. Long working distance condenser suitable for Bright Field & phase contrast Application N.A. 0.3 or higher & WD 72 mm or higher with Quadruple or Quintuple revolving nosepiece and Achromat Phase 10x , Achromat Long Working Distance Phase 20x ,40X.
5. Mechanical Stage with holder to accept all types of specimen (slides, tissue culture flasks, petri dishes etc). With Co axial XY controls for adjusting the mechanical stage.
6. The microscope should be on-site upgradable to fluorescence with 100 watt ,130 watt or higher mercury burner.
7. **Color Camera:** Scientific grade color camera with a resolution of 5.0 megapixels or higher. USB3.0 interface. Live image display (frame rate) of minimum 15 fps at full resolution up to 75 fps through binning, bit depth of at least 12 bits, binning options of 2x-4x or better.
8. **Imaging Software:** Software for snap & movie acquisition, live comparison, annotation, scale bar, basic manual measurements etc. The microscope, camera & software should strictly be from the same manufacturer. The bidders must mandatorily mention the weblinks of the manufacturer's website for confirmation of compliance to tender specifications.
9. **Warranty and installation:** 3 years of comprehensive warranty including spares, parts should be provided for complete system. Installation should be done free of charge at our lab.

NOTE:- Vendor should enclose ISO/CE conformity certification of quoted Microscope.

MICROSCOPE SHOULD HAVE UPGRADABILITY OPTION FLUORESCENCE

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### **III Technical Specifications for Ten Header Teaching Light Microscope (anti-fungus type)**

- a) MICROSCOPE BODY: Ergonomic design microscope body with built-in fly-eye lens for uniform illumination throughout the field of view including periphery.
- b) MAGNIFICATION: 40x-1000x for observation
- c) OPTICAL SYSTEM: Infinity corrected optical system with at least 3 built-in filters (NCB11, ND8, ND32)
- d) EYEPIECE TUBE: Siedentopf design super wide field trinocular tube, should be inclined at 15 to 35 degree angle (F.O.V. 22mm)
- e) EYEPIECE LENS: 10x (2pcs) with both sides diopter adjustment (F.O.V. 22mm), should be anti fungus type.
- f) OBJECTIVES: High NA & long working distance objectives as specified below
  - i. Plan achromat 4x, NA 0.1 or better
  - ii. Plan achromat 10x, NA 0.25 or better
  - iii. Plan achromat 20x, NA 0.40 or better
  - iv. Plan achromat 40x, spring loaded, NA 0.65 or better
  - v. Plan achromat 100x oil, spring loaded , NA 1.25 or better
- g) NOSE PIECE Reversed sextuple (six position) revolving nosepiece to accommodate six objectives at a time
- h) COARSE /FINE FOCUSING Fine 0.1mm per rotation/coarse 14mm per rotation. Coarse motion torque adjustable. Refocussing stopper should be incorporated
- i) STAGE Ceramic coated surface, stay in position stage handle, stage handle height& tension should be adjustable with capacity to hold two glass slides at a time.
- j) CONDENSER Universal swing-out condenser with NA 1.25
- k) ILLUMINATION Built-in Koehler illumination for transmitted light white LED (pre centered) with lifespan of at least 50,000 hrs or more. Three (3) spare white illumination bulbs should be supplied with each unit with no extra cost. Controlling knob should be given. The life time working hour of the quoted bulbs should be mentioned. The adapters should be supplied.
- l) POLARIZER AND ANALYZER One set of polarizer and analyzer should be provided with each microscope at no extra cost. Analyzer socket should be there in the central body of the microscope.
- m) Should have built- in auto photo preset switch.

- n) POINTER (arrow) Should have adjustment pointer with at least two filters. The pointer unit should be provided with joy stick for easy handling and placement of the pointer. The pointer should be with minimum 2 colors for easy demarcation on the slide.
- o) TEACHING ATTACHMENT Should be for ten persons (1+9) for simultaneous viewing (incl. main observer). Binocular tube of teaching attachment should also be anti-fungus type & should give similar viewing (22 mm FOV) as main observer along with pointer unit. Pointer of teaching attachment should be able to be moved in any direction (360° rotatable) (Both eye pieces should have diopter adjustments for all secondary observers)
- p) UPS- Microscope should be supplied with a suitable UPS (at least 1kva) for at least 30 min backup capacity
- q) MOUNTING TABLE – A glazing granite top table, strong enough, should be supplied with the microscope unit for adequate installation. Enough open space should be available for writing purpose. Cushioned stools (10 No.) with backrest, height adjustable, 360° rotator with wheels and footrest should be supplied with the table. The price of table and stools should not be quoted separately.
- r) Warranty: 5 years comprehensive including spares (Spare parts should be available for 10 year after installation). AMC price for further 5 years to be quoted (this shall be added to the equipment price for comparison purposes)
- s) ACCESSORIES:
  - a) Apart from the spare bulbs and lens cleaning paper (at least 10 packs with each unit), at least 6 units of branded research grade immersion oil units should be supplied at no extra cost.
  - b) A portable tool set should also be supplied with each unit at no extra cost.
  - c) 2 bottles of lens cleaning solution should be provided with each unit.
  - d) IQ/OQ/PQ of equipment's must be done at the time of installation at no additional cost.
- t) Power input to be 220-240VAC, 50Hz fitted with Indian plug. Compatible external adaptor and battery unit should be supplied with the instrument with attached hospital grade Indian plugs at no extra cost.
- u) Should be compliant to ISO 13485: Quality systems - Medical devices - Particular requirements for the application of ISO 9001 applicable to manufacturers and service providers that perform their own design activities.
- v) Should be compliant with IEC 61010-1: covering safety requirements for electrical equipment for measurement control and laboratory use.
- w) Should be US- FDA or European CE approved product.

- x) Certificate of calibration and inspection from factory.
- y) Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue.
- z) User/Technical/Maintenance manuals to be supplied.
- aa) Practical demonstration if required.

Suggested models/ manufacturers of the equipment: Olympus, Nikon, Leica

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**OTHER TERMS AND CONDITIONS OF SUPPLY**

1. Tender should be preferably, typewritten and every correction in the tender should invariably be signed by the Tenderer, failing which, the tender is liable to be rejected.
2. The Tenderer should ensure that the equipment(s) offered fully meet(s) the Specifications laid down by the Institute. If at any stage (even after placement of order/shipment/installation, etc.) it is noted that the equipment offered does not meet the specifications, The Director, NICPR reserves the right to take any decision including cancellation of the Tender/offer/Purchase Order etc. with forfeiture of EMD/SD/PBG as the case may be. Any dispute in this regard concerning any Terms and Conditions of the Tender and/or the supply of equipment, will be subject to Noida Jurisdiction only.
3. Tender for only **one model** as per our specifications should be quoted. No optional model should be included in the tender.
4. No Tenderer shall be allowed at any time on any ground whatsoever, to revise or modify the rates quoted by him. The Tenderer will not be allowed to withdraw the offer quoted. In the event of withdrawal, the EMD tendered shall be forfeited.
5. Increased statutory levies and duties, over and above the rates quoted in the Tender, will be borne by the Tenderer for supplies after the originally permitted Date of Supply in the Purchase Order. The Institute shall not extend validity period for this reason and it will not bind the Institute for supplies beyond the date specified in the Purchase Order.
6. For imported goods the Tenderer should clearly mention the agency commission separately, failing which tender will be rejected. The agency commission will be paid in Indian Rupees in India after satisfactory Installation and Commissioning of the equipment.
7. **Inspection and Acceptance of Equipment** – Acceptance process of the Equipment supplied will be considered complete only after successful Installation and Commissioning of the Equipment at NICPR, Noida, duly Certified as such by the User and Countersigned by the Director NICPR, Noida.
8. **EMD:** EMD, as indicated in the Schedule of Requirement at Annexure – I, in the form of Account Payee Bank Drafts in favor of “**The Director, NICPR, payable at Noida**” Are to accompany Technical Bid. The Tender without the EMD will be rejected summarily. No interest is payable on EMD which should be valid for at least 90 Days. EMD of un-successful Bidders will be released on finalization of Purchase Order. The **Tenderer may quote either for all the Equipments or for either** One/Two etc of them and submit EMD accordingly.
9. **Payment** – 100% Payment for the Equipment(s) will be made after Acceptance of the Equipments as per Para 7 above, on submission of the Invoice, Acceptance Certificate (Para-7 above) and PBG as per para 16 below.

10. **The firms should clearly indicate the pre-installation requirements for the equipment in their tender/quotation.** If the firm ignores this clause, the items required at the time of installation for the equipment and associated delay will be borne by the vendor at its own cost.
11. Supplier should give an undertaking that spare parts will be supplied as and when ordered for a period of ten years from the date of Installation.
12. If the tenderer fails to execute the Purchase Order within the specified delivery date or, as mutually agreed to in writing, the Order will be cancelled and SD will be forfeited.
13. The Instrument and Software should be installed and tested as per the specifications free of charge, including Training of two operators of the Institute staff at NICPR and subsequent up-gradation of software for the equipment.
14. Manufacture's test Certificate along with conditions and results is to be supplied along with the equipment.
15. **Warranty** - All the items of equipment should be warranted for as mentioned in the specifications at Annexure-II. The warranty period will start from the date of successful Installation & Commissioning and Acceptance of the equipment. AMC charges for the subsequent Two Years should be clearly indicated in Price Bid.
16. **PBG** The successful vendor will need to submit a Performance Bank Guarantee (PBG) for 5.0% of the total P.O. value, valid for a period of one month, beyond warranty period. In case of any warranty enforcement, the period of Warranty will get suitably extended for the affected period of Warranty repairs/replacements if it takes 15 days or more after intimation about the same in writing. PBG will be released after successful completion of warranty period.
17. All damaged or unapproved goods shall be removed by the vendor at its own cost and risk. Any incidental expenses incurred by the Institute thereon shall be recovered from the vendor. Defective parts in the equipment, if found, before installation and during the warranty period, shall be replaced within 30 days of date of intimation from the NICPR, at the cost and risk of supplier, including customs duty, etc.
18. **Liquidated Damages (LD)** – LD @ 0.5% of the Total Purchase order Value, per week will be levied on the vendor for delay in Supplies, Installation & Commissioning of Equipment at Noida, subject to maximum LD of 2.5%, beyond which the Purchase Order may be cancelled in Toto without any financial liability on the Part of NICPR, Noida. The LD so levied will be recovered from the Final Bill/Proforma Invoice of the vendor. For calculation of the LD, any fraction of the week (i.e. less than Seven Days) will be considered as a week. However, Director, NICPR, Noida reserves the right to waive-off full or a part of the LD so levied, on application by the vendor giving full reasons for delay, and acceptance of such reasons for delay by the Director, NICPR, Noida.
19. **All the pages of these Terms & Conditions are to be duly signed by the Vendor and returned/attached** with the Technical Bid, failing which the Tender will be summarily rejected.

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