

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

NICPR/Store/Proj.-Equip./S.H/2017-18

Dated: 21 Aug, 2017

**INVITATION TO TENDER**

**SUPPLY, INSTALLATION & COMMISSIONING OF**  
**SCIENTIFIC/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. The tenderer can also enclose the rates on the letter head of the Manufacturer, if empowered to do so by Manufacturer(s) in writing, in addition to quoting the same in the Price Bid as per Schedule of Requirement at Annexure-I.
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.

7. **Last Date of Submission** – Last date of Receipt of Sealed Tender Documents at NICPR, Noida is **22-09-2017** by **4:00 P.M.** by Post or by Hand (at NICPR Reception). 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 **26-09-2017** 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, 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.

**Stores-In-Charge**

- 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

**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.	Gel Doc System	1	Rs. 20,000/-					
2.	UV Transilluminator	1	Rs. 5,000/-					
3.	Overhead Shaker	1	Rs. 5,000/-					
4.	Pipette Sets	3	Rs. 10,000/-					
5.	Semi dry blotter with gel electrophoresis system	1 unit	Rs. 5,000/-					
6.	Table Top Centrifuge	1	Rs. 5,000/-					

**Date:**

**Place:**

**Name & Signature of Authorized Signatory**

**NOTE: -**

1. Proposed minimum required Specifications of the above mentioned Equipment 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 equipment, **Port of Loading** is to be clearly mentioned for F.O.B. dispatches.

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MINIMUM PROPOSED SPECIFICATIONS OF EQUIPMENTS

**Detailed Specification/Configuration of the Equipment**

**1. Gel Documentation System : -**

1. System should have Image resolution >4 mega pixels.
2. System should have > 4.6 x 4.6  $\mu\text{m}$  pixel size and >3.0 order of linear dynamic range.
3. System should be completely automatic & user does not have to zoom, focus, adjust aperture or select light source.
4. System should be modular with different sample trays & flexible to image a wide variety of application, including nucleic acid, visible dyes, SYBR safe and stain free gels. Stainfree tray should be quoted included in the system.
5. System should have Chemi-luminescence, UV & fluorescence system configuration.
6. System should require only one emission filter to accommodate a large portfolio of detection methods; ethidium bromide, SYBER GREEN, SYBER Safe, SYBR Gold, GelGreen, GelRed, Coomassie Brilliant Blue and other spectrally similar stains.
7. System should have lens flat-fielding calibration for each sample tray to deliver image data.
8. Computer desktop at least i5 processor, UPS 2 KVA should be provided along with system.
9. Software with high level of automation in hardware calibration, image optimization, capture and analysis should be there.
10. Accessories should include chemi-luminescence imaging tray, UV gel imaging screen, and white light conversion screen.
11. Warranty should be **3 year**.

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## **2. UV Transilluminator : -**

1. The instrument should be UV-Transilluminator
2. Window size minimum 20 x 20 cm or above.
3. UV-transparent diffuser window
4. The wavelength should be 365nm
5. UV-protective cover
6. UVA-tubes (more than 7 tubes)
7. Sensitivity 1 ng per band
8. Chromafilter to improve contrast of fluorescent bands and filter UV-light
9. Should have switch for dual intensity.
10. 3 years comprehensive onsite warranty

## **3. Overhead Shaker : -**

1. The shaker should be bench top tilting/rocking/orbital.
2. Should have rpm between 20 to 500.
3. The shaker should have the capacity of  $\geq 6$  kg-10kg.
4. The platform size should be of 30-35cm x 32-40 cm.
5. Instrument should have LCD display.
6. Timer and timer display should be both present.
7. Automatic shutoff at the end of shaking should be from 1min to upto 99:59 hours.
8. The instrument should be provided with universal attachment, flask attachment and clamp attachment for 50-100ml, 250 ml and 500-1000ml
9. 3 years comprehensive onsite warranty

## **4. Pipettes (3 Sets)**

### Model Make : Eppendorf / Gilson

1. 0.5-10ul Pipette, Adjustable-Volume, (01 No.)
  2. 10-100ul Pipette, Adjustable-Volume, (01 No.)
  3. 20-200ul Pipette, Adjustable-Volume, (01 No.)
  4. 100-1000ul Pipette, Adjustable-Volume, (01 No.)
  5. Steripette (01 No.)
  6. 50-300ul, Multi-channel (08) Channel Pipette (01 No.)
- (1 Set)

### Model Make : Eppendorf / Gilson

1. 2-20ul Pipette, Adjustable-Volume, (01 No.)
  2. 10-100ul Pipette, Adjustable-Volume, (01 No.)
  3. 100-1000ul Pipette, Adjustable-Volume, (01 No.)
  4. Steripette (01 No.)
- (1 Set)

Model Make : Eppendorf / Gilson

1. 0.5-10ul Pipette, Adjustable-Volume, (01 No.)
  2. 20-200ul Pipette, Adjustable-Volume, (01 No.)
  3. 100-1000ul Pipette, Adjustable-Volume, (01 No.)
  4. 5-50ul, Multi-channel (08) Channel Pipette (01 No.)
- } (1 Set)

## 5. Semi-Dry Blotter

- Body should be horizontal
- Should be semi-dry.
- Should have gel size between (WxL) – (22-24W) x (14-16L) cm.
- Should have buffer requirement between 200 – 500 ml.
- Electrodes – Anode should be platinum coated titanium and cathode should be stainless steel
- Gel capacity – 4 Mini handcast gels
- The semi dry transfer systems must be from the same manufacturer as the power pack for complete compatibility
- Warranty-03 years

### **Power Pack:**

- Should have minimum programmable output specifications:  
Volts – 10 – 250V, fully adjustable in 1 Volt steps  
Current – 0.01 – 3.0A, fully adjustable in 0.01 steps  
Power – 1 – 300W, fully adjustable in 1W steps
- Should have the following output types:  
Constant voltage  
Constant current  
Constant power with automatic crossover
- Should have minimum 4 output terminals.
- Should have fully adjustable timer control from 1min to 99 hour 59min.
- Should have pause/resume function.
- Should have automatic recovery after power failure.
- Should have an inbuilt fan to overcome heating.
- Should have safety features of no-load detection, sudden load change detection, ground leak detection, overload/short circuit protection, overvoltage detection, input line protection, auto power up after power failure
- Should be able to operate at 0-40<sup>0</sup>C degrees C, 0-90% humidity in the absence of condensation
- Should be provided with additional cords
- The power pack must be from the same manufacturer as the Semi– dry blotter for complete compatibility
- Warranty-03 years

### **Gel Electrophoresis System : -**

- Vertical Gel Electrophoresis apparatus
- Should have one complete unit for 1.0 mm mini gels (10x8cm approx.).
- System should include tank, lid with power cables, electrode assembly, casting stand for minimum four gels, five each 10-12 well combs and five sets of glass plates with integrated spacers.
- Should be able to run 1-4 hand cast and precast mini gels.
- System should have casting stand with wing clamp assembly for simple and leak proof casting.
- System should have the capability for adding an interchangeable module, which can run SDS PAGE or do western transfer in same buffer tank.
- System should have lid with safety banana jacks which break the circuit if lid is opened during a run.
- The electrodes should be colour coded.
- The lid should have integrated cables to connect to power pack directly.
- The electrophoresis systems must be from the same manufacturer as the power pack for complete compatibility.
- Warranty-03 years

### **Power Pack:**

- Should have minimum programmable output specifications:  
Volts – 10 – 250V, fully adjustable in 1 Volt steps  
Current – 0.01 – 3.0A, fully adjustable in 0.01 steps  
Power – 1 – 300W, fully adjustable in 1W steps
- Should have the following output types:  
Constant voltage  
Constant current  
Constant power with automatic crossover
- Should have minimum 4 output terminals.
- Should have fully adjustable timer control from 1 min to 99 hour 59min.
- Should have pause/resume function.
- Should have automatic recovery after power failure.
- Should have an inbuilt fan to overcome heating.
- Should have safety features of no-load detection, sudden load change detection, ground leak detection, overload/short circuit protection, overvoltage detection, input line protection, auto power up after power failure
- Should be able to operate at 0-40<sup>0</sup>C degrees C, 0-90% humidity in the absence of condensation
- Should be provided with additional cords
- The power pack must be from the same manufacturer as the electrophoresis systems for complete compatibility
- Warranty-03 years

## 6. Table Top Refrigerated Centrifuge : -

- Should be **Table Top Refrigerated High speed**.
- Should have max speed between 15,000 to 18,000 rpm and 28,000 to 31,000g.
- Should have temperature range between -10°C to 40°C.
- Should have microprocessor controlled system with direct brushless induction drive.
- Should have max timer range between 95hours - 99hours 59min and should be continuous.
- Should have accel/decel profiles between 9-10/10.
- The centrifuge must offer swinging bucket, fixed angle and microplate (96 & 384 well plate) rotors.
- Swing out bucket should have adapters to accommodate 1.5ml, 15ml & 50ml tubes.
- The centrifuge must be capable of running with 1.5, 2ml, 15ml and 50ml tubes. In addition, should also be capable of running 4 standard (96 well & 384 well micro plates) and 2 deep microplates, PCR strips and hematocrit capillaries.
- Bucket lids must operate in a safe manner without spring clips or metal components.
- Should be compact in size (Height 30-35cms(lid closed), width 45-50cms, Depth 65-70cms)
- Warranty-03 years

### **Rotors/Adapters Required:**

1. Fixed Angle Rotor  
Capacity: min 24 x 1.5/2ml  
Max speed should be between 15,000 to 18,000 rpm and 28,000 to 31,000g.

**Stores-In-Charge**



**INSTITUTE OF CYTOLOGY & PREVENTIVE ONCOLOGY (ICMR)  
PLOT NO. I-7, SECTOR-39, NOIDA – 201301**

**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 Crossed 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.

**Stores-In-Charge**