

# National Institute of Pharmaceutical Education and Research (NIPER), Kolkata

Dept. of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India

No. P-20/23/1/2018/NK Dt.08.02.2018

## INVITATION FOR TENDER FOR SUPPLY OF EQUIPMENT

Sealed tender offers are invited in two separate sealed covers (Technical and Commercial offers) from eligible manufacturers/suppliers or their direct Indian agents for the supply of the following equipment.

<i>Sl. No.</i>	<i>Items</i>	<i>Quantity</i>	<i>Unit Price</i>	<i>EMD</i>	<i>Total Price</i>
1	<b>Ultra Low temperature type –80°C Freezer</b>	1		2% of Tender Quote	
2	<b>Deep Freezer (–20 °C)</b>	1		2% of Tender Quote	
3	<b>Compact Versatile Refrigerated Centrifuge</b>	1		2% of Tender Quote	
4	<b>Ultra Water Purification System</b>	1		2% of Tender Quote	

**\*\*\*The quote must include installation, maintenance, and freight charges.**

Please send offers, ALONG WITH DESCRIPTIVE CATALOGUE/ BROCHURE. The validity of the bid should be at least four months (120 days) or more from the date of the opening of this tender. Please ensure that your quotation reaches not later than **01.03.2018 at 15:00 Hrs** at the following address:

**NIPER-Kolkata**

**Chunilal Bhawan (Adj. To BCPL), 168, Maniktala Main Road, Kolkata-700054, West Bengal, India**

Earnest money is to be deposited in the form of Account payee Demand Draft in favour of NIPER-Kolkata. Any bid which is not accompanied with an EMD shall be summarily rejected. Earnest money deposited will be forfeited if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender. No interest will be paid on the earnest money of the unsuccessful bidders.

Tender Reference	<b>P-20/23/1/2018/NK dt.08/02/2018</b>
Price of Tender Document	<b>Rs.1000/-</b>
Last Date and Time for submitting the tender document	<b>01.03.2018 at 15:00 Hrs (Indian time)</b>
Time and Date of Opening of Technical Bids	<b>01.03.2018 at 15:30 Hrs (Indian time)</b>
Place of Opening Tender	<b>National Institute of Pharmaceutical Education and Research (NIPER) Chunilal Bhawan (Adj. To BCPL), 168, Maniktala Main Road, Kolkata-700054, West Bengal, India</b>
Address of Communication	<b>As stated above</b>
Contact Telephone Numbers	<b>+91- 33-23202422</b>
E-mail	<b>info@niperkolkata.edu.in</b>

## DETAILED TECHNICAL SPECIFICATIONS FOR

### **a. Ultra Low temperature type –80°C Freezer**

- 1 Upright Ultra low temperature deep freezer -80°C, operating temperature of –55°C to –85°C with 1°C increment.
- 2 Freezer should have two compressors.
- 3 Freezer must have capacity of 400-450 litres.
- 4 Fully programmable microprocessor controlled keypad and eye level control panel.
- 5 System should have high quality grade stainless steel interior and tough powder coated exterior finish constructed on steel.
- 6 Freezer should have four-five insulated inner doors giving access to shelves, which should be adjustable.
- 7 Freezer must have battery back-up for the display and security lock for the display.
- 8 Audible and visible alarms system for unwanted temperature rise, sudden power failures, system failure, battery low, door open, etc.
- 9 Freezer must use natural non-flammable refrigerant.
- 10 Compressor should be capable to run any voltage between 190 V to 230V.
- 11 Suitable racks and different types (Card board and PC material) of boxes which can accommodate 1 to 1.5 mL vials (may be quoted separately).
- 12 Warranty: Freezer should have Three years comprehensive warranty and minimum of five years warranty on compressor. Comprehensive maintenance as well as annual maintenance contract rate should be indicated, preferably from the original manufacturer, in the quotation.
- 13 One 5kVA Servo stabilizer should be supplied with freezer.
- 14 CO2/LN2 backup, Chart recorder, Racks, divider and boxes etc. to be quoted optional.

### **b. Deep Freezer –20 °C**

- 1 Should have temperature range of –20 °C to –30 °C (1°C increment).
- 2 Volume should be 300-350 litres.
- 3 Double walled with rigid PUF insulation.
- 4 High quality SS 304 Interior and Exterior Powder coated.
- 5 Freezer should have four-five insulated inner doors giving access to shelves, which should be adjustable.
- 6 High quality metal doors with gasket and lockable door latch.
- 7 Forced air circulation for uniform temperature.
- 8 Durable good quality wheels for easy movement.
- 9 CFC/HCFC free cooling system consisting of hermitically sealed compressor coupled with evaporation coiled and condenser.
- 10 Audio/Visual alarms for temperature deviations.
- 11 Warranty: Freezer should have three years of comprehensive warranty and minimum of five years warranty on compressor.
- 12 Mandatory Kolkata based service facility and response time is 24 hours
- 13 One 5kVA Servo stabilizer should be supplied with freezer.

### **c. Compact Versatile Refrigerated Centrifuge**

- 1 Maximum Speed of 30,130xg /17500 rpm, with a brushless motor
- 2 Temperature range should be from -10°C to 40°C, should be able to maintain 4°C at maximum
- 3 speed
- 4 It must be possible to use aerosol tight rotor, aerosol tightness of rotor must be certified by a third party agency and all rotors must be metallic but light weight
- 5 It must be possible to perform a fast pre-cooling of the instrument using a dedicated Fast Temp function
- 6 It should be possible to program fast cooling with preset date and time
- 7 It should be possible to store 50 programs with 3-5 quick access program keys
- 8 Speed setting should be possible in both rpm and rcf
- 9 Should possess a separate short spin key for brief spin
- 10 Should have the flexibility to accommodate rotors for different formats of tubes starting from 0.2ml PCR tubes up to spin column tubes
- 11 Instrument should have automatic rotor recognition facility to automatically recognize and set
- 12 maximum speeds upon rotor change
- 13 Rotor lids should have a QuickLock-system for secure lid closing and opening
- 14 It should be possible to perform gentle acceleration and deceleration using dedicated key
- 15 Noise levels should be <54 db(A)
- 16 It should be possible to operate the centrifuge at set rpm, for short spin protocols
- 17 Instrument should be CE Certified and also have a IVD Conformity
- 18 Instrument should be able to accommodate 48 number of 1.5/2ml tubes
- 19 Instrument must be provided with 15ml and 50 ml rotor with adaptors with 4-6 capacity and 2 place swing bucket rotor for MTP, PCR & Deepwell plates.
- 20 Must have Kolkata based service centre and response time is 24 hours
- 21 Warranty 3 years.

### **d. Ultra Water Purification System**

The system should provide a combination of Ultrapure water (DNase. RNase and endotoxin free) and pure water (Bacterial free) from potable tap water for use in analytical chemistry, pharmacology, molecular biology and tissue culture work.

The system must be programmable and operated via a micro-controller and achieve the required water quality by a combination of two or more of electro-deionization, reverse osmosis, ion exchange, UV treatment and ultrafiltration technologies.

1. Capacity:  $\geq 60$  L/Day
2. Water quality a. Pre-treatment: Ability to remove suspended particles, free chlorine and hardness of water in feed water. 5 b. Ultrapure water i. Resistivity:  $18.2 \Omega$  cm resistivity at 25°C or better ii. Conductivity:  $\leq 0.055 \mu\text{S/cm}$  conductivity at 25°C iii. TOC:  $< 0.001 \text{Eu/ml}$  (pyrogen-free) vi. RNase:  $0.22 \mu\text{m}$  ix. pH: Neutral C. Pure water i. Resistivity:  $5.0 \Omega$  cm resistivity at 25°C or better ii. TOC:  $< 0.001 \text{Eu/ml}$  (pyrogen-free) v. RNase:  $0.22 \mu\text{m}$  viii. pH: Neutral
3. Flow rate a. Manual dispense: Adjustable between 3-10 liters/hr or better b. Automatic dispense: Programmable from 100 ml to 1000 ml increments
4. Operating temperature: Ambient temperature 25- 40°C
5. Accessories: All accessories required for complete functioning of system and at least one complete set of all consumable filters should be included.
6. Supplier should be ISO certified
7. Warranty: at least 3 years standard, parts and labour, from the date of installation of system on site.

## **GENERAL TERMS & CONDITIONS**

PLEASE SPECIFICALLY INDICATE THE FOLLOWING POINTS IN YOUR QUOTATIONS AND COMPLY THE TERMS AS MENTIONED HEREUNDER:-

1. TENDER ARE INVITED COMPLYING THE REQUIREMENT FOR TENDER AS DETAILED IN THE TENDER SPECIFICATION TO BE SUBMITTED IN THE COMPANY'S / FIRM'S LETTERHEAD NEATLY PRINTED / TYPED DULY SIGNED BY AUTHORIZED PERSON WITH THE SEAL OF THE BIDDERS. ALL ENVELOPS CONTAINING THE TENDER SHOULD BE PROPERLY SEALED. SEPARATE ENVELOPS SHOULD BE USED FOR TECHNICAL AND PRICE BID AND INDICATION TO THEIR EFFECT MAY PLEASE BE SUPERSCRIBED ON THE ENVELOP.

### **THE FOLLOWING DOCUMENTS ARE REQUIRED FROM THE INDIAN AGENTS OF FOREIGN FIRMS:**

1.1 FOREIGN PRINCIPAL'S PROFORMA INVOICE INDICATING THE COMMISSION PAYABLE TO THE INDIAN AGENT AND NATURE OF AFTER SALES SERVICE TO BE RENDERED BY THE INDIAN AGENT.

1.2 COPY OF THE AGENCY AGREEMENT WITH THE FOREIGN PRINCIPAL INDICATING THE NATURE OF AFTER SALES SERVICES, PRECISE RELATIONSHIP BETWEEN THEM AND THEIR MUTUAL INTEREST IN THE BUSINESS.

1.3 PLEASE ENCLOSE THE DOCUMENT(S) RELATED TO THE ENLISTMENT OF THE INDIAN AGENT WITH DIRECTOR GENERAL OF SUPPLIES & DISPOSALS (DGS & R) UNDER THE COMPULSORY REGISTRATION SCHEME OF MINISTRY OF FINANCE.

2. TECHNICAL CATALOGUE/LEAFLET SHOULD BE ENCLOSED WITHOUT FAIL. PROVIDE COMPLIANCE STATEMENT WITH RESPECT TO THE TECHNICAL SPECIFICATIONS MENTIONED ABOVE.
3. PLEASE CONFIRM WHETHER YOU ARE AUTHORISED TO QUOTE ON BEHALF OF YOUR PRINCIPALS AND IF SO, PLEASE ENCLOSE A COPY OF SUCH AUTHORISATION WITH YOUR QUOTATION.
4. **PRICE BIDS FOR FOREIGN FIRMS:** PRICES ARE TO BE QUOTED ON 'EX-WORKS' DULY PACKED OR ON "FCA/FOB" INTERNATIONAL PORT" BASIS AND ALSO INCLUDING AGENCY COMMISSION PAYABLE TO YOUR INDIAN AGENTS, IF ANY SHOWING CLEARLY THE FOLLOWING BREAK UP:-

- I) EX-WORKS PRICE
- II) PACKING & FORWARDING
- III) FREIGHT
- IV) ANY OTHER RELEVANT EXPENSES.
- V) TAXES PAYABLE BY THE INSTITUTE

INSURANCE WILL BE PAID BY OUR INSTITUTE SEPARATELY AND SHOULD NOT FORM PART OF THE QUOTED PRICE.

**PRICE BIDS FOR INDIAN FIRMS:** PRICES ARE TO BE QUOTED ON F.O.R., NIPER-KOLKATA, ON DOOR DELIVERY BASIS CLEARLY SHOWING THE BREAK UP.

5. **PERIOD OF VALIDITY:** BIDS SHALL REMAIN VALID FOR ACCEPTANCE FOR A PERIOD OF 120 DAYS FROM THE DATE OF OPENING.
6. INDIAN AGENTS ADDRESS AND PERCENTAGE OF AGENCY COMMISSION INCLUDED IN ABOVE F.O.B./EX-WORKS PRICE. (THIS WILL BE PAID TO THE INDIAN AGENTS IN INDIAN RUPEES ONLY AND NOT IN FE). PLEASE ENCLOSE COPY OF AGENCY AGREEMENT ENTERED INTO WITH YOUR

PRINCIPALS INDICATING THE NATURE OF AFTER SALES SERVICES OF INDIAN AGENTS, PRECISE RELATIONSHIP & MUTUAL INTEREST IN THE BUSINESS.

7. **MEASUREMENTS/WEIGHT:** NETT/GROSS OF THE CONSIGNMENT. IN CASE OF AN ORDER, YOU SHALL USE AIR WORTHY PACKAGE (AS APPLICABLE) DULY CERTIFIED WITH DOCUMENTS – PLY TO – SANITARY CERTIFICATE (AS PER QUARANTINE ORDER 2003).
8. **SCOPE OF SUPPLY:** SHOULD INCLUDE FREE INSTALLATION AND COMMISSIONING.
9. **DELIVERY OF GOODS:** SHOULD BE WITHIN 08 WEEKS FROM THE DATE OF PURCHASE ORDER.
10. **PAYMENT TERMS FOR FOREIGN FIRMS.**

**The offer will be made on a single currency and only one PO will be issued for the entire scope of the supply.**

A) 90% PAYMENT THROUGH SIGHTDRAFT/FORIGN DEMAND DRAFT/LC (EXCEPTIONAL CASES)/SWIFT TELE TRANSFER AFTER RECEIPT OF STORE IN GOOD ORDER AND CONDITION AND 10% AFTER SUCCESSFUL INSTALLATION & COMMISSIONING.

B) BANK CHARGES ON LC/SD (WITHIN INDIA APPLICANT ACCOUNT AND OUTSIDE INDIA TO BENEFICIARY ACCOUNT).

#### **PAYMENT TERMS FOR INDIAN FIRMS**

A) 100% PAYMENT THROUGH CROSSED ACCOUNT PAYEE CHEQUE / ELECTRONIC TRANSFER AFTER RECEIPT OF STORE IN GOOD ORDER & CONDITION AND SUCCESSFUL INSTALLATION & COMMISSIONING.

B) ENSURE MENTIONING

i) BANK DETAILS OF THE BENEFICIARY, GST NO. AND PAN NUMBER

ii) FULL NAME AND ADDRESS OF THE BENEFICIARY ON WHOM ORDER HAS TO BE PLACED

10. WHETHER ANY EXPORT LICENCE IS REQUIRED FROM YOUR GOVERNMENT, IF SO, PLEASE CONFIRM WITH DETAILS.
11. COUNTRY OF ORIGIN OF THE GOODS IS TO BE MENTIONED.
12. THE INSTITUTE SHALL PROVIDE THE CONCESSIONAL CUSTOMS DUTY AND EXCISE DUTY EXEMPTION CERTIFICATE AS PER GOVT. NOTIFICATION NO. 51/96 CUSTOMS DATED: 23.07.1996 AND CENTRAL EXCISE DUTY EXCEMPTION IN TERMS OF GOVT. NOTOFICATION NO. 10/97 – CENTRAL EXCISE DATED: 01.03.1997 AS AMENDED FROM TIME TO TIME.
13. **LIQUIDATED DAMAGES:** THE STORES SHOULD BE DELIVERED / DISPATCHED TO DESTINATION AND READY FOR OPERATION NOT LATER THAN THE DELIVERY DATE SPECIFIED. IT THE SUPPLIER FAILS TO DELIVER ANY OR ALL THE STORES OR PERFORM THE SERVICE BY THE SPECIFIED DATE, LIQUIDATED DAMAGES AT 1% PER MONTH OR PART THEREOF IN RESPECT OF THE VALUE OF STORES WILL BE DEDUCTED FROM THE CONTRACT PRICE SUBJECT TO A MAXIMUM OF 5%. ALTERNATIVELY, THE ORDER WILL BE CANCELLED AND THE UNDELIVERED STORES PURCHASED FROM ELSEWHERE AT THE RISK AND EXPENSE OF SUPPLIER.
14. **PATENT RIGHTS:** THE SUPPLIER SHALL INDEMNIFY THE PURCHASE AGAINST ALL THIRD PARTY CLAIMS OF INFRINGEMENT OF PATENT, TRADEMARK OR INDUSTRIAL DESIGN RIGHTS ARISING FROM USE OF THE GOODS OR ANY PART THEREOF IN INDIA.

15. ONLY THOSE BIDDERS WHO'S BIDS HAVE BEEN TECHNICALLY FOUND ACCEPTABLE WILL ONLY BE INVITED FOR PARTICIPATION IN THE PRICE BID.
16. THOSE BIDDERS WHO DO NOT RECEIVE ANY COMMUNICATION FOR PARTICIPATION IN PRICE BID OPENING MEETING MAY PRESUME THAT THEIR BID HAS NOT BEEN ACCEPTED BY THE INSTITUTE.
17. CONDITIONAL OFFER WILL NOT BE ACCEPTED.
18. LATE TENDERS I.E. TENDER RECEIVED AFTER THE DUE DATE AND TIME OF SUBMISSION AS MENTIONED ABOVE SHALL NOT BE ACCEPTED.
19. BIDDERS TO ENCLOSE THE FOLLOWING DOCUMENTS:-
- A) CURRENT INCOME TAX AND SALES TAX CLEARANCE CERTIFICATES (GST No.), AND PAN NO.
- B) BANKER'S SOLVENCY CERTIFICATE
- C) SUMMARY OF AUDITED STATEMENT OF ACCOUNTS FOR THE LAST THREE YEARS TO BE ENCLOSED AND FINANCIAL HIGHLIGHTS AND THE KEY PERFORMANCE DURING THE LAST THREE QUARTERS TO BE ENCLOSED AS PER FORMAT:-

COMPANY'S KEY PERFORMANCE

DESCRIPTION	JAN. TO MARCH	APRIL TO JUNE	JULY TO SEPT.
GROSS REVENUE			
PROFIT BEFORE TAX			
PROFIT AFTER TAX			
RETURN ON INVESTED			
CAPITAL (ROIC)			

- D) CUSTOMER SATISFACTION CERTIFICATE FROM ONE SUCH ORGANIZATION IS TO BE ATTACHED WITH THE TECHNICAL BID AND PRICE BID.
- E) NAME AND ADDRESS OF MINIMUM THREE CLIENTS TO WHOM SUCH EQUIPMENT HAVE BEEN SUPPLIED SHOULD BE MENTIONED.
20. **WARRANTY / GUARANTEE:** THIS COMPREHENSIVE WARRANTY / GUARANTEE SHALL REMAIN VALID FOR **12 MONTHS** AFTER THE GOODS (OR ANY PORTION THEREOF AS THE CASE MAY BE) HAVE BEEN DELIVERED AND COMMISSIONED TO THE FINAL DESTINATION.
21. THE INSTITUTE DOES NOT BIND ITSELF TO OFFER ANY EXPLANATION TO THOSE BIDDERS WHO'S TECHNICAL BID HAS NOT BEEN FOUND ACCEPTABLE BY THE EVALUATION COMMITTEE OF THE INSTITUTE.
22. ALL TENDERS (UNLESS OTHERWISE SPECIFIED) ARE TO BE SUBMITTED / HANDED OVER TO **ADMINISTRATION DEPT.**  
**NIPER-KOLKATA**  
**CHUNILAL BHAWAN (ADJ. TO BCPL)**  
**168, MANIKTALA MAIN ROAD, KOLKATA-700054, WEST BENGAL, INDIA.**

## IMPORTANT

1. NIPER-Kolkata authority may accept or reject any or all the bids in part or in full without assigning any reason and does not bind itself to accept the lowest bid. The Institute at its discretion may change the quantity / upgrade the criteria / drop any item or part thereof at any time before placing the Purchase Order.
2. Promptly make arrangements for repair and / or replacement of any damaged item (s) irrespective of settlement of claim.
3. In case of any dispute, the decision of the Institute authority shall be final and binding on the bidders.
4. For any query pertaining to this bid document correspondence may be addressed to **Asst. Registrar, NIPER-Kolkata** at the address mentioned above.

### **LAST DATE FOR SUBMISSION OF SEALED BIDS: 01.03.2018**

- 1) Please Note that the Institute remains closed during Saturdays & Sundays and all specified government holidays.
  - 2) Fax, e-mail Tender will not be accepted.
  - 3) The General Terms and Conditions as stated above relate to supply of stores / equipment /assets etc. and for specific service other terms and conditions of the Institute will apply.
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