



**GLOBAL TENDER NOTIFICATION**  
(Through e-procurement portal only)

The Director, NIMHANS invites tender from eligible tenderers through the Karnataka Government E-Procurement portal for supply of following equipment.

Sl. No.	Name of the Item	Quantity (in Nos.)	EMD (in `)
1.	Minus Eighty Six Degree C Freezer with Natural hydrocarbon refrigerants	01	16,000/-

**Tender Schedule**

Downloading of Tender documents from website - <a href="https://eproc.karnataka.gov.in/eportal/index.seam">https://eproc.karnataka.gov.in/eportal/index.seam</a>	From 11.09.2019 onwards
Last date for tender enquiry	26.09.2019 upto 11:00 AM
Tender submission last date and time	10.10.2019 upto 11:00 AM
Technical bid will be opened online by the authorized officer on	11.10.2019 at 11:00 AM

Sd/-,  
Director

**TENDER DOCUMENT**

**Terms and conditions**

1. The bid documents should be uploaded in E Procurement portal only on or before the **due date**.
2. The tenderbid should be valid for **four months** from the due date. **NIMHANS, Bengaluru will not take any responsibility for any technical issues.**
3. **Earnest Money Deposit (EMD):**
  - 3.1. The (EMD) shall be denominated in Indian Rupees and shall be paid in the e-procurement portal using the following payment modes:
    - a. Credit Card.
    - b. Direct Debit.
    - c. Net Banking
    - d. National Electronic Funds Transfer (NEFT)
  - 3.2. The EMD shall not bear any interest and will be refunded to
    - a. successful tenderer on receipt of Agreement and Bank Guarantee.
    - b. unsuccessful tenderer upon finalization of tender bid and award of tender to successful bidder.
    - c. all the tenderers if the tendered item is cancelled or retendered.



4. The tender documents and all correspondence's relating to the bid should be in **English language only**.
5. **Technical bid should comprise of (uploaded copy of documents should be self attested and stamped) -**
  - 5.1 Brochure/Catalogue and Data sheet of the equipment.
  - 5.2 Proprietary certificate from the manufacturer mentioning the unique technology or feature/s mentioned apart from the brand name (If applicable).
  - 5.3 Pre requirements required at the installation site (Before submitting the bid, the tenderer should make pre-visit to the installation site and indicate the requirement along with the price bid wherever necessary)
  - 5.4 Delivery Period of the item to be supplied and Time required for installation from the date of purchase order has to be indicated.
  - 5.5 List of Institutes where the equipment has been supplied.
  - 5.6 Copy of GST, PAN, TIN document
  - 5.7 Whether tenderer is manufacturer / accredited agent / sole representative, indicate details of principal's name & address. The offers of tenderer who are not manufacturer or direct authorized agent will be summarily rejected. Sub- distributors will not be accepted.
  - 5.8 Non – blacklisting certification that the firm has not been blacklisted in the past by any government/Private institution and certification for No Vigilance/CBI case pending against the firm/supplier by making an affidavit on non – judicial stamp paper of `10/-.
  - 5.9 Declaration towards acceptance of all terms and conditions should also be provided.
  - 5.10 Technical Compliance Sheet to be uploaded by the supplier.
6. **Price Bid should comprise of-**
  - 6.1. **Quotation should be only for DAP i.e., NIMHANS DOOR DELIVERY PRICE** and should have detailed information as per tendered specifications (such as main equipment cost, each article wise/spares rates, taxes, other Government levies, Customs duty, any local agency commission, transportation, delivery of the equipment to the Institute premises, installation and commissioning etc. Separately along with total cost) with manufacturers name, License number and name of the brand/make. Tender bids without price bid/quotation will be rejected. **Detailed breakup of the cost should be provided under” Action Column” by clicking the “%” symbol which will be mentioned as Added Statutory Components.**
    - a) In case of Import, Customs Duty will be considered only at 5.5% of the total Purchase order value and the required Customs clearance documents will be provided by NIMHANS on prior intimation (atleast 7 working days prior intimation) of shipment along with details and relevant documents by the supplier.
    - b) If the tenderer is quoting in Indian Rupees (INR) for items NOT MANUFACTURING IN INDIA (NMIC), the CUSTOM DUTY EXEMPTION CERTIFICATE WILL NOT BE ISSUED BY THE INSTITUTE. The Rate quoted should be inclusive of Custom duty & other incidental charges.



- 6.2. Exchange rates for Foreign Currency will be considered as per the closing value on previous working day from website <https://rbi.org.in/scripts/ReferenceRateArchive.aspx> (only for GBP, EURO, USD & JPY) and for other currencies as per the decision of the Institute.
7. Successful tenderer decision will be made on the basis of base price +Warranty period (wherever applicable).
8. The tender bids (technical and price bid) should be typewritten; every correction in the tender should be initialed along with seal by the tenderer, failing which the tender will be rejected.All pages of the bid submitted must be signed along with seal and sequentially numbered by the tenderer.
- 9. Evaluation of Bids:-**  
The technical bid of the tenderer will be evaluated to determine whether
- They are complete with respect to specifications.
  - They are free from computational errors.
  - The requisite documents have been submitted and properly signed.
- 10. Tender Opening:**
- The Technical bids will be unlocked through E procurement portal in the Committee Room, Adjacent to Registrar Chamber, NIMHANS, Bengaluru on the date specified in presence of tenderers or their representatives who choose to attend. The Tenderers' or representatives who are present shall submit authorization letter along with copy of Photo id proof and shall sign a register evidencing their attendance.
  - The Financial bid of the technically qualified tenderer's only will be opened on a notified date. NIMHANS will inform all the Technically Qualified Tenderers through e-tendering system, after decryption of their Financial bid which could be viewed automatically by the respective technically qualified tenderer's. In this regard no separate intimation shall be made by the Purchaser.
11. Equipment and its accessories should be covered with **minimum warranty period of 05years** for normal or regular wear & tear from the date of complete installation (Ready to use in all respects). In case of software's, the validity of the license key should be clearly mentioned and should have user define provision with option to switch over from one system to other system of the same kind within the validity period.
12. A tenderer having once given a tender bid shall not withdraw it after its acceptance/opening and if does, the EMD paid by the tenderer will be forfeited and the tenderer is liable to make good the loss sustained.
13. If required, the tenderer should demonstrate the quoted model of the equipment at the institute during the technical evaluation, failing which their bid/offer shall be rejected. The tendererwill be intimated that they should get ready for demonstration. No request for extending time for demonstration will be entertained. Failure to demonstrate, their offer will be rejected.
14. The tenderer should supply the circuit diagram and instruction manual of the tendered equipment/s at the time of supply of the equipment.



15. Necessary training / instructions on operation of the system should be given by the qualified engineers of the tenderer firm to NIMHANS technical staff/sat free of cost after completion of the installation.
16. The successful tenderer should immediately submit an acceptance letter duly signed and sealed for the rate/s and offers agreed by both the parties to the Head of the Institution within reasonable time on receipt of the Purchase Order (Agreement Specimen will be enclosed with Purchase order & Stamp duty to be paid by the tenderer). The successful tenderer should also furnish a Bank guarantee only from a Nationalized bank to the extent of 10% of the total purchase order value, valid for 60 days beyond the completion of the warranty period of the equipment, no split period bank guarantee will be entertained.  
In the event of the successful tenderer failed to supply the item/execute the agreement/submit the Bank Guarantee the EMD deposited by them shall stands forfeited.
- 17. Payment terms:**
- 18.1 Payment will be made only after good working condition of the equipment certified by the end user. **NO ADVANCE PAYMENT WILL BE ENTERTAINED.**
- 18.2 In case of foreign payments made by Letter of Credit (LC) or wire transfer, bank incidental charges within India will be borne by the Institute and outside of India should be borne by tenderer.
- 18.3 **Any amendment or extension of LC sought by the tenderer thereafter amendment charges should be borne by the tenderer only.**
- 18. Uptime Guarantee:**  
Penalty Clause for non-functioning of equipment in term of hardship to the patients and financial loss to institute: 95% up time of 365 days (24 hours a day) that is from the day of successful handing over of the whole complex. The company takes the responsibility for the functioning of all the components and equipment, including the third party items supplied and included in the project. The total downtime annually for any reason/involvement of any of the components cannot exceed 5% (all inclusive). No penalty will be levied for the first 24 hours after breakdown. Subsequently, 1.00 Lakh will be levied as penalty for every 24 hours of downtime until 7 days from the day of breakdown. If downtime exceeds 7 days the penalty will be 2.00 Lakh/day from the date on which the equipment broke down. In addition to this, warranty period will be extended at double the rate of the downtime period.
19. If, at any time, during the said period, the supplier reduce the said prices of such Materials/Equipment or sales such Materials/Equipment to any other person/organization/Institution at a price lower than the chargeable, the company shall forthwith notify such reduction or sale to the Director, NIMHANS and the price payable for the Materials supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.
20. The losses to NIMHANS, Bengaluru, if any incurred on account of purchase made elsewhere by failure, neglect or refusal on the part of the tenderer to supply according to the terms of agreement will be recovered from them. If any article or things supplied by the tenderer have



been partially or wholly used or consumed in the hospital and they are subsequently found to be in bad condition, unsound, inferior in quality or description, not in accordance with samples or otherwise faulty or unit for use, the wholesome of the contract price or price of such articles or things will be recovered from the tenderer. The tenderer will not be entitled for any payment whatsoever, for such articles for infringements of the stipulation of the conditions or for justifiable reasons the contract may be terminated by the Director and the tenderer shall be liable for losses sustained by the NIMHANS on the consequences of the termination which may be recovered from the EMD/Bank Guarantee or from their invoices due to them. In the event of such amount being insufficient, the balance will be recovered personally from the tenderer.

21. Any corrections/changes in the tender will be uploaded as corrigendum in the NIMHANS and E procurement websites only.
22. If the tender last/opening date falls on any general/government/institute holiday(s), then the successive dates will be postponed by equivalent days of holiday(s), however the time remains unchanged.
23. The Director reserves the right of ordering/not ordering/cancelling/increase or decrease the quantity and to reject any or all tender quotations without assigning any reason. The decision of the Director, NIMHANS, Bengaluru, shall be final in all the controversies that may arise in the matter. Any dispute arising out of this will be subject to the jurisdiction of the Court in Bengaluru.
24. Failure to adhere any of the above terms and conditions the bid(s) may be rejected and EMD may be forfeited.
25. None of the terms and conditions of the supplier shall be applicable to the purchase contemplated hereunder, irrespective of it being attached to any documents to be provided to NIMHANS. Such exercise shall have no meaning and binding effect unless the same is accepted by NIMHANS in writing.

**NOTE: Please keep checking the NIMHANS and E-Procurement websites regularly for any further updates.**

**Sd/-,  
Director**



**DECLARATION**  
**(TO BE UPLOADED BY THE TENDERER)**

Sl. No. of the Item :.....

Name of the company(tenderer) :.....

To

**The Director,  
National Institute of Mental Health & Neuro Sciences  
(Institute of National Importance)  
Post Box No. 2900,  
Hosur Road, Bengaluru – 560 029**

Dear Sir,

1. I/We hereby submit my/our tender bid for the .....
2. I/We have remitted the application fee and EMD of ` ..... through Credit Card/Direct Debit/Net Banking/National Electronic Funds Transfer (NEFT).
3. I/We have gone through all terms and conditions of the tender documents before submitting the same.
4. I/We hereby agree to all the terms and conditions, stipulated by the NIMHANS, in this connection including delivery, Installation, Warranty, Penalty etc. All relevant documents and Technical bid are uploaded as per the tender terms and conditions. Any violation in uploading the documents, my/our tender bid may be disqualified.
5. Financial bid is quoted as per tender terms and conditions clause no. 6, failing which it will be presumed that the rates are door delivery price.
6. Tender bids are duly signed (No thumb impression should be affixed).
7. I/We undertake to sign the contract/agreement, if required, within reasonable time from the date of issue of the letter of acceptance, failing which our/my security money deposited may be forfeited and our/my name may be removed from the list of suppliers at the NIMHANS, Bengaluru.

**Yours faithfully,**

**Signature of Tenderer & seal**



**CHECK LIST**  
**(TO BE UPLOADED BY THE TENDERER)**

1	Name & Address of the tenderer		
2	Name & Address of the Manufacturer		
3	Name of the Equipment & Model Quoted		
4	Validity of the Quotation	4 months from the due date	
5	a. Installation Period b. Warranty Period	30 Days from the date of site handover 5 Years from the date of successful installation	
6	Technical Bid (Yes or No against each item)	a. Application Fee submitted	
		b. EMD enclosed submitted	
		c. Brochure/Catalogue & Data Sheet enclosed	
		d. Manufacturer Proprietary certificate enclosed	
		e. Pre requirements details enclosed	
		f. List of users enclosed	
		g. Copy of GST, PAN, TIN document	
		h. Distributor authorization letter	
		i. Non-blacklisting certification enclosed	
		j. Declaration enclosed	
7	Financial Bid Submitted (Yes or No against item a & b, currency symbol against item c)	a. NIMHANS DAP equipment cost quoted	
		b. 5 years warranty	
		c. Currency in which financial bid is quoted	
8	Training provided (Yes or No)		
9	a. Whether after sales, service is available in Bengaluru? If yes, quote		
	b. What is the arrangement for post contract / Warranty monitoring of the equipment?		
10	What is the Agency commission payable? If applicable		
11	Details of the EMD Submitted	Transaction No..... for `..... Bank name:	
12	Any Other Information (Enclose separately in letter head – Yes/No)		

**Signature of Tenderer & seal**



**For Contact:**

**Dr.B.N.Srikumar**

**Associate Professor**

**Dept. of Neurophysiology**

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**Technical Specifications for -86°C Freezer with Natural hydrocarbon refrigerants:**

**1. General Specifications**

- Temperature range: -50°C to -86°C
- Capacity: 422 liters
- 2" cryobox Capacity: 300
- Electrical: 230V / 50Hz
- Amps / Breaker(Plug): Compatible for Indian electrical system
- Interior Dimensions: H x W x D: 130.1 x 45.2 x 71.9 cm Exterior Dimensions: H x W\* x D: 198.1 x 58.4 x 95.5 cm
- Should include: Shelf Kit for 300 box upright 4 inner door freezers, consisting of three no 2 inch box sliding drawer racks and 75 boxes with 100 cell dividers

**2. CONSTRUCTION**

- The Freezer must be constructed using 1 inch thick vacuum panel insulation in conjunction with environmentally-friendly water blown foam
- Door gasket must provide 7 independent insulation zones along with 4 points of contact to ensure sample security.
- Freezer shall be painted with high-impact, scratch resistant powder coat finished interior and exterior to ensure long term viability and enhanced temperature uniformity.
- To reduce condensation, the perimeter heater shall be on the door side not on the cabinet side to limit heat introduction in to the sample storage area.
- The thermal breaker shall be made of plastic to limit heat leakage in to the cabinet
- Door latch allows one-handed opening and closing. Handle must include door key lock as well as padlock provision for added security.
- Freezer shall have 4 internal storage compartments with a minimum of 4 polystyrene insulated inner doors to ensure sample security. Inner doors should have no latches or external magnets and must be removable for easy cleaning without the use of tools.
- Freezer shall have an automatic heated pressure equalization port which allows for rapid re- entry to cabinet.
- Freezer should have two-1inch access ports as standard.
- Freezer should have an RS485 output, dry contacts and 4-20mA output for remote





monitoring purposes.

- Freezer must have capability of being cloud connected for remote system monitoring.
- Freezer door must open at least 180 degrees for easy sample access.

### **3. CAPACITY ~425 Liters with box capacity – 300 of 2” boxes**

### **4. CONTROLS**

- Freezer must incorporate H-Drive Information Center(HIC)
- Freezer shall incorporate setpoint security
- Freezer interface shall incorporate icons to advise users of alarm status for warm or cold excursions, door ajar, or power failure
- Freezer interface shall have warm alarm test function
- Freezer interface shall include an icon to communicate service warnings
- Freezer interface shall have a numerical indication of operating temperature
- Freezer interface shall have a health status icon
- Freezer interface shall allow the user to adjust the operating and alarm setpoints
- Freezer interface shall allow for the use of an off-set value to be used for calibration
- Freezer shall have the option of either an liquid nitrogen or carbon dioxide back-up system
- Freezer shall have the option of a chart recorder
- Freezer shall record temperature excursions including actual temperature, warmest temperature and coldest temperature.
- Freezer must recognize if line voltage and frequency does not match Freezer specification and alert user.

### **5. Refrigeration System**

- Freezer shall use only natural, commercially available refrigerants (Hydrocarbon) with no special blends required.
- Freezer shall utilize single speed controls to optimize temperature performance and energy.
- Freezer refrigeration system shall incorporate a brazed plate heat exchanger. Heat exchanger shall be placed in a thermal box in the deck of the Freezer to optimize Freezer storage capacity.
- Induction brazing shall be used on refrigeration connections to minimize leaks
- Refrigeration system shall contain a liquid line/ suction line heat exchanger to ensure Freezer temperature stability.



**6. Accessories**

- Should be supplied with Racks along with boxes for entire Freezer , one pair of cryo gloves and suitable Stabilizer
- A device that would automatically send alerts to mobile phones in case the freezer fails.

**7. Regulatory**

- Freezer must be built to and contain the registration mark for UL, cUL, and CE standards for safety and performance.
- Freezer must be listed under FDA/MDD product code KSE, regulation number 864.9700
- Freezer must meet the AATBST AND ARDS FOR TISSUE BANKING 14th ed., Section E, E3.300, E3.310, table E3.331.
- Freezer must meet AABB-Technical Manual 17th Ed., page 273,274.
- Warm Up, door opening, accuracy related factory test certificates needs to be produced.

**8. Stabilizer: 5KVA servo stabilizer should be supplied during installation**

**9. WARRANTY**

- Freezer should be provided with 5 years warranty and same must be declared by the manufacturer.