

**HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED**  
**Procurement Cell**

**( A Government of Maharashtra Undertaking)**

**Regd. Office : Acharya Donde Marg, Parel, Mumbai 400 012 (INDIA)**

**Phone No: 022- 24129320-23**

**Managing Director :022-24150628**

**General Manager (Procurement Cell) :022-24100478**

**Website : http://www.vaccinehaffkine.com**

**E-mail: procurementcell@vaccinehaffkine.com**

**No.: 7432 /Haffkine/Procurement Cell/RT-3315/Refrigerated Centrifuge/2022-23.**

**Date: 13-08-2022**

दि: २४.१२.२०२० प्रशासकीय मंजूर निधी ३२,९२,२००/-  
(राज्य योजना २०२०-२१) (Qty.- 01)

**To,**

**M/s. Thermo Fisher Scientific India Pvt. Ltd.,**

4, B 403-404, Delphi, Hiranandani Business Park,

Powai, Mumbai Suburban, Maharashtra, 400076.

Contact No. 9322766277.

**E-Mail: kunal.rohile@thermofisher.com**

**Subject : Supply Order for Tender No. RT-3315/Refrigerated Centrifuge.**

**Reference: 1. Tender No. RT-3315/HBPCL/PC/Refrigerated Centrifuge/ 2021-22.**

2. शासननिर्णय, क्रमांक - जीसीबी-२०२०/प्र.क्र.३०१/प्रशा-१  
दिनांक : २४ डिसेंबर, २०२०.

3. Sanction of Tender Approval Committee Meeting No. 162

Date : 04.08.2022.

With reference to the tender cited under reference no 1, you are requested to supply the following goods as per details mentioned below to consignee list enclosed with this order.

Sr. No.	Name of the item	Specification of item	Quantity / Unit (DMER)	Unit Rate inclusive of GST(Rs.)	Total Amount Rs.
1	Refrigerated Centrifuge Make: Thermo Fisher Scientific Model : Cryofuge 16	As per Annexure X	01	33,06,000/-	33,06,000/-

**Total amount in words: Rupees Thirty Three Lakh Six Thousand Only.**

**Factory Location: M/s. Thermo Fisher Scientific Pte Ltd, Blk 33 Marsiling Industrial Estate Road 3 Unit # 07-06, Singapore 739256.**

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- Delivery Period:** 12 weeks from the date of receipt of order by the supplier to the consignee attached.
- Pre-Dispatch Inspection:** Supplier shall make necessary arrangement / facilitate to carry out Pre-Dispatch inspection as per Tender Terms & condition and submit the Inspection report to this office. The Pre-Dispatch inspection cost will be borne by supplier. Machine should be dispatched only after Satisfactory Pre-Dispatch Inspection.

- 4 **Risk purchase clause:** If the bidder fails to supply the stores within the stipulated delivery period, the order will stand cancelled. Undersigned shall be entitled to purchase such stores from any other source at such price which ordinarily should not be more than 10% of the tender price. The extra expenditure in such cases shall be recovered by Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai from the Supplier.
- 5 **Payment Terms:** Payment of 100% of the contract value will be made within 8 weeks on delivery and successful installation and satisfactory commissioning and operation of the machinery.
- 6 **Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- 7 **Delivery Challan** - Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 8 **Invoice Copy** - Should be sent in triplicate on the Name of Managing Director, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai. Along with Bill of Entry and Country of Origin Certificate of the consignment.
- 9 **Other Terms :**
  - 1) **Warranty:** The warranty period shall be for 2 years from the date of commissioning of all equipment supplied as certified by the consignee. After completion of 2 years warranty period Manufacturer/Supplier should give commitment to ensure services and supply of spare part for further 8 years. The successful tenderer must ensure 95% uptime during warranty period. In case of downtime, warranty period will be extended for period of downtime. If the equipment is not attended within 24 hours for Mumbai and 48 hours for other places the supplier will be liable to pay a penalty of 0.07% of purchase cost for every day of delay. Such penalty will be recovered from the amount of security deposit. Certificate of such uptime / downtime issued by the end user will be binding for the supplier Replacement of spares parts thereof due to manufacturing defects during warranty period will be entirely at the supplier's cost.
  - 2) The user institution will enter to the Comprehensive Maintenance Contract with supplier agency @ 5% of the order value (excluding taxes) of the equipment per year for 8 years after completion of warranty period. In case of non-compliance of CMC the supplier will be liable to pay penalty or for appropriate action. Payment of CMC on yearly basis will be made by the user's institution, at the end of the year after satisfactory performance report from the end user.
- 10 **Contract Agreement:** Bidder should submit a tripartite (Importer, Manufacturer and Haffkine Bio Pharmaceutical Corporation Ltd.) Contract Agreement on non-judicial stamp paper of requisite value.

#### **Fall Clause**

It is a condition of the contract that all through the currency thereof, the price at which you will the supply stores should not exceed the lowest price charged by you to any customer during the currency of the contract and that in the event of the prices going down below the rate contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.


- 11 The Bidder should submit (within 7 days) amount of 1.5% i.e. **Rs. 49,590/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 99,180/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee valid for 2 months after the expiry of date of warranty issued by any Nationalized / Scheduled Bank.

**Amount to be deposited to Following Account:**

Name of Account	Haffkine B P C L (Procurement Cell), CESS Account
Name of the Bank & Branch	Bank of Maharashtra, Branch- Mumbai Parel
Account No.	60381379835
IFSC Code	MAHB0000079

**Consignee:** As per list enclosed

मा. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता

  
**Dr. Sadanand Bhise**  
**General Manager**

**Haffkine Bio Pharmaceutical Corporation Ltd.**  
**(Procurement Cell), Mumbai.**

**Copy to:**

- 1) Commissioner Health Services, Mumbai.
- 2) Director, Medical Education & Research, Mumbai-400 001.
- 3) Account Manager, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.
- 4) Office File.
- 5) System Integrator

**Copy to Consignee: Dean, Government Medical College, Baramati.** As per Tender Condition No.17 The user Institution should get the Comprehensive Maintenance Contract done with supplier agency @ 5% of the Order value (excluding taxes) of equipment per year for Eight years after Completion of warranty period.

**Copy Submitted to: 1) Secretary, Medical Education & Drug Department, Mantralaya, Mumbai.**

### Annexure-X

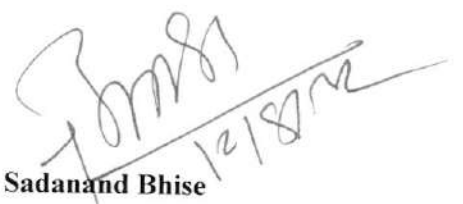
Sr. No.	Technical Specification of Refrigerated Centrifuge
1	12 Blood bags Capacity, Floor Standing Blood Bank Refrigerated Floor Centrifuge for separation of blood components like packed cells, platelet rich plasma, platelet concentrate, Plasma, Cryoprecipitate & Buffy Coat
2	Wind Shield Swinging bucket blood bank rotor: Oval metal buckets with middle partition, Total Capacity-6 X2000ml, for 12 Quintuple blood bag systems of 450 to 500 ml with filters, with SGAM bag and empty satellite bags
3	Instrument Should have swinging bucket rotor available for future upgradation Wind Shield Swinging bucket blood bank rotor: Oval metal buckets with middle partition to hold 2 blood bags, Total Capacity-8 x 2000ml, for 16 Quintuple blood bag systems of 450 to 500 ml with filters, with SGAM bag and empty satellite bags (Compatible with Terumo, Fresenius, JMS, fenwal, Hindustan Latex, Macu pharma etc.)
4	Maximum Speed 4500 to 4700 RPM, Settable in 1 RPM Increment, RCF 7187xg, Settable in 1xg steps
5	Lid lock and interlock-Automatic Double locking for operator safety. The centrifuge lid locking should be automatic and motorised. No manual push or banging of lid should be required. Lid of the centrifuge will not open during power failure by pressing of regular door open switch or knob or button for operator safety
6	Facility to remove the blood bags during power failure / emergency by opening centrifuge door through mechanical override release cords located on both sides of centrifuge and known to trained persons only for intentional use. To protect blood bags and operator the lid should not open with regular electrical knob/button/switch during a power failure
7	Stainless steel chamber: Easy to clean, corrosion resistant with provision of both drain and condensed water collection container for complete decontamination in case of blood bag rupture/leakage
8	Microprocessor Control operation with automatic calculations of RPM to RCF, If a speed or RCF value out of the nominal range has been selected, a message will appear with the permissible values. Simultaneous Digital display of set and actual run conditions like rpm, g-force and Temperature
9	Energy Efficient Performance, Power Consumption not higher than 5.5 kv
10	Power Requirement: 230V, Single Phase, 50Hz, 32 Amps
11	The Centrifuge must have an Auto-Door function to open and close the centrifuge door automatically using simple push-button operation and instant rotor opening and closing with
12	Touchscreen operating controls that can be used with a gloved hand, and which displays both set storage and actual run conditions simultaneously. User access control and security with optional password protection
13	The centrifuge must be able to store 100 to 120 programs
14	The Accumulated Centrifugal Effect function automatically adjusts run time for run-to-run reproducibility.
15	The unit must have application enable to remote monitoring of run status or identification of available centrifuges from the mobile app
16	The centrifuge must have a drive technology automatically neutralizes up to 125g loading imbalance
17	Temperature Control Range: -20°C to +40°C, adjustable to 1 °C, CFC Free refrigerant
18	The centrifuge must have 11 Acceleration rates and 12 Deceleration rates
19	Removable plastic inserts set of 6, to spin quadruple blood bag system 450 ml and with provision to hold balancing weights at the sides of the insert so it will not come in contact with blood bags, supplied with one set of balancing weights

20	Removable plastic inserts set of 6, to spin quintuple blood bag system 450 ml with soft filters
21	Removable plastic inserts with built i hook adapter, to spin buffy coat or small volume of blood, with provision to hold balancing weights at the sides of the insert so it will not come in contact with blood bags, it should be supplied with one set of balancing weights
22	Auto-ID instant rotor identification
23	on-board run logging of user, run conditions and error messages
24	integrated rotor calculator for simplifying protocol modifications and transfers
25	Help screens and in-use training with on-board tutorial videos and a quick-start
26	Cycle-Log rotor bucket cycle log monitors bucket life for added safety
27	Electronic signatures for runs with user log-in and password protection
28	Refrigeration off when door opens; Eco-Spin wind shielded rotors
29	Modes: At start, at speed, time start
30	Step Runs: 30 profile/speed/time triplets, up to 3 steps each
31	Maintenance Tracking Log
32	Supplied with balancing plates to compensate big weight difference, one set of 2-4 plates 35g and 65 g
33	The centrifuge must have UL, US FDA AND CE-MDD class IIa certificates. The CE class IIa manual each of certificate should be from a European notified body with their 4 digit identification number. USFDA 510 exemption will not be accepted.
34	Should meet the standards of IEC/EN 61010 Safety requirements for electrical equipment for measurement, control and laboratory use. Overvoltage Category II.
35	Should meet the standards of IEC/EN 61326 for EMC requirements of electrical equipment for measurement, control and laboratory use.
36	Should meet the standards of IEC/EN 60529-Degrees of protection provided by enclosures with protection level of IP 20 or better level.
37	Run Time-99 hours 59 min 59 sec (1 second increment)
38	Warm air outlet from sides and/ or rear of the machine
39	Supplied with servo voltage stabilizer capacity 10KVA of reputed brand
40	Wet demo should be organized with QC parameters checked as per the standard NACO/AABB guidelines with NABL traceable valid tools
41	Company should have Local application, after sales support and should provide on-site training. Please give details of your set up with full address, contact numbers and names of service engineers
42	Should provide weighing balances for blood bags
43	AMC & CMC services should be provided by expert engineers of manufacturing company. Contracts for same will be made with manufacturing company's authorized distributor & not with the supplier.
44	As per NABL norms, calibration of instruments should be done by manufacturer's authorized distributor every year till the lifetime of instrument and Contracts for same will be made with manufacturing company's authorized distributor and calibration certificates to be provided by them and not by the instrument supplier.
45	Additional tube sealer should be provided.
46	Warranty: 2 years

Consignee Details

M/s. Thermo Fisher Scientific India Pvt. Ltd.		
Refrigerated Centrifuge		
Make: Thermo Fisher Scientific & Model : Cryofuge 16		
Delivery Period	12 weeks	
PO Ref. No.	No.: 7432 /Haffkine/Procurement Cell/RT-3315/ Refrigerated Centrifuge/2022-23. Date: 13-08-2022	
	दि: २४.१२.२०२० प्रशासकीय मंजूर निधी ३२,९२,२००/- (राज्य योजना २०२०-२१) (Qty.- 01)	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Government Medical College, Baramati.	01
	Total	01

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