



**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.: 4475 /Haffkine/Procurement Cell/E-1920/P.F.T  
Machine with Bodyplethysmograph (Buyback)/ 2020-21.

Date: 07/04/2021

To,

M/s. Biotronics Equipments Pvt. Ltd.,

504, Reena Complex, Ramdev Nagar,

Opp. Nathani Steel, Vidyavihar (W),

Mumbai – 400086.

Contact No. 9870593353.

E-Mail: [info@biotronicsindia.com](mailto:info@biotronicsindia.com)

**Subject : Supply Order for Tender No. E-1920/ P.F.T Machine with Bodyplethysmograph (Buyback).**

**Reference: 1. Tender No. E-1920/HBPCL/PC/ P.F.T Machine with Bodyplethysmograph (Buyback)/ 2019-20.**

2. शासन निर्णय, क्रमांक - एससीएन-२०१७/प्र.क्र.२२७/प्रशा-१  
दिनांक : ११ जानेवारी, २०१८.

3. **Sanction of Tender Approval Committee Meeting Dated 16.02.2021.**

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	P.F.T Machine with Bodyplethysmograph (Buyback) Make : M/s. Medisoft SA Belgium Model: Body Box	As per Annexure X	01	29,50,000/-	29,50,000/-

**Total amount in words: Rupees Twenty nine Lakhs Fifty Thousand Only.**

**Factory Location: M/s. Medisoft SA, PAE de Sorinnes, 1 Route de la voie cuivree, 5503 sorinnes, Belgium.**

- 1 **Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- 2 **Delivery Period:** 12 weeks from the date of receipt of order by the supplier to the consignee attached.
- 3 **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. 44,250/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 88,500/-** 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 मान्य टिपणी नुसार

*Ramkesh*  
6/4

**General Manager – 1**  
**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.

**Copy to Consignee: Dean, Dr. Shankarrao Chavan Government Medical College, Nanded. :** 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

### Technical Specifications of P.F.T Machine with Bodyplethysmograph (Buyback).

#### Spirometer:

1. Should be able to measure flow with an accuracy of at least + 3% of reading or + 0.05L, whichever is greater with flows between 15-20 L/sec. Total resistance To airflow should be less than or equal to 0.4cm H<sub>2</sub>O L/sec. Dead space < 60ml.
2. The following test least should be performed by the pft equipment:  
FVC, FEV<sub>1</sub>, PEF, SVC, FEV<sub>1</sub>%, MMEF, PIF, MVV, FET, Minute Volume
3. Should have heated pneumotach/Ultrasonic based technology.
4. Should be able to incorporate normal predicted values provided by user department.
5. Should have facility for Bronchial challenge tests with external or built-in dosimeter
6. Should have facility to customize report format.
7. Should be able to display real time flow volume and volume time traces.
8. Should be able to display overlaying of previous test curves for comparison
9. Should be compatible with ATS/ERS guidelines.

#### Lung Volume & Diffusion Capacity measurements:

1. The system should measure and include the following tests and parameters:
  - a. Slow vital capacity (SVC, IC, ERV)
  - b. FVC Test all parameters
  - c. MVV Test
  - d. Double Diffusion Co & No with Helium (DLNO )
  - e. DLco Rebreathing
  - f. Negative Expiratory pressure
  - g. FRC by He Dilution or N<sub>2</sub> washout
  - h. Raw
  - i. Lung volume by plethysmography
  - j. MIP, MEP, SNIP
  - k. NEP
  - l. VMIN
2. Should be able to incorporate normal predicted values provided by user department.
3. Should be supplied complete with cylinders for required gas mixtures with double stage pressure regulators, calibration syringe, equipment trolley, software, manual and standard accessories, at least 5 sets of breathing tubes for spirometry and lung volume measurements, at least 2 spare sets of gas bags atleast 10 nose clips, absorber columns/absorber chemicals.

#### Computer & Printer

1. Intel 17 208 GHz processor or better, at least 1 terabyte hard disk, at least 8 GB DDR3 RAM, DVD writer, 19" LED monitor, at least four USB ports with 2 in front of CPU, preloaded licensed original Windows compatible with the software of the spirometer system.
2. Printer : DESKJET COLOR
3. PFT Machine trolley
4. UPS 1KVA with isolation Transformer

#### Other Features:

1. Warranty for + 2 Years.
  2. CMC rates to be quoted for the ~~five~~ 8 years after expiry of warranty.
- Buyback: Bidder should buyback the existing system in the department (Make Medgraphics USA) AND SUBMIT THE OFFER ACCORDINGLY.
- European CE or US FDA

Consignee Details

M/s. Biotronics Equipments Pvt. Ltd.		
P.F.T Machine with Bodyplethysmograph (Buyback) Make : M/s. Medisoft SA Belgium & Model: Body Box		
Delivery Period	12 weeks	
PO Ref. No.	No.: 4475 /Haffkine/Procurement Cell/E-1920/ P.F.T Machine with Bodyplethysmograph (Buyback)/ 2020-21. Date: 7/04/2021	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Dr. Shankarrao Chavan Government Medical College, Vishnupuri, Nanded.	01
	Total	01

भा. व्यवस्थापकीय संचालक यांच्या मान्य टिपणी नुसार

*B. Misra*  
6/4

General Manager – 1  
Haffkine Bio Pharmaceutical Corporation Ltd.  
(Procurement Cell), Mumbai.