



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

( A Government of Maharashtra Undertaking)

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

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No.: **4006** /Haffkine/Procurement Cell/E-1826/Anaesthesia Workstation/2020-21

Date: **02/10/2020**

To,

M/s. BPL Medical Technologies Pvt. Ltd.,

11<sup>th</sup> KM, Bannerghatta Road,

Arekere, Bangalore - 560076.

E-Mail: sashi.bhushan@bpl.in

**Subject :** Supply Order for Tender No. E-1826/Anaesthesia Workstation

**Reference:** 1. Tender No. E-1826/HBPCL/PC/ Anaesthesia Workstation/2019-20

2. Sanction of Tender Approval Committee Meeting Dated 07.08.2020

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	<b>Anaesthesia Workstation Make &amp; Model: Penlon &amp; Prima 320</b>	As per Annexure X	02	14,98,560/-	<b>29,97,120/-</b>

**Total amount in words: Rupees Twenty Nine lakhs Ninety Seven thousand One hundred Twenty only.**

**Factory Location:** BPL Medical Technologies Pvt Ltd, BPL Works Palakkad, Kerala - 678007.

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- Delivery Period:** 06 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 **Labelling:** The word "**For use of GOVERNMENT OF MAHARASHTRA NOT FOR SALE**" should be printed on each unit pack in readable Purple or Green Colours.
- 7 **Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- 8 **Delivery Challan** - Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 9 **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.
- 10 **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.
- 11 **Contract Agreement:** Bidder should submit 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.

2. Ventilator shall have a Volume Control, Pressure Control, SIMV (Press & Volume) with PEEP, Pressure Support with Apnea Backup modes of ventilation
3. Ventilator should have a tidal volume compensation capability
4. Tidal volume from 20ml to 1500ml
5. Rate 4 to 99bpm
6. I: E ratio 2: to 1:8
7. Inspiratory Pause: Off, 5% to 60%
8. Flow trigger: 0.2lpm to 10lpm
9. Ventilator display shall have a minimum 7inches or above LCD screen, with pressure waveform scale, Flow Vs. time, & Loops (Pressure – Volume, Flow – Volume), set and measured patient data
10. Ventilator should be capable of 120 L/min peak flow in the Pressure Control mode.
11. Vaporizer should be maintenance free.

### **3.6 Anaesthesia Monitoring System:**

- a) Monitoring of vital parameters: ECG (5 leads) with ST segment analysis, NIBP, SPO2 and 2 Invasive Blood Pressure and two temperature.
- b) Twin temperature measurement with skin and rectal probes-Two sets with each monitor
- c) Up to 72hrs of graphical and numerical trending
- d) Display size shall be 12 inches
- e) Should be capable of displaying of six waveforms
- f) Automatic identification and measurement of anesthetic agents, EtCO2, O2 and N2O and MAC value, FiO2 measurement.

### **4. System Configuration Accessories, Spares and consumables**

- 4.1 Anaesthesia Gas Delivery system -01
- 4.2 Circle absorber -01
- 4.3 Ventilator -01
- 4.4 Monitor -01
- 4.5 TEC Vaporizer Sevoflurane -01
- 4.6 TEC Vaporizer Isoflurane -01
- 4.7 Adult autoclavable silicone breathing circuits -01
- 4.8 Temp probe Skin reusable -01
- 4.9 Accessories Anesthesia gases / EtCO2 monitoring -01 set
- 4.10 Standard accessories to make all parameters working -01 set
- 4.11 Vital Parameter Accessories -01 Set

### **5. Environmental factors**

- 5.1 The unit shall be capable of operating continuously in ambient temperature of 100C – 400C and relative humidity of 15-90%
  - 5.2 The unit shall be capable of being stored continuously in ambient.
  - 5.3 Shall meet IEC-60601-1-2: 2001 (Or Equivalent BIS) General Requirements of safety for Electromagnetic Compatibility.
  - 5.4 Safe disposal system/port of waste anaesthetic gases (AGSS Anaesthetic Gas Scavenging System/Port) should be in place.
- Supplier will be held responsible if this is not ensured at the time of installation.

### **6. Power Supply**

- 6.1 Power input to be 220-240VAC, 50Hz, as appropriate fitted with indian plug
- 6.2 The Anaesthesia Delivery system and Monitoring system shall will have a one hour battery backup.

### **7. Standard, Safety and Training**


- 7.1 Should be CE approved product
- 7.2 Electrical safety conforms to standard for electrical safety IEC-60601/IS-13450.
- 7.3 Manufacturer should be ISO certified for quality standard.

- 7.4 Certified to be compliant with IEC 60601-2-13-Medical Electrical Equipments part2-13: Particular requirements for the safety of Anaesthesia Workstations.
- 7.5 Should have local service facility. The service provider should have the necessary equipment's recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.
- 7.6 All components like anaesthesia machine, monitor and ventilator should be from one manufacturer/principal.

#### Consignee Details

M/s. BPL Medical Technologies Pvt. Ltd.		
Anaesthesia Workstation Make & Model: Penlon & Prima 320		
Delivery Period	06 weeks	
PO Reference No.	No.: 4006/Haffkine/Procurement Cell/E-1826/Anaesthesia Workstation/2020-21 Date: 02/10/2020	
Sr. No.	Name of the Consignee	Qty.
1.	Government Medical College, Baramati.	02
	Total	02

मा. व्यवस्थापकीय संचालक यांच्या मान्य टिपणी नुसार

  
General Manager  
(Procurement)  
HBCL Mumbai

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