



**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.: 1530 / Haffkine/Procurement Cell/E-175/ ABG Machine / 2019-20 Date: 31/07/2019

To,

M/s. Roche Diagnostic India Pvt. Ltd,  
Plot 501 B, Silver Utopia, Cardinal Gracious Road,  
Chakala, Andheri (East),  
Mumbai-400069(MH),  
E-mail : [mailsusanta.panigrahi@roche.com](mailto:mailsusanta.panigrahi@roche.com), [suraj.pawashe@roche.com](mailto:suraj.pawashe@roche.com)

**Subject: Supply Order for ABG Machine**

**Reference:** 1. Tender No. E-175/HBPCL/PC/ ABG Machine /2018-19.  
2. Sanction of Tender Approval Committee Meeting Dated 27.06.2019

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 Rate inclusive of GST(Rs.)and all other taxes	Total Amount Rs.)
1	ABG Machine (Make & Model: Roche cobas b221)	As per Annexure I	03	12,98,000/-	38,94,000/-
<b>Total amount in words: Rupees Thirty Eight Lakh Ninety Four Thousand Only.</b>					
<b>Manufacturing Location:</b> M/s. Roche Diagnostics International Ltd. Forrenstrasse 2, 6343 Rotkreuz. Switzerland. Telefon 496217590, Telefax 496217592890.					

- 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.
- 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.
- Payment Terms :** 100 % Payment shall be paid on receipt, Complete Installation (acceptance) of Machine in good conditions by the consignee.
- 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.
- Acceptance & Receipt:** It should be submitted in Appropriate Format to the purchasing authority.
- Delivery Challan** - Should be sent in the name of consignee in duplicate. It should specify Name of Equipment / Mfg. by / packing & quantity.
- 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. (For Imported Item Only)

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 100% 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 written down value 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 this contract prices you shall promptly furnish such information to us to enable to amend the contract rates for subsequent supplies.

12 The Bidder should submit (within 7 days) amount of 1.5% i.e. **Rs.58410/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 116820/-** as Security Deposit in form of Bank Guarantee, This Bank Guarantee should be valid for 8 years after the expiry date of warranty issued by any Nationalized/Scheduled Bank.

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

Name of Account	Haffkine Bio-Pharmaceutical Corporation Ltd. (Procurement Cell), CESS Account Mumbai.
Name of the Bank & Branch	Canara Bank, Branch-Parel
Account No.	0110201004893
IFSC Code	CNRB0000110

**Consignee:** As per list enclosed



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

**Copy to:** 01) Commissioner Health Services, Mumbai.

2) Director of Medical Education & Research.

3) Account Manager, Haffkine Bio Pharmaceutical Corporation Ltd. (Procurement Cell), Mumbai.

4) Office File.

**Copy to:** Dean, GMC Sangli, Dean, GMC Yavatmal, Dean, And And GMC Dhule: - As per Tender Condition No. 17 The user Institution should get the Comprehensive Maintenance Contract done with supplier agency @ 5% of the Written down value of the equipment per year for Eight years after completion of warranty period.

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

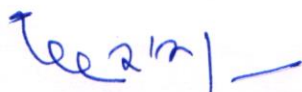


### Annexure -I

Sr.No.	Technical specifications For ABG Machine
1.	The blood gas with electrolyte analyser should be fully automatic.
2.	The instrument should have multiwavelength oximetry measurement technology.
3.	Measured parameters desired: pH, pO <sub>2</sub> , pCO <sub>2</sub> , CO, O <sub>2</sub> saturation, Bicarbonate, Bilirubin.
4.	Derived parameters desired : pH/CO <sub>2</sub> , pO <sub>2</sub> , bicarbonate, standard bicarbonate, Base excess of ECF, Oxygen content, total CO <sub>2</sub> , oxygen carrying capacity, Anion Gap, respiratory index, alveolar to arterial oxygen tension gradient, arterial alveolar oxygen tension ratio.
5.	The instrument should have automatic 1 point and 2 point calibrations of all measured parameters and systemic calibration with programmable calibration frequency by liquid/gas calibrators.
6.	The instrument should have facility for auto rinsing after every calibration and measurement.
7.	The instrument should have facility for auto cleaning and system alignment at specific intervals.
8.	To optimize reagent utilization the instrument should have facility for stand-by mode and auto wake up mode.
9.	The instrument should have facility for bar code reader.
10.	To avoid dilution, contamination and air bubbles the instrument should have facility of ultrasonic haemolysis of sample within the measuring chamber.
11.	The instrument should have facility for self-cleaning to eliminate clots and straight sample aspirator. Should have standby mode for economy to minimize reagent consumption.
12.	The instrument should have facility for auto QC (in built module) with Controls for three levels.
13.	The instrument should have electrodes with long life (minimum 1.5 years) and regular services and quality assessment should be provided by the company.
14.	Data storage for storage for QC results, patient ID The instrument should have facility for traceability of results to primary standards for measured parameters.
15.	For easy monitoring, alarm and replacement of reagents the status of balance reagent should be displayed on the main screen.
16.	The calibration system should use liquid calibration for all measured parameters and gas humidifiers for gaseous parameters.
17.	Sample type should be single injection type or direct aspiration from syringe or capillaries.
18.	The whole blood sample volume should not be more than 200 µL for all parameters.
19.	The results should be available in less than 3 min.
20.	Built in printer must be available and facility for attaching external printer should be available with or without computer facilities.
21.	Reference and critical ranges should be configured to patient's age, sex and sample type.
22.	To prevent any biohazard, sealed waste container must be available.
23.	Software and Host computer- Display language should have English mode. It should have advanced software- tutorials, lowered downtime interface with Ethernet computer networks, auto restart after maintenance, On-line help, bidirectional communication.
24.	The instrument should have the capability to interface a computer and data acquisition. The system should have appropriate serial port.
25.	Power and safety device and UPS system for blood gas analyser for a minimum one hour backup.
26.	<b>Free Start-up kit</b> for 500 samples should be provided with instrument.
27.	The cost per test should be quoted for 50 samples per day which will be freezed for 5 years.
28.	The cost per test should be inclusive of expenses on consumables, reagents, controls, calibrators, electrodes, printing paper roles etc. excluding GST and detailed data sheet for cost per test must be attached and which will be freezed for 5 years.

Sr.No.	Technical specifications For ABG Machine
29	The individual prices exclusive of GST for all reagents, consumables should be quoted separately which must justify the quoted cost per test and this will be freezed for 5 years.
30	L1 will be calculated by basic price of instrument and cost per test exclusive of GST for 5 years for 50 tests/day.
31	The instrument should have facility for displaying number of tests done, with date and time record a backup linked with compatible software along with computer.
32	Two years comprehensive warranty from date of installation inclusive of electrodes and plastic tubing etc. and should provide technical support. Instrument should be CE certified from original Manufacturer along with ISO 13485 Fully quality assurance or USFDA approved.

M/s. Roche Diagnostic India Pvt. Ltd,			
ABG Machine (Make & Model: Roche cobas b221)			
Delivery Period		12 weeks from the date of receipt of order	
PO Reference No.		No.: 1530 / Haffkine/Procurement Cell/E-175/ ABG Machine /2019-20 31/07/19 Date:	
Sr. No.	Name of the Consignee	Address of the Consignee	Qty.
1.	Dean, Government Medical College Sangil,	Dean, Government Medical College Sangil,	01
2.	Dean, Government Medical College Yavatmal.	Dean, Government Medical College Yavatmal.	01
3.	Dean, Government Medical College Dhule.	Dean, Government Medical College Dhule.	01
Total:			03

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