**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**प्रशासकीय मान्यता निधी १,०४,३७,८४०/-
राज्य योजना २०२१-२२**No.: 6053 /Haffkine/Procurement Cell/E-4122/ Gas
Analyser Automatic for CO2, O2, N2/2021-22.****Date: 30.12.2021****To,****M/s. G. K. MEDICALS & ENGINEERS**

Flat No. 105, Plot No. B-50,

Grandeur Park Apartment,

J-Park Mahanagar Extension,

Lucknow-226006.

E-Mail: gkmedicalsengineers@yahoo.com**Subject :** Supply Order for Tender No. E-4122/Gas Analyser Automatic for CO2, O2, N2.**Reference:** 1. Tender No. E-4122/HBPCL/PC/Gas Analyser Automatic for CO2, O2, N2/2021-22.

2. शा.नि.क्र. : यंसाख-२०२१/प्र.क्र.१७८/प्रशा-१ दि. १८ मे, २०२१.

3. Sanction of Tender Approval Committee Meeting No. 135 Dated 24.12.2021.

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.	Gas Analyser Automatic for CO2, O2, N2 Make: ADInstruments. Model : PowerLab 26T with Gas Analyser & accessories	As per Annexure X	03	34,77,280/-	1,04,31,840/-
Total amount in words: Rupees One Crore Four Lakhs Thirty One Thousand Eight Hundred Forty Only.					
Factory Location: ADInstruments Pty. Ltd. Unit 13, 22 Lexington Drive Bella Vista New South Wales 2153 AUSTRALIA					

- 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. 1,56,478/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 3,12,955.2/-** 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


General Manager

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

या. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता

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, 1. Government Medical College & Hospital, Satara. 2. Government Medical College & Hospital, Alibag & 3. Government Medical College & Hospital, Sindhudurg.: 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

Specification for Gas Analyser Automatic for CO₂, O₂, N₂.	
•	Should have highly sensitive oxygen and carbon dioxide sensor with adequate variable flow range for best performance and results. Should measure VO ₂ , VCO ₂ , RQ, VE, spirometry/ flow volume along with other physiological parameters etc.
•	The system should be interfaced to computer (latest configuration) with 19" Color LCD/TFT monitor, printer and Computer Table Required.
•	Facility to perform complete heart rate variability analysis (Time & Frequency domains, Cardiac axis/VCG/Vector analysis and Automated ECG Analysis during exercise,
•	The system should be able to record & measure VO ₂ oxygen consumption, VCO ₂ carbon dioxide production, VE Expired minute volume, RER respiratory exchange ratio, ECG, HRY, Body Temperature and Pressure Saturate BTPS, Standard Temperature and Pressure Dry STPD, (VE / VO ₂), (VE / VCO ₂) etc. and should generates a number of Metabolic graphs.
•	Should have high sensitive oxygen, carbon dioxide sensor with adequate variable flow range for best performance and results.
•	The automatic online and offline analysis of Heart rate variability in Time domain & Frequency domain.
•	The system should simultaneously record and analyses all the required parameter in a, single screen for interpretation and computation of results.
•	Should have a noise free wireless multichannel ECG, R-R interval, Heart Rate, Skin temp, GSR, Registration rate, SPO ₂ , PPG Accelerometer activity integrated into the system.
•	The range of wireless parameters should be 100 meters or above for real time recording and also have logging mode up-to 8-12 hrs as well.
•	Both wires and wireless equipment should work simultaneously as well individually on same software as per user demands.
•	The system should be provided with physical mixing chambers suitable for extremely high and low ventilation ranges.
•	Accessories:- Mouth piece, head gear, tubing and flow sensors, mixing chamber connectors, ECG electrodes, cream, paste, filters and Douglas bags to be provided.
•	Free Software upgrades and updates should be provided for next 5 years.
•	It should be supplies or interfaced with a compatible Treadmill.
•	Medical grade treadmill driven by 3 HP German Technology motor with apprehensive safety features and Antistatic belt.
•	Treadmill interface to the computer should be RS232.
•	Treadmill walking area should be at least width 500mm, length 1400 mm.
•	Treadmill elevation control should be variable 0 to 22%.
•	Treadmill should take patient load up to 150 Kgs.
•	Treadmill should immediately stop with the help of emergency switch.
•	System must be provided with Trolley to keep portable equipment Safety. <ul style="list-style-type: none"> ➤ Manufacturer should have ISO certification for quality standards ➤ CE/FDA/IEC/BIS, ISO and other safety certificates must be provided. ➤ Demonstration of the equipment's & necessary training to be provided by the exports if required.

Consignee Details

M/s. G. K. MEDICALS & ENGINEERS		
Gas Analyser Automatic for CO2, O2, N2		
Make: ADInsturuments.		
Model : PowerLab 26T with Gas Analyser & accessories		
Delivery Period	12 weeks	
PO Ref. No.	No.: 6053 /Haffkine/Procurement Cell/E-4122/Gas Analyser Automatic for CO2, O2, N2/ 2021-22.	
	Date: 30.12.2021	
प्रशासकीय मान्यता निधी १,०४,३७,८४०/- राज्य योजना २०२१-२२		
Sr. No.	Name & Address of the Consignee	Oty. (DMER)
1.	Government Medical College & Hospital, Satara.	01
2.	Government Medical College & Hospital, Alibag.	01
3.	Government Medical College & Hospital, Sindhudurg.	01
Total :		03


General Manager - 1

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

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