



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 ९९,६२,४००/- राज्य योजना २०२१-२२	No.: 6052 /Haffkine/Procurement Cell/E-4121/ Gas Analysis Apparatus, Halden's Student Type/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-4121/Gas Analysis Apparatus, Halden's Student Type.

Reference: 1. Tender No. E-4121/HBPC/PC/Gas Analysis Apparatus, Halden's Student Type/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 Analysis Apparatus, Halden's Student Type Make & Model: ADInsturments. PowerLab 26T with Gas Analyser & accessories	As per Annexure X	03	33,18,799/-	99,56,397/-
Total amount in words: Rupees Ninety Nine Lakhs Fifty Six Thousand Three Hundred Ninety Seven Only.					
Factory Location: ADInsturments 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. 1,49,346/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 2,98,692/-** 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 Analysis Apparatus, Halden's Student Type

Gas Analysis apparatus, Halden's Students type:

Technical Specification:-

- Should be supplied with multichannel recording unit with sampling rate of 100 KHz per channel and option for variable sampling speed on each channel.
- ADC resolution of 16 bits on all gain ranges.
- Facility for recording ECG leads, (I,II,III, aVL, aVF, aVR and V1 to V6) for real time cardiac axis/VCG/Vector analysis and Automated ECG Analysis during exercise etc.
- Amplifiers & Transducers for ECG, Spirometer with respiratory flow head and mouth pieces. Pulse, respiration rate, Heart rate, hand dynamometer, Blood pressure, heart sound etc.
- The Software should calculate VE Expired minute volume, V02 oxygen consumption, VC02, carbon dioxide production, RER respiratory exchange ratio, ECG, HRV, Body Temperature and Pressure Saturate BTPS, Standard Temperature and Pressure Dry STPD, (VE I V02), (VE / VC02) etc. and should generates a number of graphs like Metabolic Log Window, VE(BTPS) vs. V02, VE (BTPS) vs. VC02, VC02 vs. V02, RER vs. time, V02 vs. time, VC02 vs. time VE (BTPS) vs. time.
- The Software should have experiment for Energy Expenditure and Exercise to investigate and gas exchange at different level of exercise.
- The software should have step by step instructions and videos for performing the experiment for students.
- Accessories:- Mouth piece, head gear, tubing and flow sensors, mixing chamber connectors, ECG electrodes, cream, paste, filters and Douglas bags to be provided.
- Compatible Computer/ Laptop & trolley should be provided.
- Gas Analyser should have an Oxygen sensor with minimum range of 5-100% oxygen and resolution of at least, 0.02% or better & the carbon dioxide sensor with minimum range 0-10% of carbon dioxide and resolution of at least 0.1 % and variable flow range of 35-200 ml/min for best performance and results and must have following specifications.
Operating Temperature Range: +5 to 40°C
Humidity: 0 to 90% non-condensing
- Should be supplied with Gas Mixing Chamber, tubing and connecting tubing's and cable.
- Must have an analogue output for connecting it to other third-party transducers and sensors.
- Bicycle ergometer with integrated RF receiver for chest belt and integrated training programme including (Heart rate controlled, constant load and interval training etc.)
- Load range from 6 to 450 watts, patient weight up-to 160kg
- The instrument should be approved to IEC/CE and other safety standards.
- Manufacturer should have experience of Manufacturing & Installation of the quoted product for at-least 05 years. Documentary proof should be attached.
- CE/FDA/IEC/BIS, ISO and other safety certificates must be provided

Consignee Details

M/s. G. K. MEDICALS & ENGINEERS		
Gas Analysis Apparatus, Halden's Student Type Make & Model: ADInstruments. PowerLab 26T with Gas Analyser & accessories		
Delivery Period	12 weeks	
PO Ref. No.	No.: 6052 /Haffkine/Procurement Cell/E-4121/Gas Analysis Apparatus, Halden's Student Type/ 2021-22. Date: 30.12.2021	
प्रशासकीय मान्यता निधी ९९,६२,४००/- 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

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

या. व्यवस्थापकीय संचालक यांच्या मान्यतेने व करिता