

**HAFFKINE BIO PHARMACEUTICAL CORPORATION LIMITED****Procurement Cell****( A Government of Maharashtra Undertaking)****Regd. Office : Acharya Donde Marg, Parel, Mumbai 400 012 (INDIA)**

<b>Phone No: 022- 24129320-23</b> <b>Managing Director :022-24150628</b> <b>General Manager (Procurement Cell) :022-24100478</b>	<b>Website : http://www.vaccinehaffkine.com</b> <b>E-mail: procurementcell@haffkinemumbai.com</b> <b>No.: 6051 /Haffkine/Procurement Cell/E-4120/Polygraph/2021-22.</b> <b>Date: 30-12-2021</b>
<b>दि: १८.०५.२०२१ प्रशासकीय मंजूर निधी</b> <b>८९,०४,०००/- (State Plan २०२१-२२) (Qty.- 03)</b>	

To,  
**M/s. G. K. Medicals & Engineers,**  
Flat No. 105, Plot No B-50,  
Grandeur Park Apartment, J-Park,  
Mahanagar Extension, Lucknow - 226006.  
Contact No.: 9695606629.  
**E-Mail: gkmedicalsengineers@yahoo.com**

**Subject : Supply Order for Tender No. E-4120/Polygraph.****Reference: 1. Tender No. E-4120/HBPCL/PC/Polygraph/2021-22.****2. शासननिर्णय, क्रमांक - यंसाख-२०२१/प्र.क्र.१७८/प्रशा-१**  
**दिनांक : 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.

<b>Sr. No.</b>	<b>Name of the item</b>	<b>Specification of item</b>	<b>Quantity / Unit (DMER)</b>	<b>Unit Rate inclusive of GST(Rs.)</b>	<b>Total Amount Rs.</b>
<b>1</b>	<b>Polygraph</b> <b>Make : ADInstruments</b> <b>Model : PowerLab 26T</b>	<b>As per Annexure X</b>	<b>03</b>	<b>29,62,400/-</b>	<b>88,87,200/-</b>

**Total amount in words: Rupees Eighty Eight Lakhs Eighty Seven Thousand Two Hundred Only.****Factory Location: ADInstruments Pty Ltd, Unit 13, 22 Lexington Drive, Bella Vista, New South Wales 2153, Australia.**

- 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 there of, 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. 1,33,308/-** of order value to meet other incidental expenditure and 3% i.e. **Rs. 2,66,616/-** 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, Government Medical College, Sindhudurg, Government Medical College, Satara & Government Medical College, Alibag.:** 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

<b>Technical Specifications of POLYGRAPH</b>
<b>The system should be able to record and analyse.</b>
<ul style="list-style-type: none"> <li>• Pulse, PPG, blood pressure, ECG, Pulse Transit time, Forearm Plethysmography Heart Rate Variability [HRV].</li> <li>• ECG Multi leads configurations for real time cardiac axis/VCG/ Vector Analysis &amp; Automated ECG Analysis.</li> <li>• Digital microphone for heart &amp; lung sounds studies.</li> <li>• SP02, Acceleration (3 axis), Activity, GSR &amp; Temperature, EEG, EMG, NCV etc.</li> <li>• Dynamometer to study Hand Grip Test.</li> <li>• EOG and EGG amplifier to be provided along with accessories.</li> <li>• Four force plates-based balance board for static posturography or body Sway studies.</li> </ul>
<b>Hardware Specifications:</b>
<ul style="list-style-type: none"> <li>• Simultaneous real time recording for at least 10 and more parameters.</li> <li>• High speed USB based 4 channel Data recording unit with 24 bits resolution on each channel.</li> <li>• Simultaneous real time recording for at least 10 and more parameters.</li> <li>• Maximum sampling rates :- 400 KHz (aggregate)</li> <li>• Two channels each for bio-potential recording &amp; constant voltage stimulator</li> <li>• Isolated Stimulator Output Channels</li> <li>• Pulse duration: 50-200 <math>\mu</math>s (software-selectable) And Output current: 0-20mA</li> <li>• Pulse rate: Software-selectable, to a maximum of 20 Hz and 200 <math>\mu</math>s for safety.</li> <li>• Should have Fully Isolated Stimulator for Constant current &amp; Voltage stimulation output range (0-20 mA) with pulse duration: 50-200 <math>\mu</math>s.</li> <li>• Must have preferred parameters for wireless monitoring ECG, SPO2, PPG, Respiration, GSR and Temperature with data logging and real time acquisition &amp; analysis mode in at least 80m range in Lab and/or field.</li> <li>• The software should have step by step instructions, protocol and experimental design for performing various experiments in physiology teaching applications.</li> <li>• Facility for automatic analysis in while data recording and after recording for ECG, Heart Rate Variability, Blood Pressure, Peak analysis, Spectrum analysis, etc.</li> <li>• Should have option for Mathematical function, Statistical analysis, and export options to other software like MATLAB, Excel, Quick Time, Wav, Text, etc. online as well as offline for desired interpretation of the data.</li> <li>• Software must have Simple Chart View, Scope View, XY View, Zoom View, FFT, Spectrum, averaging view etc.</li> <li>• The software should provide an easy file sharing option to a distant user with-out involving any cost with a 5 year of free updates and upgrade.</li> <li>• Transducers &amp; Accessories – Pulse Transducer, Respiratory Belt Transducer, Sphygmomanometer, Push Button Switch. 5 Lead Shielded Bio Amp Cable. Shielded Lead Wires (5 snap-on ), Reusable ECG Electrodes, ECG Flat Electrodes, Dry Earth Strap. Headphone, Hand Dynamometer, Stimulating Bar Electrode, Cardio Microphone, Disposable ECG Electrode (1000 Pack), Abrasive Gel, Electrode Cream, Electrode Paste (3 pack), Alcohol Swabs (1000 pack), IR finger plethysmograph and Galvanic skin response &amp; temperature Kit, Wireless Heart Rate variability Kit with minimum 3 belts of appropriate sizes.</li> <li>• Response Meter with slide control with a 10-point Likert scale to provide the subject with ability to quantify their Response to a range of different stimuli.</li> <li>• Reflex and reaction experiment with Tendon Hammer and Twin Axis Goniometer (Hip/Knee) joints with Full scale range: <math>\pm 150^\circ</math> and Repeatability: better than <math>\pm 1^\circ</math></li> <li>• Compatible Desktop Computer (15, 4GB RAM, 1TB HDD, 20 inch Monitor , Windows OS), Printer and 1kVA UPS.</li> </ul>
CE/FDA/IEC/BIS, ISO and other safety certificates must be provided.

Consignee Details

M/s. G. K. Medicals & Engineers		
Polygraph		
Make : ADInstruments & Model : PowerLab 26T		
Delivery Period	12 weeks	
PO Ref. No.	No.: 6051 /Haffkine/Procurement Cell/E-4120/ Polygraph/ 2021-22. Date: 30.12.2021	
	दि: १८.०५.२०२१ प्रशासकीय मंजूर निधी ८९,०४,०००/- (State Plan २०२१-२२) (Qty.- 03)	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Government Medical College, Sindhudurg.	01
2)	Government Medical College, Satara.	01
3)	Government Medical College, Alibag.	01
	Total	03

  
General Manager

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

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