



**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.: 3787 /Haffkine/Procurement Cell/E-1324/ Repeat Order  
/Horizontal Cylindrical High Pressure Steam Sterilizer /2019-20

Date: 24/07/2020

To,

M/s. Precision Electronics Instruments & Components,

17, Ranvir Building, 66/70,

Princess Street, Mumbai 400 002.

E-Mail: prelinco@gmail.com

sital\_shah@yahoo.com

**Subject :** Supply Order for Tender No. E-1324/Horizontal Cylindrical High Pressure Steam Sterilizer

**Reference:** 1. Tender No. E-1324/HBPCL/PC/Horizontal Cylindrical High Pressure Steam Sterilizer/2019-20

2. Sanction of Tender Approval Committee Meeting Dated 01.07.2020

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       | Horizontal Cylindrical High Pressure Steam Sterilizer<br>Make: PRECISION<br>Model: PEIC IS 9829 (Part-1) | As per Annexure X     | 02                    | 6,84,990/-                      | 13,69,980/-      |

**Total amount in words: Rupees Thirteen Lakh Sixty Nine Thousand Nine Hundred Eighty Only.**

**Factory Location: Precision Electronics Instruments & Components, 21, 20 & 4, Shamroz Industrial Estate, Ram Mandir Road, Goregaon West, Mumbai-400104.**

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- Delivery Period:** Considering the Covid-19 situation delivery should begin immediately and should be completed within 7 days.
- 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.

- 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 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.

- 12 The Bidder should submit (within 7 days) amount of 1.5% ie. **Rs. 20,550/-** of order value to meet other incidental expenditure and 3% i-e **Rs. 41,100/-** as Security Deposit in form of Bank Guarantee. The Bank Guarantee Should be Valid for 2 months 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.<br>(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



**(Dr. Rajesh Deshmukh)**  
**Managing Director**

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

**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, Akola. : 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

| Sr. No. | Technical Specifications  |
|---------|---|
| 1.      | Horizontal Cylindrical High Pressure Steam Sterilizer manufactured as per BIS specification NO. IS 3829 (Part I)-1978, with the latest amendments & bearing ISI mark IS: 3829 (Part I).<br>SHAPE & DIMENSION: CYLINDRICAL 500mm x 1200mm – 18KW   |
| 2.      | <b>Mode Of Heating</b><br>Electrically heated by immersion heaters wired for operation on 3 phase 4 wire, 400/440 V 50Hz AC supply  |
| 3.      | <b>Working Pressure</b><br>201.bs./sq. inch, 1.26 kgf/cm <sup>2</sup> .   |
| 4.      | <b>Operating Pressure</b><br>1.05 + 0.15 kgf/cm approx. (20 psi)  |
| 5.      | <b>Operating Temperature</b><br>About 121°C   |
| 6.      | <b>Exhaust</b><br>Fast exhaust within 7 minutes & SLOW EXHAUST from 7 to 30 minutes   |
| 7.      | <b>Hydrostatic Test</b><br>The shell is subject to hydrostatic test to twice the working pressure   |
| 8.      | <b>PERFORMANCE:</b><br><b>The sterilizer shall be capable of performing the following operations constituting one full cycle of sterilization</b><br>Generate steam & build up working pressure in the jacket, without admitting it to the chamber. Admit steam to the chamber & allow it to build up to the working pressure and temperature (maintaining pressure in the jacket) & retaining working temperature for 2 hours; Exhausting the chamber pressure, retaining the jacket pressure ; and drying of load in chamber (If required) through the circulation of dry filtered air entering through a drying system |
| 9.      | <b>Dished door:</b><br>Fitted with dished door SS-316 & brass hinges, with SS radial arms to manipulate smoothly by well-insulated handles, and shall have gunmetal Door Locking Assembly & automatic Pressure locking device to provide complete safety to the operating personnel against any explosives opening of the door under high pressure. Provision is made to tighten the dished door while in locked position. A moulded steam and heat resistant silicon joint less gasket shall be fitted to the door.  |
| 10.     | <b>Material of Construction</b><br>a) Chamber & Back plate: SS sheet of grade (04Cr17NI9MO2) 316 non-magnetic- 10 SWG<br>b) Jacket: SS Sheet of grade(04Cr17NI9MO2) 316 on-magnetic- 12 SWG<br>c) End Ring: SS 304 non-magnetic- 10 mm<br>d) Connections & piping: Made of Stainless Steel having bright finish<br>e) Dished Door: SS 14/16mm thick<br>f) outer Cover: SS Sheet 304 Quality   |
| 11.     | <b>Operating Valve</b><br>To control the cycle of sterilization as per ISI standards.   |
| 12.     | <b>Safety Valve</b><br>As a pressure switch for controlling pressure is provided on jacket, spring-loaded safety valve is provided to jacket as a safe guard against excess pressure in the jacket  |
| 13.     | <b>Ejector</b><br>A powerful ejector system to create partial vacuum, which shall help in quick drying  |
| 14.     | <b>Drying system (Vacuum)</b><br>Allows dry filtered hot air into the chamber during drying cycles  |
| 15.     | <b>Vacuum Breaker</b><br>Prevents formation of accidental vacuum in jacket due to steam condensation  |

|     |   |
|-----|---|
| 16. | <b>Plug Screen</b><br>Fitted in chamber, prevents the chamber from clogging with lint & sediment  |
| 17. | <b>Dial Thermometer</b><br>Indicates the working temperature in the chamber accurately  |
| 18. | <b>Pressure Gauge</b><br>Indicates the actual pressure of steam in the jacket   |
| 19. | <b>Compound Gauge</b><br>Indicates the vacuum & pressure in the chamber   |
| 20. | <b>A Pocket (a thermograph)</b><br>The provision to fit the build for the temperature recorder  |
| 21. | <b>Steam trap &amp; check valve</b><br>Fitted into the discharge line for automatic removal of residual air & condensate to give optimum sterilization temperature  |
| 22. | Fitted to underside of shell. Boiler shall be fitted with <ul style="list-style-type: none"> <li>- Immersion type heating elements 18KW load</li> <li>- A low water protection for heaters provided to cut off electricity supply to heaters through a vertical level device magnetic air break contactor if the water level runs below heater level</li> <li>- Water level gauge glass indicates level in boiler (capable of self-locking in case breakage)</li> <li>- Water inlet with non-return valve &amp; drain valve, etc.</li> <li>- Pressure control device to control &amp; keep pressure constant in the jacket</li> <li>- Boiler plate (10/12mm) &amp; nuts &amp; bolts shall be of STAINLESS STEEL.</li> <li>- An extra pressure gauge &amp; safety valve is provided in the boiler</li> <li>- In addition, equipped with Toggle Switch &amp; indicating RED &amp; GREEN Lamp</li> </ul> It should be CE & US-FDA approved |
| 23. | Tray (SS): Provided in the chamber of suitable size<br>The whole unit shall be mounted on a tubular pipe stand duly painted with best heat resisting paint.<br>The unit shall be made as per ISI specifications No. IS:3829 (Part I) & bear ISI mark IS 3829 (Part I)   |
| 24. | Installation (Including plumbing, drainage & electrical connections) should be done by supplier   |

### Consignee Details

|   |   |             |
|---|---|-------------|
| <b>M/s. Precision Electronics Instrument &amp; Components</b> |   |             |
| <b>Horizontal Cylindrical High Pressure Steam Sterilizer</b>  |   |             |
| <b>Make: PRECISION Model: PEIC IS 9829 (Part-1)</b>           |   |             |
| <b>Delivery Period</b>  | <b>07 Days</b>  |             |
| <b>PO Reference No.</b>                                       | No.: <b>3787</b> /Haffkine /Procurement Cell / E-1324/Horizontal Cylindrical High Pressure Steam Sterilizer /2019-20<br>Date: <b>24/07/2020</b> |             |
| <b>Sr. No.</b>  | <b>Name &amp; Address of the Consignee</b>  | <b>Qty.</b> |
| <b>1)</b>   | <b>Government Medical College, Akola.</b>   | <b>02</b>   |
| <b>Total:</b>   |   | <b>02</b>   |

*Rajesh*

(Dr. Rajesh Deshmukh)

Managing Director

Haffkine Bio Pharmaceutical Corporation Ltd.

(Procurement Cell), Mumbai.