

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

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No.: 4184 /Haffkine /Procurement Cell/E-1386/Fully Automated Double Door Horizontal Rectangular High Pressure Steam Stabilizer/2020-21

Date: 13.01.2021

To,

M/s. Esteem Industries Inc.

2EF, EPIP, Phase-1,

Jharmajri Baddi,

Himachal Pradesh – 174103(H.P)

E-Mail: info@esteem.ind.in**Subject :** Supply Order for Tender No. E-1386/Fully Automated Double Door Horizontal Rectangular High Pressure Steam Stabilizer**Reference:** 1. Tender No. E-1386/HBPCL/PC/ Fully Automated Double Door Horizontal Rectangular High Pressure Steam Stabilizer/2019-20
2. Sanction of Tender Approval Committee Meeting Dated 27.11.2020

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	Fully Automated Double Door Horizontal Rectangular High Pressure Steam Stabilizer Make & Model : Esteem & ESTA-108	As per Annexure X	02	14,16,000/-	28,32,000/-
Total amount in words: Rupees Twenty Eight Lakh Thirty Two Thousand Only.					
Factory Location : Esteem Industries Inc., 2EF, EPIP, Phase-1 Jharmajri, Baddi, Solan (H.P.) – 174103 E-Mail: info@esteem.ind.in Himachal Pradesh, Baddi.					

- Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- Delivery Period:** 06 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 **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 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.

VACUUM PUMP
<ul style="list-style-type: none"> • Should be noise free • Should be of 1HP capacity or more (Single Phase.) • Should be able to build vacuum of 600mm of Mercury in about 5-7 mins. • Should be equipped with instruments like: <ol style="list-style-type: none"> 1. Non return valve 2. Ball Valve 3. Flexible Hose pipe 4. Wire, Toggle Switch, 8 Nipple & Rubber Mat. • Should be provided with necessary electrical protection.
PRESSURE PUMP FOR HIGH PRESSURE AUTOCLAVE
A Pressure pump of 0.5 for high pressure autoclaving should be incorporated in the system.
MATERIAL OF CONSTRUCTION:
<ul style="list-style-type: none"> • Chamber: Stainless Steel plate of 316L quality-6mm thick • Back Plate: Stainless steel plate of 316L quality-10mm thick • Jacket: Stainless steel plate of 304L quality-10mm thick • End Ring: Extension of jacket material. • Boiler (Steam Generator): Stainless Steel 304 quality-2.5mm thick. • Piping & Connections: Made of Stainless Steel having bright finish. • Dished Door: Stainless Steel- 304 quality-12mm thick • Insulation: Glass wool- 100mm. • Outer Cover: Stainless Steel Sheet of SS 304 quality 21/22 Swg • Door Hinges: Stainless Steel Plate of SS 304L quality-10mm
DISHED DOOR: The Sterilizer should be fitted with one Dished Door. The Dished Door should be provided with the radial arms of SS-304 25mm to manipulate smoothly by well- insulated handles and should have automatic pressure locking device to provided complete safety to the operating personnel against any explosive opening of the door under high pressure. The dished door should lock positively when pressure in the chamber is 0.35 kgf/cm ² or more and the lock should not be released until the pressure falls below 0.35 kgf/cm ² or less. Provision should be made to tighten the dished door while in locked position. All rectangular sterilizer should have an additional manual lock. A moulded steam and heat resisting silicone rubber gasket one piece without joint should be fitted to the door.
SAFETY VALVE: As a pressure switch for controlling pressure is provided on the jacket, spring-loaded safety valve should be provided to the jacket as a safe guard against excess pressure in the jacket.
EJECTOR: A powerful ejector system to create partial vacuum, which should help in quick drying.
ACCIDENTAL VACUUM BREAKER VALVE: Prevents formation of accidental vacuum in the jacket due to steam condensation.
PLUG SCREEN: Fitted in the Chamber, prevents the Chamber from clogging with lint and sediment.
DIAL THERMOMETER: Indicates the working temperature in the Chamber accurately.
PRESSURE GUAGE: Indicates the actual pressure of steam in the jacket.
COMPOUND GUAGE: Indicates the vacuum and pressure in the Chamber.
A POCKET (FOR THERMOGRAPH): The provision to fit the bulb for the temperature recorder.
STEAM TRAP, STRAINER AND CHECK VALVE: Fitted into the discharge line for automatic removal of residual air and condensate to give optimum sterilization temperature.
BAFFLE: SS Baffle for even stem distribution should be provided in chamber.


STEAM GENERATOR: Cylindrical type, fitted to underside of jacket. It should be fitted with:

- Immersion type heating elements 3 Nos. of 6 KW (Total 18kW load)
- A Low water protection for heaters provided to cut off electricity supply to heaters through a Float level switch and Magnetic air break contactor if the water level runs below heater level.
- Water Level gauge glass indicates level in boiler (capable of self-locking in case breakage.)
- Water inlet with non-return valve and drain valve etc.
- Pressure control switches to control and keep pressure constant in the Jacket.
- Feed Water System with sensor for Low level & High Level. The Motor should start automatically as and when the water level goes down & stop when the water level goes up.
- Boilerplate (10/12mm) & Nuts and Bolts should be of STAINLESS STEEL.
- Boiler should be covered in asbestos sheet & covered in SS sheet, to minimize heat loss.
- An extra pressure gauge and safety valve is provided in the boiler.
- In addition, equipped with Toggle Switch and indicating RED & GREEN Lamps.

Consignee Details

M/s. Esteem Industries Inc.		
Fully Automated Double Door Horizontal Rectangular High Pressure Steam Stabilizer Make & Model : Esteem & ESTA-108		
Delivery Period	06 weeks	
PO Reference No.	No.: 4184 /Haffkine/Procurement Cell/E-1386/Fully Automated Double Door Horizontal Rectangular High Pressure Steam Stabilizer/2020-21 Date: 13-01-2021	
Sr. No.	Name & Address of the Consignee	Qty.
1)	Government Medical College & Cancer Hospital, Aurangabad.	02
Total:		02

ॐ. व्यवस्थापकीय संचालक यांच्या मान्य दिप्ती नुसार


(Dr. R. M. Kumbhar)

General Manager-1

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