

**Quotation**

No.JJH/PUR/Qut/ Vida- Horizontal High Speed stem Sterilizer Single Door/V3552026

Office of the Dean,

Sir J.J. Group of Hospitals, Mumbai.

Date : 13/02/2026

To,  
M/s. -----Sub : Purchase of Vida- Horizontal High Speed stem Sterilizer Single Door for General Surgery  
Departments of Sir J.J. Group of hospitals, Mumbai 400 008.

Dear Sir,

Sealed quotation is invited to supply the following material for this hospital. Your sealed quotations should be reach this office on or before 28/02/2026

The rate should be quoted for the Sami Automated Analyzer specified below. The rate other than the specified will not be considered. Kindly mention Product MRP, Old RC Rate if any &amp; Rate at which supply is made to Government hospital / BMC / other institute (with supporting documents) in your quotation. Please quote this office reference on the top of the envelope with due date.

No	Name of Item	Required Qut.	Specification	Total Cost (Including GST)
01	Vida- Horizontal High Speed stem Sterilizer Single Door	01	<p>Vida-Horizontal High Speed Steam Sterilizer Single Door (Manual) Size: 20" x 48" Quality: S.S. 316 Litre Capacity-250 litres Power Consumption: 18 KW Working Pressure: 32 PSI/21PSI Working Temperature: 134/121 Degree Chamber Capacity: 4 Drums of 12" X 15</p> <p><b>TECHNICAL SPECIFICATION:</b></p> <ol style="list-style-type: none"> <li>Chamber 6 mm Thickness &amp; S. S. 316 quality.</li> <li>Doors are made of S.S. 316 quality &amp; 12mm thickness.</li> <li>Jacket S.S. &amp; 8 mm thickness</li> <li>1 No. Steam generator will be of 18k.w.</li> <li>Temperature Controller 121/134 degree</li> <li>Stand S.S.</li> <li>Hydraulic steam door locking system. (Bellows plate locking system removed in our new design)</li> <li>Door hinges and clutch nut assembly will be SS 304</li> <li>Limit switch provided for both side doors. Machine process will not start if door not closed properly</li> <li>1 HP Vacuum Pump and 0.5 HP water pump.</li> </ol> <p>Operating pressure up to 2.2kg/cm<sup>2</sup> All SS joints are argon arc welded. Outgoing pipes are all made of S.S. 304</p> <p>Two safety Valve and one temperature sensor will be present on autoclave jacket to control the steam exhaust. If pressure switch fails to do so moreover if safety valve fails to do same then present temperature Sensor will exhaust steam through pneumatic valve.</p> <p>Vacuum Breaker provided for entry of sterile air from sterile zone with 0.3 micron air filter.</p> <p>Steam Pressure lock hydraulic device for the door. Pressure Switch provided to prevent accidental build-up of pressure</p> <p>Steam trap incorporated for rapid and complete elimination of air.</p> <p><b>Steam Generator:</b> Front and back plate made of SS 304 and argon arc welded. Front Low plate provided with SS bush for easy access of heaters. water cut-off system for the safety of heaters. Rapid Heating/Cooling.</p> <p>On water level digital sensor in boiler will measure 6 level accurately add on if there accurately. Glass tube water level indicator provided.</p> <p><b>2- Automation Thermal PLC Based Control System for Steam Sterilizer with Printer</b> PLC for Process control. - HMI 7.5" Color Touch Screen. - Limit switch provided for both side doors. Machine process will not start if door not closed properly - 1 HP Vacuum Pump and 0.5 HP water pump. - Power Converter/Supply. - Pneumatically Operated Solenoid Valves. - Pressure and Vacuum Sensor (Chamber) - Temp. Sensor. (PT 100) (Chamber / Jacket) - Digital displays of Chamber Pressure, temperature, cycle no., Batch no., Time &amp; date, alarm indicator, Low water indicator. - Provision of 'error code analysis' inbuilt. - 1 HP Vacuum Pump and 0.5 HP water pump. 1 VLT (single cycle) To check chamber vacuum leak. Vacuum hold time start at max set point &amp; If not goes at low set points cycle will be pass. If goes low cycle will be aborted 2) Bowie &amp; Dick (single cycle) To pass paper &amp; hollow bowie - Dick tests. This cycle is more helpful for orthopedic surgeries due to repeated air removal pulses. It removes air pockets from hollow instruments i.e. reamers. 3) Warped Cycle (four cycles) Specially used for warped instruments. Temperature and time can be changed as required For Lightly warped load Temp 121c 10 minutes holding time Temp 134c 05 minutes holding time For Heavily warped load Temp 121c 12 minutes holding time Temp 134c 07 minutes holding time 4) Unwrapped Cycle (two cycles) Specially Temperature used for unwrapped instruments i.e. drums only. 121c and time can be changed as required 08 minutes. 134c 04 minutes. 5) Flash Cycle (single cycle) Used only for open instruments 121c 08 minutes. 134c 04 minutes. • Printer: Printer that shall automatically and continuously monitor and record dates, time of day, load, identification no. and operating parameters. - PLC based automation is the latest and proven technology in the field of Sterilization combining automation and - information together. - It is based on real-time instrumentation, which involves Controlling and Recording together. - It is very compact, user friendly and simple in operation. - Operator has to press only 1 key to start the sterilization. - PLC runs the entire sterilization process cycle - Automatically with an accurate control of the process parameters. - User can design or set the process parameters like temperature, pressure, and vacuum &amp; time very easily.</p>	

		<p>Design facility is password protected.</p> <ul style="list-style-type: none"> <li>- Sterilization cycle includes Steam pulses (vacuum pressure-exhaust), Sterilization, chamber exhaust and Air-cooling. (or as per the requirement of the client)</li> <li>- It provides dual - Auto/Manual facility on the same control panel.</li> <li>- The system is user friendly, flexible, secured with password Protection.</li> <li>1) Auto water filling High pressure pump of 0.5 HP</li> <li>2) Machine Works on automation through "PLC". Timing</li> <li>3) in seconds &amp; minutes can be set through HMI.</li> <li>4) Water is injected into the boiler under pressure.</li> <li>5) No need to empty the Jacket &amp; Boiler steam.</li> <li>6) Saves steam, saves energy, Electricity.</li> <li>7) Man hour is also saved. Boiler remains full of water after the last because of automation.</li> </ul>	
--	--	--	--

**Standard requirements:**

electrical peripherals required for smooth functioning voltage stabilizer and USP 1.5 KV should be provided. All accessories required for the functioning/routine maintenance of the equipment should be provided with the equipment.

2. Minimum 2 years comprehensive warranty on parts and labour with yearly 2 preventive maintenance visits and unlimited breakdown visits to be provided with equipment. Fixed annual and comprehensive maintenance charges for minimum 5 years post warranty period to be mentioned in commercial bid. Availability of spares/disposables for at least 10 years.

3. All consumables required for installation and standardization of system to be given free of cost. A calibration/validation certificate to be provided at the time of installation.

1. All

**अटी व शर्ती**

- 1 **Forwarding:** Forwarding Free on Road Destination. I.e. door delivery basis.
- 2 **Delivery Period:** 06 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 Dean, Sir J. J. Group of Hospital, 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 Dean, Sir J. J. Group of Hospital, Mumbai (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 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.

  
 Dean  
 Sir J.J. Group of Hospitals  
 Mumbai.

N.B.

1. The quotation will be accepted up to 5.00 pm on the working day.
2. The terms and conditions with delivery date should be mentioned.