

SPECIFICATIONS FOR BOWL STERILIZER- LARGE

BOWL STERILIZER - Large	
1	Description of function:
2	Bowl sterilizers are required to sterilize different types of Bowls and utensils used inhospitals. Sterilization is done by boiling water.
3	Functional requirement:
4	Sterilizers should work out of the vicinity of anesthetic gases.
5	Technical Specification:
6	Design: The sterilizer shall consist of a shell, having a pedal-operated lid at the upper end. It shall be designed to operate on electricity.
7	Dimension: 760mm (L); 500 mm (W); 480 mm (D)- Tolerance +/- 2%.
8	Materials: Shall be constructed from the following materials- SS- 1.25 mm thick; IS 1570, Brass- ½ hard; 2 mm thick- IS 410, Copper: ½ hard; 2mm thick- IS 1972 Construction:
9	Shell: The construction of the shell shall SS and be in accordance with the best practices and the seams shall be either argon-arc welded or brazed or folded and soldered. The vertical corners of the sterilizer shall be of any suitable radius but in any case, not under 13 mm.
10	Lid: This may be either plain or dished but, in any case, it shall not buckle, warp or twist Permanently with the load. It shall be of the same material as the shell and corners are rounded to suit those of the shell. It shall have flaps that shall restrict the condensate within the shell only even at the maximum opening of the lid.
11	Provision shall be made to connect the link end of the pedal Mechanism to open and close the lid at 80-85 degrees by the press of the pedal.
12	Connected to the lid shall be such a mechanism that when the lid is open, a bracket or rest for the bowl shall bring the tray well out of water even when the water is at overflow level. When the tray is loaded with 18 kg distributed uniformly the lid shall close slowly without a bang.
13	Stand: This shall be such in construction that it will withstand normal abuse in handling and transit Without any damage to it. Its height should be such that the overall sterilizer height shall be restricted to a convenient working of not less than 1070 mm. The stand design shall accommodate a control box.
14	The sterilizer shall have a provision for water inlet supply with a valve cock to cut off the supply

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	When desired and a suitable overflow to drain shall be provided.
15	A drain-out connection shall be provided with a valve cock to facilitate the draining of water when desired.
16	A thermostat shall be provided with a cut-off at 99 degrees C.
17	It shall have a 12 KW of three-phase load.
18	Shall comply with IS 5035.

Conditions for tenderer:

1. All accessories should be from the same Original Equipment Manufacturer for the main unit.
2. Instruments must be ISO certified and a copy should be enclosed. (The ISO Certificate must be issued by any organization accredited by the Bureau of Indian Standard or accredited by the international accrediting forum "IAF" (Certificate to be attached).
3. Should be USA FDA and/ or European CE be approved by 4 digits notified body.
4. Other necessary certifications if any required will be provided by the bidder for the smooth functioning of the machine.
5. Installation process should be performed by O.E.M trained service engineers/ service representatives on OEM letterhead or Service Report within 15 days of supply, with the mandatory provision of providing preventive services visit of OEM trained Service Engineer/ Service Representative quarterly per year till the completion of warranty period (i.e., 20 visits for the first 05 years) & further quarterly visits (04 visits/year) year till the completion of CMC period.
6. The equipment should have a Brand name/ Model Number embossed/etched on the equipment.
7. All the technical specifications in the compliance statement must be supported by Original Literature from the firm/ O.E.M with highlighting Numbering & flagging of all technical certificates.
8. Offered Equipment should have a strong Government Installation base.
9. Offered Equipment should have a Regional Sales Service Centre of the Original Equipment Manufacturer in the region for a 95 % uptime guarantee.
10. For the offered main unit, the essential, optional required consumables'/accessories' shelf life should be declared on the Original Equipment Manufacturer's letterhead.

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11. In case of technical snag/failure/breakdown the response time for the inspection should be within 24 hours and repair within 05 days otherwise provide a service machine/ alternate arrangement to be made till the period of recovery of the breakdown of the unit, failing which attracts penal action as per the decision of institute/ hospital.
12. For offered equipment the Training of technical staff and users should be performed by Original Equipment Manufacturer trained Service Engineers at the proper designated place- at bidders' cost.
13. Company should quote their latest model and need to provide an affidavit for the same.
14. As a tendering process the Demonstration of the offered Equipment is Mandatory at hospital/institute premises or other designated places at the bidder's cost.
15. The bidder must comply with the General Financial Rules and their modifications if any issued by the Government of India- 2017.
16. Any bidder from a country that shares a land border with India will be eligible to bid in the tender only if the bidder is registered with the Competent Authority (i.e., Registration certificate issued by the Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade- DPIIT after October 2020). If any such bidder is not registered with DPIIT they will be liable for technical disqualification.
17. Principal (OEM) must authorize only one agent to be quoted in the bid otherwise multiple quotes through different agents in the same bid will be canceled.
18. The Bidder and its OEM both have to submit a notarized affidavit on the Indian Non-Judicial Stamp Paper of Rs.100/- that the bidder has not quoted the price higher than the current financial year and last financial year supplied to any government Institute/ Organization/ reputed Private Organization. OEM also has to submit that the price quoted by the bidder in the bid is on its behalf and the lowest in the current and last financial year in the country. Therefore, if at any stage it has been found that the supplier and its OEM have quoted lower rates than those quoted in this bid; the Institute (the purchaser) would be given the benefit of lower rates by the Supplier and any excess payment if any, will become immediately payable to the Institute (the purchaser). If such an affidavit is not submitted, the bid will be outrightly rejected. (Part of technical bid).
19. Guarantee / Warranty Period: Separate offers of Comprehensive Maintenance Contract (CMC on main equipment) and Annual Maintenance Contract (AMC on

main equipment) for further 5 years after expiry of 5 years of warranty (i.e., 6th, 7th, 8th, 9th and 10th years) in rupees only (and on basis of percentage of price) should be included in a financial bid in the absence of which the offer is liable to be rejected. Payment for CMC/AMC shall be made only after the expiry of the warranty of 5 years, in case the Institute (the purchaser) decides for availing of CMC/AMC services. Contract for CMC/AMC shall be decided on expiry of warranty but rates (not more than 5% inclusive of all taxes for 6th to 10th year) will be frozen at the price of an issued purchase order before the release of payment by the Institute (the purchaser). However, the Institute (the purchaser) may decide not to enter into any CMC/AMC contract without assigning any reason for the same, which shall be binding upon the bid.

20. Should provide 5-year CMC. CMC cannot be more than 5% of the contract value.
21. System configured application-specific educational video tutorials shall be provided as standard with the system.
22. Details of service outlet in India to render services during 5 years warranty period.
23. The principals must give a certificate if the supplier/vendor is changed during the course of the guarantee/warranty period, the principals would be responsible for the upkeep/maintenance of the quote/supplied equipment, besides honouring all the terms and conditions of CMC/AMC in letter and spirit.

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