

# WEST BENGAL MEDICAL SERVICES CORPORATION LTD.

(Wholly Owned by the Government of West Bengal)

CIN: U85110WB2008SGC126373

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Memo No: WBMSCL/NIQ-129/2018

Date: 27.06.2018

## INVITING TENDER IN SEALED ENVELOPE FOR VARIOUS ITEMS TO BE USED FOR C& DST LABORATORY, BURDWAN MEDICAL COLLEGE & HOSPITAL

### Amendment-I

#### Technical Specification

##### Autoclave (Vertical)

1. With water level indicator, pressure gauge, steam release cock, spring loaded safety valve, Triple walled construction, all the three walls are made of thick high grade stainless steel sheet of SS-304 grade. The lid made of stainless steel sheet, Unit fitted with Double safety radial locking system with paddle lifting device, made of MS chrome plated, with built in safety valve, pressure gauge, pressure release valve and water level indicator. Pressure adjustable from 5 psi to 20 psi with an accuracy of +/- 1 psi, with automatic pressure control switch. Supply complete with stainless steel basket, chord and plug.
2. **Working Chamber:** Height x Internal Diameter: 500mm x 300mm with +/- 10% tolerance and electrically heated by immersion type heaters bearing ISI mark, to work on 220 volts single phase 50 cycles. The pressure inside the chamber is variable from 5 psi to 20 psi.
3. **Working Temperature:** 121°C, Hydrostatic Pressure: 2.5 kg/cm sq. (35psi), stainless steel steam release valve, spring loaded safety valve of stainless steel (grade SS-304), water inlet and water valves, water level indicating gauge glass with stainless steel guard; pressure gauge, electrical control box, fitted with toggle switch, indicating Neon lamps and steam release valve, foot paddle lifting device.
4. **Automatic Pressure Control Switch:** To cut-off the current from the heating elements, when the desired / set pressure value level is attained inside the chamber and restarts the mechanism once the pressure inside the chamber falls from the desired level.
5. **Automatic Water Cut-off Device:** To protect the heaters from running dry and to ensure that the machine is automatically switched off in case the desired water level falls below the prescribed level. Temperature Indicator to indicate the temperature

inside the chamber.

6. **Timer with Alarm System:** To regulate the sterilization time of the media to be sterilized with a buzzer.
7. **The product should be BIS approved.**

## Bottle Washing Machine

1. Electrically operated, with a quick release chuck taking a wide variety of interchangeable nylon brushes for cleaning syringes, test tube, McCartney bottles, and round bottles up to
2. 250ml. Mounted on a cast aluminium base with a perspex anti-splash shield, a white enamelled tray and incorporating a 1/16hp motor for 250V/50Hz single phase supplies.
3. Dimensions: (approx.) 62.5x27cmsx25cm. Approx. wt.: 50-60 kgs.
4. Accessories: Brushes, nylon, for round bottles capacity 30, 120, 250ml; brushes, nylon, for McCartney bottles - diameter 25mm.
5. The product should be CE / ISO 13485 : 2014 certified