INCUBATOR BABY

TECHNICAL SPECIFICATION

1. Should have advanced servo controlled micro processor based system.
2. Should have both skin and air modes of operation.
3. Should have user friendly touch sensitive control panel with large easy to read LED displays for air and skin temperatures.
4. The probes should be detachable type and should be interchangeable.
5. Should have memory back up to retrieve set data against power failure
6. Should have calibration free temperature sensors.
7. Should have humidity chamber and humidity measurement.
8. The air distribution system should have micro air filter
9. Should be provided with X-ray cassette holder.
10. Should have elbow operated ports.
11. The baby tray should have externally controlled up and down tilting facility and the tray should be withdrawable type.
12. The canopy should be hinged type.
13. Should have temperature low/high, probe failure, power failure, heater failure, air failure alarm.
14. The heater should automatically cut off at 39 degree Celsius irrespective of the set parameters.
15. Should have IV stand and observation lamp.
16. Should be mounted on four smooth running swiveling casters with integrated brakes.
17. The unit should be made of mild steel tubular structure pretreated and powder coated.
18. Should operate on mains supply 200 to 240V ac, 50 Hz
19. Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid.