



Notice Inviting e-Tender

West Bengal Medical Services Corporation Limited
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PROCUREMENT OF EQUIPMENT FOR 80 BEDDED NEONATAL INTENSIVE CARE UNIT (NICU) AT IPGMR, KOLKATA, 10 BEDDED NICU AT MURSHIDABAD MCH AND 10 BEDDED NICU AT DR. B.C. ROY PGIPS

(Submission of Bid through *online*)

Bid Reference No.: WBMSCL /NIT-452/2021

Dated –31.12.2021

(2nd call to Bid Reference No.: WBMSCL /NIT-427/2021 Dated –15.12.2021)

Revised specification of Whole body cooling and warming machine

1. It should have Servo-Control Complete Treatment Mode, Servo-Control Mode (Constant Rectal Temperature), Constant Mattress Temperature Mode
2. Weight : 7kg or more
3. Screen resolution:640 x 480 pixels
4. It must have US FDA /CE certification
5. Electrical power consumption: 1.5 A/ 230 VAC 3.1 A/ 110 VAC Max. 345 W
6. Noise output: 54 – 54.5 dB Mean Value 1 m Distance
7. Fluid capacity: 250 ml to 400 ml (Inner Tank) 500 ml (Fill Up Set)
8. Maximum circulating system pressure 0,5 bar
9. Fluid ingredients: alcohol (Ethanol), Methyl Ethyl Ketone (MEK) / distil water

10. Minimum fluid temperature: 12°C
11. Maximum fluid temperature: 39°C
12. Temperature constancy: $\pm 0,3^{\circ}\text{C}$
13. Temperature accuracy : $0,1^{\circ}\text{C}$
14. Body core temperature control range: a) 32°C....33,5°C...38°C b) 30°C....38°C
15. Maximum patient weight: 10 kg or more
16. It should have reusable rectal and skin probe
17. Adaptor cable for disposable probe (optional)
18. Reusable/ disposable cool wrap of polyurathne transparent, dimension 620 X 420 mm, volume 300-350 ml fluid, mass 220gm
19. Disposable cool wrap of polyurathne transparent, dimension 620 X 420 mm, volume 300-350 ml fluid, mass 220gm
20. Central and warming module
21. Hydraulic module for controlled circulating fluid
22. Microcomputer controlled operating and control board
23. Menu, user interface
24. Alarm and monitoring system
25. Data storage capacity: 2 GB