

No. IV-21011/7/2010-Prov-I  
Government of India  
Ministry of Home Affairs

26, Man Singh Road, Jaisalmer House,  
New Delhi, 1.7.2010

To

*11/06* *re.No-16/09*  
*on 01/3/10* *02/3* *16/09*  
The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D

Subject: - Specifications of various Medical/Hospital Equipments -regarding

Sir,

The Specifications for the following Medical/Hospital Equipments have been accepted and approved by the Competent Authority in MHA and the same are enclosed for information and Record:-

- 1) Glycosylated Hb Automatic Reader-Annex-A
- 2) Infant Open Care System-Annex-B
- 3) Refraction Unit-Annex-C
- 4) Auto Refractor-Annex-D
- 5) Embalming Machine-Annex-E
- 6) Oxygen Concentrator-Annex-F
- 7) Automated S. Electrolyte Reader-Annex-G
- 8) Dental Chair-Annex-H
- 9) Anaesthesia Work Station-Annex-I

2. Henceforth, all the CPMFs should procure the above items required by them strictly as per the laid down Specifications.

Yours faithfully,

*[Signature]*  
(S.B.Nanda)

Under Secretary to the Govt. of India

Encls: as above

Copy to:-

DD(Procurement),MHA

Copy for information to:-

PS to JS(PM),MHA

Annexure B

### Technical Specification of Infant open Care System

#### Dimensions:-

Width : Not more than 70 Cm  
Depth : Not less than 105 Cm  
Height : Not more than 200 Cm

#### Mattress Unit:-

Height from floor : Not more than 100 Cm  
Thickness : Not less than 5 Cm  
Width : Not less than 45 Cm  
Length : Not less than 60 Cm

**Power requirement:** Max Power requirement 220-230 V/50 Hz  
Examination light : 50W / 12 V Halogen Lamp.  
Electronics : High speed Micro Controller.  
Modes of operation: Pre-Warm, Manual, skin and Air.

#### Heating Alarms:-

Check Patient : 30 minutes in manual.  
Skin Temp. high :  $+0.5^{\circ}$  C from the set point.  
Skin Temp. Low :  $-0.5^{\circ}$  C from the set point.  
Air Temp. High :  $+0.5^{\circ}$  C from the set point.  
Air Temp. Low :  $-1^{\circ}$  C from the set point.  
Over Temperature :  $>39^{\circ}$  C (Skin / Air)  
Probe Failure : Short (or) open circuit / No probe  
System failure : Indicates system fail.  
Heater failure : If heater fails.  
Power failure : AC power interruption.

#### Controller:-

Skin set Temp. range : 30-38.3<sup>o</sup> C  
Air set Temp. range : 29-30<sup>o</sup> C  
Heater output : 0-100%, 10% increments.  
Skin / Air Temp. display : 18-43<sup>o</sup> C.  
Accuracy :  $\pm 0.2^{\circ}$  C (30<sup>o</sup> C to 43<sup>o</sup> C)  
Manual mode : System alert every 30 seconds.

Signature

- **Appar time** : Alert at 1, 5, 10, 15 and 20 minutes Selectable.
- Real Time** : Display indicates real time.
- High adjustment electrical : Telescopic motor (optional)
- Brightness control : High / Low intensity.
- Skin / Air Temperature display : 0.1 °C resolution.
- Heating element : Quartz IR heater (Standard)  
Ceramic heater (Optional)
- Mattress tilt : +/- 20 degrees.
- Heater Module Swivel : +/-90 Degrees.
- Brightness control : High / Low intensity.
- Castors : 4 Nos 5" (Antistatic with 2 brakes)
- Heater watts : 600 w
- Temperature probe : Skin / air thermistor based  
(Dual sensor technology)
- Accuracy : 0.2 °C.
- Interchangeability : 0.2 °C
- X-Ray Cassette Tray : L57xW35cm
- IV Pole : Suitable IV pole should be part of the equipment

**Swivel Monitor Shelf:-**

- Length : Not less than 30cm
- Width : Not less than 45cm
- Cabinet : (Optional)

**Halogen Phototherapy:-**

- Power requirements : 220-240 V/50 Hz
- Light output : > 12µ/W/cm<sup>2</sup>/nm at 85 cms distance
- Lamp : 12V, 50W quartz halogen white light  
(6 Nos).
- In-built electronic timer : Should be part of the equipment

**Resuscitation Module:-**

- Wall supply pressure : 40-75 psi (275-517 kpa)
- Cylinder pressure : 2-900psi max

**Patient Gas Supply:-**

- Flow control range : 0-15 LPM

*Beaulieu*

**Airway pressure limit:-**

Adjustable : 0-50cm H<sub>2</sub>O (0-4.9 kpa)  
Internal preset limit : 60 cms H<sub>2</sub>O (5.9 kpa)

**Auxiliary flow circuit:**

Auxiliary flow range : 0-15 LPM

**Auxiliary pressure relief:**

Fixed internal : 60cm H<sub>2</sub>O (15.7 kpa)

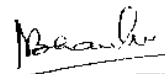
**Suction Circuit:**

Adjustable : 0-200 mm hg  
Reusable collection  
Container. : 500ml

**Quality / Test approval:**

Quality : ISO 9001-2000 or equivalent  
Electrical Safety : IEC 601-1

Presiding officer

  
\_\_\_\_\_  
(Dr. N.K. Bhambri, IG (Med))

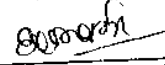
Member BSF

  
\_\_\_\_\_  
(Dr. Rohit Kumar, CMO)


Member CRPF

  
\_\_\_\_\_  
(Dr. C.K. Mishra, CMO, 27 Bn CRPF)

Member ITBP

  
\_\_\_\_\_  
(Dr. D.K. Verma, SMO)

Member SSB

  
\_\_\_\_\_  
(Dr. B.K. Nigam, CMO (SG))

Member

4 (67) 14

*Sandhya*

(Dr. Sandhya Thapliyal, MS (Gynae & Obs),  
SMO, ITBP)

Technically approved/not approved

~~24/11/09~~

ADG (Med), CPFs

