No. IV-2101.1/7/2010-Prev-I
Government of India
Ministry of Home Affairs

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

To

The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BP&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) Glycoalbumin Hb Automatic Reader-Annex-A
2) Infant Open Core System-Annex-B
3) Refraction Unit-Annex-C
4) Auto Refractor-Annex-D
5) Embolization Machine-Annex-E
6) Oxygen Concentrator-Annex-F
7) Automated S. Electrolyte Reader-Annex-G
8) Dental Chair-Annex-H
9) Anesthesia Work Station-Annex-I

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

Yours faithfully,

(S.B.Nanda)
Under Secretary to the Govt. of India

Encl: as above

Copy to:-

DD(Procurement), MHA
Copy for information to:-
PS to JS(PM), MHA
SPECIFICATIONS FOR OXYGEN CONCENTRATOR

GENERAL:
1. ABS injection-moulded cabinet
2. Size should not exceed 65 cm x 45 cm x 45 cm
3. Weight should not exceed 35 kgs

TECHNICAL:
- Oxygen-flow should be adjustable for rate of flow between 0-5 LPM
- Should have built-in atomizing device for nebulisation therapy
- Atomising pellet should be more than 0.5 ml/min
- Delivery of more than 99% pure oxygen
- Delivery pressure should be between 4.35 - 10.15 PSI
- Noise level should be less than 52 db (A)
- Gross Particle Cabinet Filter; Compressor Intake Filter & Bacterial Filter should be available
- In-built alarms for low pressure, high pressure and power failure
- Should work on 220 +/- 10% VAC; 50 Hz; 2 amps
- Power consumption should not exceed 500 W
- Should be able to work continuously and capable of being stored at temperatures ranging from 0° to 40° and relative humidity less than 85%
- Accessories will include Humidifier Bottle - 2 nos. and Nasal Canula with extension tubing - 2 nos.

DOCUMENTATION:
Operating manual will be supplied along with the equipment