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No. IV-17017/13/06-Prov.I
Government of India
Ministry of Home Affairs

Jaisalmer House, Man Singh Road,
New Delhi, 18.10.2006
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To
The DGs: Assam Rifles/BSF/CISF/CRPF/ITBP/NSG/SSB/BPR&D
Subject:- Finalization of QRs/specifications for Medical Equipments

The QRs of the following Medical Equipments to be procured under Modernization Plan have been finalized and accepted by the MHA:-

- (i) 500 mA X-RAY MACHINE
- (ii) FIBRO OPTIC ENDOSCOPES
- (iii) COMPLETE ELECTRONIC CONTROLLED DENTAL UNIT WITH ACCESSORIES U/S SCALER
- (iv) MRI PLANT (WHOLE BODY)

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

Yours faithfully,
Alok
(Alok Mukhopadhyay)
Under Secretary (Prov-I)

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Specifications For 500 mA X-Ray & Image Intensifier

1. X-Ray Generator

500 ma, 50 KW, High frequency, multipulse X-Ray generator with one, two & three point technique suitable for Radiography and Fluoroscopy, should have digital display of all parameters like KV, mA & n As.

2. X-Ray Tubes

Unit should have 2 Nos double focus rotating anode X-Ray tubes with a speed of more than 8500 rpm. 30 / 50 KW.

3. Column Stand

Column stand floor to ceiling 360° rotation, fully counter balanced with safety lock in case of wire failure.

4. X-Ray Table

Motorized X-Ray diagnostic table with 90° & 12° movements along with spotfilm device for cassette size 8" X 10", 10" X 12", & 14" X 14" with a grid 6 : 1, 40 lines / cm.

Counter balanced motorized bucky with bucky grid ratio 10 : 1, 40 lines /cm with electromagnetic lock.

Hand grip, Foot rest, Foot switch, Compression band, cones and scattered radiation guard should be quoted.

Motorized collimator and one manual collimator.

Firm quoting the above should have Regd & established after sales service center in the country with a guarantee of spares for at least 10 years.

5. IITV

X-Ray Image Intensifier Television system suitable for for the above machine, 44 cm screen, nominal entrance field 230 mm. AGC, double zoom & 1/2" interline transfer CCD camera.

Co should have ISO 9000 certificate, BIS standard & AERB approved

V. S. S.
08-12-05

Sk. Shamsuddin
01/12/05

Amal
15/12/05

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