

ANNEXUR - A

Specification for Mobile X ray machine.

Technical Specification

Mobile X-ray machine with 2.5 kW HF generator for general use, mobile single-tank, diagnostic X-ray system, suitable for radiographic acquisitions on standing, sitting, and recumbent patients, as well as patients in a hospital bed, on the operating table, or for use as a stand-by unit.

- 1) 2.5 kW High Frequency Mobile X ray Equipment
- 2) The unit should have 40 to 100 kV
- 3) The unit should provide minimum 60 mA
- 4) The out put wave form should be Multipulse.
- 5) The focal spot size of X Ray tube should be 1.6 x 1.6 mm or less. The unit with smaller size focal spot size will be given preference.
- 6) The unit should be able to give an out put of minimum 200 mAs.
- 7) The collimator available in the equipment should have 100 W lamp for clear visualization of the area of interest.
- 8) The equipment should have cassette storage Box.
- 9) The equipment should not weigh more than 150 KG & the unit with Minimum foot print will be given preference.
- 10) The height of the unit (the column stand) should be less than 145 cm for easy transportation in the lift etc.
- 11) The equipment should be certified by AERB for safety regulation.


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