



## **Notice Inviting e-Tender**

**West Bengal Medical Services Corporation Limited**  
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**Supply and Commissioning of Medical Equipment for Cath Lab of Midnapore Medical College & Hospital, Paschim Midnapore**

(Submission of Bid through *online*)

**Bid Reference No.: WBMSCL/NIT-235/2023**

**Dated-10.05.2023**

**Amendment-IV**

### **Schedule-V**

#### **Revised Technical specification of Portable X-RAY Machine**

PARAMETER/FEATURE	THRESHOLD LIMIT/ RANGE
<b>Generator</b>	
Frequency in KHZ	100 or more
Output in KW	2.5 or more
KV range	40 to 100 (step up & down 1 KV)
mA range	upto 100
mAs	200 or more
<b>X-ray tube</b>	
Anode focal spot size in mm	2.8 × 2.8 or less
Operating voltage range in Volt	190-240
Current in Amp	15
<b>MUST HAVE SPECIFICATION</b>	
PARAMETER/ FEATURE	YES/ NO
<b>Operational Requirements</b>	
Compact, light weight (150 KG or less), easily transportable, mobile unit	
Effective Braking system for parking and transport	
Spring / Gas Spring balanced tube stand	
Tube head rotate in all direction	
High frequency (not biphasic)	100 KHz. Or more

Digital display of KV& mAs	
Exposure with remote controlled hand switch (Wired or Remote)	
Generator	
Microprocessor controlled	
X Ray tube	
Stationary Anode	
Manual collimator	
LED / Halogen for visualization of Radiation field	
Auto shut off facility for Collimator	
Run on Single phase	
Accessories	
Lead Jacket-02 NOS.	
Lead Goggles-01 NOS.	
Thyroid Guard-02 NOS.	
Hanger for Lead apron-01 NOS.	
Wheel system Lead Guard (Width 5ft X Height 4 ft) - 02	
Quality Standards & Safety Certification	
AERB type approval	
European CE/US FDA / BIS	