



## **Notice Inviting e-Tender**

**West Bengal Medical Services Corporation Limited**  
**Swasthya Sathi**  
**GN-29, Salt Lake, Sector-V**  
**Kolkata-700091**

Phone No (033) 40340307/320  
E mail: procurement@wbmsc.gov.in

**Supply and Commissioning of (01)One unit of C-ARM machines for Dept of Orthopaedic OT at Rampurhat Govt. Medical College & Hospital**

(Submission of Bid through *online*)

**Bid Reference No.: WBMSCL/NIT-537/2025**

**Dated- 23.06.2025**

**AMENDMENT-I**

**REVISED Technical Specification of C arm Machine**

<b>C arm with accessories</b>	
<b>Technical Specifications</b>	
Mobile surgical image intensifier system with counter balanced C-.arm for fluoroscopic and General work.	
<b>X-ray Generator and X-ray tube (Specify the name of manufacturer)</b>	
X-ray generator (3.5KW or more) should be of high frequency 100KHz technology. (Specify the name of manufacturer)	
Fluoroscopy Mode with last image hold	40-110 KV or more 0.2 mA to 7mA for high contrast mode
Cassette exposures up to 60mA should also be possible.	
System should have provision for Automatic Dose Rate Control.	
X-ray tube should be Dual focal spot type. Specify the make, model and name of manufacturer	
<b><u>Charm</u></b>	

Orbital movement 125° or more (– 35° to + 90°)
Angulation ± 180° or more
Horizontal movement 20 cm or more
C-arm depth 60 cm or more
Swivel range ± 12° or more
Motorized Vertical movement 40 cm or more
Tube to II distance 85 cm or more
Radiation indicators
<b>X-ray image intensifier Specify the make, model and name of manufacturer</b>
Size 9 inch (Specify the name of manufacturer)
Company should be able to demonstrate complete IITV Chain image resolution of minimum 12 lp/Cm with appropriate tools.
Image rotation facility
Unit should be provided with Cassette holder.
It should be possible to storage minimum 4 images thru control console. A separate image management system with PC/Laptop should be provided by the company to store images in 200GB or more HDD with post processing, with storage/retrieve facility on a CD/Pen drive.
It should have a CMOS sensor based camera of latest technology with 1k x 1k matrix. Specify the make, model and name of manufacturer.
<b>Image Viewing</b>
19" or more TFT monitors of high resolution mounted in a trolley. Specify the make, model and name of manufacturer
Please specify the make and relevant details like brightness, resolution,etc.
<b>Accessories</b>
Sterile cover
Lead aprons 6 Nos
<b>Standards, safety, and training</b>
Should have the ISO certification and the copy of the same should be enclosed along with the technical bid.
Training should be provided for users and biomedical engineers
Unit should have type approval certificate from AERB

Should comply with AERB Guidelines for radiation leakage and X-Ray equipments.

**Documentation**

User/Technical/Maintenance manual to be supplied in English

Certificate of calibration and inspection from factory.

**The bidder/OEM should submit valid CDSCO Certificate/Registration/License for both the manufacturer(s) and importer(s) as applicable.**