



मुख्यमंत्री निःशुल्क जाँच योजना

## Rajasthan Medical Services Corporation Limited, Jaipur

'D'-block, swasthya Bhawan, Tilak Marg, C-Scheme, Jaipur

Phone no. 0141-2223887, Fax no. 0141-2228065

E-mail: edepmrmisc-rj@nic.in

CIN : U24232RJ2011SGC035067

Website: <http://rmisc.health.rajasthan.gov.in>

No. F-8()RMSC/EPM/M-6/NIB-706/2022-23/1176

Dated 21/3/23

All Principals Medical Colleges,  
All the Superintendents of Medical Colleges & Attached Hospitals,  
Director (PH/HA/IEC/AIDS/RCH)

**Sub:- Approval/Purchase of Item, Radiology High Frequency X-Ray Machine 100mA(Mobile), for the Rate Contract and supply, ending on 28-02-2025**

Please find enclosed herewith approved firm and Radiology High Frequency X-Ray Machine 100mA ( Mobile ) for the rate contract and supply ending on 28-02-2025. The rate contract and its terms & conditions are also available on Rajasthan Medical Services Corporation Ltd., Website [www.rmisc.health.rajasthan.gov.in](http://www.rmisc.health.rajasthan.gov.in)

In reference to the above rate contract No. F-8()RMSC/EPM/M-6//NIB-706/2022-23/..... dated..... the supplier has executed the agreement with RMSC, as enclosed herewith for your information & necessary action. This bears an approval of M.D., RMSCL, Jaipur.

  
Executive Director (EPM)

Rajasthan Medical Services Corporation Ltd, Jaipur

Dated 21/3/23

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16. All CM&HO's., All P.M.O.'s. and All Dy. CM&HO's, Rajasthan.
17. Joint Director (IT), for uploading in e-tmts software and RMSCL website both.
18. All BME, RMSC
19. M/s Epsilon Healthcare Solutions (P) Ltd
20. M/s American Meditek Systems Pvt. Ltd.
21. Guard file.

  
Executive Director (EPM)

Rajasthan Medical Services Corporation Ltd, Jaipur



**Rajasthan Medical Services Corporation Limited, Jaipur**  
**Gandhi Block, SwasthyaBhawan, TilakMarg, C-Scheme, Jaipur - 302005**

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**Rate Contract and Price Details**

S.N.	Item	Detail	
1.	Name of Equipment / Item	Radiology High Frequency X-Ray Machine 100mA(Mobile)	
2.	Name & Address of Firm	Epsilon Healthcare Solutions (P) Ltd G1-57 ,RIICO Indus.Area Phase-II, Bagru,Jaipur-303007 Rajasthan (India) E-mail: marketing@epsilonhealthcare.com	American Meditek Systems Pvt. Ltd. P.no.- 194, 1St floor , HPSIDC, Industrial area, Baddi, Distt. Solan (HP) 173205 E-mail:- sales@americanmeditek.com tenders@americanmeditek.com
3.	Bidder Status	Manufacturer	Manufacturer
4.	Performance Security	Performance Security Deposite by Bank, B.G No.-024BG01230650001 Dated:-06.03.2023 ( Yes Bank for Amount of Rs. 1,19,900 (One Lac. Nineteen Thousand Nine Hundred Only) (Vaild Up to 31.08.2028)	Performance Security Deposite by Bank, B.G No.-035GT02230400024 Dated:-09.02.2023 ( HDFC Bank for Amount of Rs. 1,49,900 (One Lac. Fourty Nine Thousand Nine Hundred Only) (Vaild Up to 31.08.2028)
5.	Brand/Model	Epsilon EP Corsa 6M	American Medray-6R
	HSN Code	90221490	90221490
6.	Packing Unit	Each	
7.	R/C No. & Validity	R.C. No 796 (Valid Up to 28.02.2025)	
8.	Indicative Quantity	60 ( 80% )	15 ( 20% )
9.	Rates for supply to RMSC from Suppliers		
	(i) Basic Rate (in Rs. )	356786.00	356786.00
	(ii) IGST @ 12% (in Rs.)	0.00	42814.32
	(iii) CGST @ 6% (in Rs.)	21407.16	0.00
	(iv) SGST @ 6% (in Rs. )	21407.16	0.00
	(v) Approved Rate From Supplier To RMSC {(i)+(ii)+(iii)+(iv)} (in Rs. )	399600.32	399600.32
10.	Rate For Supply to Consignee From RMSC		
	(i) Basic Rate (in Rs.)		356786.00
	(ii) RMSC Surcharge@5% On (i) (in Rs.)		17839.3
	(iii) CGST@6% { On (i)+(ii)} (in Rs.)		22477.518
	(iv) SGST@ 6% { On (i)+(ii)} (in Rs.)		22477.518
	(v) Approved Rate for Consignee from RMSC {(i)+(ii)+(iii)+(iv)} (in Rs.)		419580.33
<b>Technical Specifications of Radiology High frequency X ray Machine (100 mA Mobile).</b>			
1.	<b>X-RAY GENERATOR:</b>		
	• High Frequency X-Ray generator having frequency of <b>50 KHz</b> or more.		
	• Power output should be <b>6.0 KW or more</b>		
	• Radiographic KV range should be <b>40 to 100 KV or more.</b>		

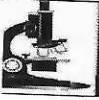
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	<ul style="list-style-type: none"><li>• Rad mA : 100 mA or more</li><li>• Exposure Time 7 ms to 7 sec or less</li></ul>						
2.	<b>X-RAY TUBE HEAD:</b>						
	<ul style="list-style-type: none"><li>• Monoblock version X-Ray Tube Head with <b>Rotating Anode with dual focuses</b> X-Ray Tube. A very compact H.V. Tank filled with high dielectric transformer oil or Monoblock HT tank should be provided. The monoblock consists of Tube, H.V, transformer, filament transformer, H.V. Rectifiers &amp; One No. Manual Collimator should be provided, with auto off facility.</li><li>• <b>Anode heat storage capacity of tube should be 60 KHU or more.</b></li></ul>						
3.	<b>CONTROL PANEL:</b>						
	<ul style="list-style-type: none"><li>• <b>Two point selection technique i.e. KV and mAs.</b></li><li>• KV increase and decrease switches</li><li>• mAs increase and decrease switches.</li><li>• Machine ON/OFF switch</li><li>• Collimator Lamp ON Switch-on collimator side and control board.</li><li>• Standby &amp; Exposure Switch</li><li>• Self diagnostic Programme with indicators for:-<ul style="list-style-type: none"><li>• Earth fault error</li><li>• <b>KV error/ Inverter error</b></li><li>• Filament error</li><li>• Tube head Thermal Error</li><li>• Stand by (Ready) &amp; X-Ray On Indicator</li></ul></li><li>• Incoming Voltage Indicator. There should be provision for the machine to work from 195 Volts Input supply to 265 V input supply.</li><li>• Anatomical Programming Radiography (i.e. APR) should be provided in which KV &amp; mAs are automatically selected depending upon the physique of the patient and part of the body to be X-Rayed.</li><li>• Anatomical Programming should be of minimum 200 programmes should be provided. There should be a provision that the control should get off, if no key is pressed for 10 mins.</li><li>• A Hand switch with Dual action for exposure Release with Retractable Cord is should be provided for Radiation Protection to the Operator.</li></ul>						
4.	<b>TUBE STAND:</b>						
	<ul style="list-style-type: none"><li>• Mobile stand with 4 wheel design, which ensures easy mobility &amp; steering. The spring Balance Stand (No Gas Spring) should be very light in weight with tube arm. It should be very easy to maneuver &amp; allow smooth movements of Tube Head in vertical plane. Lead lined cassette storage box. Large wheels for easy mobility should be provided. The stand is designed for maximum maneuverability of the unit and is able to achieve tube focus to floor of 75 inches and tube focus to table top distance of 46" (Standard Radiography Table). The equipment should occupy minimum floor area &amp; is capable to be taken through elevators with ease.</li><li>• The Entire Tube Arm should be Swiveled + or - 90 degree (180) degree for taking sidewise X-Rays without moving Machine.</li></ul>						
5.	<b>POWER SUPPLY:</b>						
	<ul style="list-style-type: none"><li>• The unit should be operable on 230 Volts, 50Hz, 15 Amps with line regulation of + or -15% Line resistance less than 0.4 ohms.</li></ul>						
6.	<b>ACCESSORIES:</b>						
	Following accessories should be supplied with the machine at the time of installation						
	<table border="1"><tr><td>a) Lead Apron 0.5mm Pb equivalent</td><td>1No.</td></tr><tr><td>b) Lead goggles</td><td>2 No.</td></tr><tr><td>c) Gonadal Shields</td><td>2 No.</td></tr></table>	a) Lead Apron 0.5mm Pb equivalent	1No.	b) Lead goggles	2 No.	c) Gonadal Shields	2 No.
a) Lead Apron 0.5mm Pb equivalent	1No.						
b) Lead goggles	2 No.						
c) Gonadal Shields	2 No.						
7.	<b>OTHER REQUIREMENTS:</b>						
	1. The quoted model should be AERB approved. Relevant documents shall submit along with						

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	technical bid.
2.	The manufacturer should have ISO 9001:2015 and ISO 13485:2016. Valid documentation should be submitted in technical bid.
3.	The unit should be approved by AERB. (valid documentation should be submitted in technical bid).
4.	The company should submit technical compliance sheet as per technical specifications mentioning the make & model of quoted item in the Technical bid
5.	The complaint of this equipment shall be attended within 72 hrs.
6.	The Company should provided QA & QC test report at the time of Installation & in every two years during guarantee period.
7.	<b>Guarantee:</b> Three years on complete unit from the date of the installation.
8.	<b>CMC:</b> CMC may be given for seven year (on yearly basis) after guarantee period of three years. CMC will be given @ 4% (of net rate exclusive of GST as applicable etc.) plus service tax (as applicable) and yearly escalation of 5 % on last year's CMC price. The rates of CMC may be awarded for seven years after guarantee.
9.	Installation will be done by supplier free of cost.
10.	The Company should submit original catalogue and data sheet (signed & stamped) of quoted item at the time of bid submission. Any declaration / undertaking in this regard shall not be considered.
11.	The Firm shall provide guideline and support to consignee, required to register online official Website eLORA(e-Licensing of Radiation Application).
12.	For item Radiology High frequency X ray Machine (100 mA mobile), It is mandatory for conducting inspection of already installed item at any site at their own (Firm) cost.
13.	The supplier/ Manufacturer should give undertaking regarding the availability of spare parts for 10 years or more from the date of installation.

- The agreement signed between RMSCL and the firm forms integral part of the rate contract.

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*[Signature]*  
Executive Director (EPM)  
RMSC, Jaipur

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