



Running Contract Details	
Equipment Name	C - Arm Mobile Image Intensifier (Model B)
Running Contract Valid Till	10-12-2025
Tender Ref No	KMSCL/EP/T498/20B/2023
Tendered Quantity	25
Supplier Name	M/s AMERICAN MEDITEK SYSTEMS PVT. LTD
GST No	02AAECI6044B1Z8
Installation & Delivery Period	8 Week(s)
Up-time / PM vist	95% & 4 Visits per year
Warranty period	3 Years

Supplier`s Details		
Address	Contact Details	
PLOT NO. 194 1ST FLOOR HPSIDC INDUSTRIAL AREA BADDI DISTRICT SOLAN -173205	Contact Person	Rohit Sindwani
	Phone	01795-244332
	Mobile No	9888273299
	Email	tenders@americanmeditek.com

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	<b>C - Arm Mobile Image Intensifier (Model B)</b> <i>Model &amp; Make : Medscan-S/AMERICAN MEDITEK SYSTEMS PVT. LTD.</i>	1015740 Incl.GST :12%	74910.82	1090650.82
		<b>1015740</b>	<b>74910.82</b>	<b>1090650.82</b>

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 <sup>th</sup> Year	5 <sup>th</sup> Year	6 <sup>th</sup> Year	7 <sup>th</sup> Year	8 <sup>th</sup> Year	9 <sup>th</sup> Year	10 <sup>th</sup> Year
<b>C - Arm Mobile Image Intensifier (Model B)</b>							
Labour	17,502.00	17,502.00	17,502.00	17,502.00	17,502.00	17,502.00	17,502.00
Comprehen sive	26,254.00	26,254.00	26,254.00	26,254.00	26,254.00	26,254.00	26,254.00

### Other terms & conditions

1. The supplier shall execute an agreement with the purchaser as per tender conditions (agreement format is given in the tender

document).

2. The supplier shall submit performance security amounting to 5.00% of the value of the supply order.
3. The labour & comprehensive charges of equipment after the completion of warranty period is finalized by KMSCL as mentioned above.
4. Since discount rate is not applicable for equipment under Running Contract of KMSCL, purchase/supply order can be issued directly to supplier at the given rate with tax & other charges (exclusive of KMSCL service charges).
5. If purchase/supply order is issued directly to the supplier, KMSCL service charge need not be paid. But the copy of the said order may be forwarded to KMSCL for information.

### **Technical Specification**

#### **Equipment :C - Arm Mobile Image Intensifier (Model B)**

#### **Equipment: C Arm Mobile Image Intensifier System Model B**

##### 1. X-Ray Generator

- i. Type: High Frequency minimum 20 Khz.
- ii. Fluoroscopy anode potential: 40 to 110Kvp (1Kvp step)
- iii. Fluoroscopy mA range: Normal mode : 0.5 to 3 mA
- iv. Power: 1.4 Kw

##### II. X-Ray Tube

- i. Should be of reputed make
- ii. Type: Stationary anode/Rotating anode
- iii. Focal spot:0.6/1.8mm

##### III. Image Intensifier

- i. Should be of reputed make (Thales/Canon or equivalent).
- ii. Input field size maximum 9”(Triple field)
- iii. Grid on the entrance field: circular grid.

##### IV. TV Camera System

- i. Type: CMOS 1K x 1K pixel.
- ii. Memory: Minimum 100 images non volatile storage.
- iii. Video Standard: PAL/ NTSC/ HD/ CCIR

##### V. TV monitor

- i. Two 19 inch or more LED monitors
- ii. One for LIH and one for memory display.

iii. Should have a viewing angle of 170 degree or more.

#### VI. C-Arm Cart

i. SID: 880mm

ii. Orbital Travel: 115° (90/25)

iii. C-arm Pivotal rotation:  $\pm 180^\circ$

iv. Horizontal Travel: 200mm

v. Vertical Travel: 400mm

vi. Panning Movement:  $\pm 10^\circ$

vii. Depth of C-arm: 600mm

#### VII. Other specifications

The unit should have the following facilities

i. Automatic KV and mA technique selection and manual mode

ii. Cumulative exposure timer for fluoroscopy

iii. Audible and Visual indication for X-ray emission.

iv. 360 degree rotations of images should be possible for LIH and memory image after fluoroscopy (without radiation).

v. Image vertical and horizontal reversal should be possible on the LIH image after fluoroscopy (without radiation).

vi. In case of PC based system, necessary arrangements shall be made (like fixing the PC and boards properly) to avoid loose contact problems and for enabling safe movement of the equipment. .

vii. Iris collimation or two pairs of parallel shutters which can be controlled independently and can be rotated.

viii. Should have at least 20cm distance between the focal spot and skin for radiation safety.

ix. Should have a single / double steering wheel with 180° rotation.

x. Two sets of sterile drape for the X-ray tube assembly, Image intensifier and C-arm and clips to hold the drape on the c-arm should be provided.

xi. Cassette holder should be supplied.

xii. Five lead aprons with thyroid guards

xiii. The quoted model and tube should be AERB type approved. Relevant copies of the certificate should be attached with the bid.

xiv. Should have a facility to export images to a flash memory (USB port).

#### VIII. Power Requirements

i. Single phase, 230 Vac, 50Hz

ii. Suitable stabilizer should be provided along with the unit.

IX. Five nos of Lead Apron shall be supplied along with the machine and the specification of lead apron is follows.

- i. Should be AERB approved.
- ii. Should be 0.5mm lead equivalent
- iii. Should be hook and loop type (Velcro).
- iv. Should be supplied along with thyroid guard.

Note:

1. If CDSCO (Central Drugs Standard Control Organization) certification is required for the import and marketing of the equipment, then the same shall be submitted along with the technical bid
2. Warranty exclusions if any shall be discussed at the time of prebid meeting else the tender condition as per clause 6.31.20 shall prevail