

Running Contract Details	
Equipment Name	X Ray Digital Fluoroscopy Machine - Type B
Running Contract Valid Till	29-09-2024
Tender Ref No	KMSCL/EP/T446/1095B/2022
Tendered Quantity	5
Supplier Name	M/s Allengers Medical Systems Ltd.
GST No	03AABCA2332H1ZE
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	
SCO-212-213-214 Sector 34 A Chandigarh-UT.160022	Contact Person	Sujith Babu
	Phone	
	Mobile No	9946618748
	Email	sujit.babu@allengers.net

Item-wise Price Details				
#	Item Details	Unit Rate (Incl.all taxes & charges)	Service Charges (Through KMSCL)	Grand Total
1	X Ray Digital Fluoroscopy Machine - Type B <i>Model & Make : MARS-50+ / Allengers Medical Systems Ltd</i>	6900000 Incl.GST :12%	508875	7408875
		6900000	508875	7408875

Annual / Comprehensive Maintenance Charges (Exl.Tax)							
Rate	4 th Year	5 th Year	6 th Year	7 th Year	8 th Year	9 th Year	10 th Year
X Ray Digital Fluoroscopy Machine - Type B							
Labour	1,54,592.00	1,54,592.00	1,54,592.00	1,54,592.00	1,54,592.00	1,54,592.00	1,54,592.00
Comprehensive	3,09,185.00	3,09,185.00	3,09,185.00	3,09,185.00	3,09,185.00	3,09,185.00	3,09,185.00

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 :X Ray Digital Fluoroscopy Machine - Type B

- I. Digital Radiography Fluoroscopy system with Flat Panel based Detector & Remote Controlled RF table
- II. High-powered RF (Radio Fluoro) unit with direct digital flat panel for various fluoroscopy and radiography examinations

1	X-Ray Generator High Frequency (40 Khz) X-Ray Generator	
a.	Power output	50KW
b.	Modes	Radiography Fluoroscopy
c.	KV RANGE	
i.	Radiography KV Range	40KV to 120KV
ii.	Fluoroscopy KV range	40KV to 120KV
d.	mA OUTPUT	
i.	Radiography mA output	Up to 500mA
ii.	Fluoroscopy mA output	Up to 5mA
e.	Exposure Time Range	1ms to 5 sec
f.	Radiography mAs Range	Up to 300mAs
g.	Fluoroscopy Timer	Specify
2	CONTROL PANEL	
a.	Tough panel LCD with TFT Display having following functions & indications	
b.	Machine On/ Off switch	
c.	Digital Display of KV & mAs	
d.	Manual and automatic brightness control system	
e.	Self diagnostic program with indicators for earth fault error, KV error, filament error & Tube's Thermal Overload	
f.	Pre-programmed parameters of human Anatomy Up to 200 programs	
g.	A dual action hand switch with retractable cord for Radiation Protection of Operator	
3	X-Ray Tube : Dual focus rotating anode X-Ray tube	
a.	Focal spots	
	a. Small Focus	0.6
	b. Large Focus	1.2
b.	Anode Heat storage Capacity	300KHU
c.	Collimator	Motorized collimator with auto shut off light
4	Tube Stand: X-Rays tube mounted on RF Table tube stand	
a.	Tube head rotation	±90deg
5	H.V.Cable	One pair of suitable length
6	Table	
a.	Floor mounted, remote controlled, motorized RF table scratch resistant surface	
b.	Table has soft start and stop	
c.	Tilt	Vertical +90° to 20° trendelenberg
d.	Table has automatic stop at Horizontal & Vertical position	
e.	Tube Longitudinal movement	1000mm
f.	Transverse movement of tabletop	210mm
g.	Tabletop long sliding movement	480mm
h.	Dimensions of table top is 2100mmx600mmx6mm	
i.	Compression cup travel	250 mm
j.	Table accessories	Handgrip. Patient fixing belts (Compression band) One (01)

		each
k.	Height adjustment	80 – 100 cm
7.	Dynamic Flat Panel Detector	
a.	(Inbuilt in Remote controlled, motorized RF Scintillator Cesium iodide (Csl)	
b.	Size of detector	40 x40cm
c.	Image matrix size	2048x2018 pixels
d.	Pixel size	200µm
e.	A/D conversion	16bit
f.	DQE	60%
8.	Image Acquisition Software	
a.	Pulse Fluoroscopy	Up to 4FBS
b.	DICOM compatibility	Fully compatible with 3.0DICOM standard
c.	Window adjustment	Automatic & manual
d.	Post image process	Specify
e.	Zoom	Specify
f.	Cine play	Specify
g.	Last image hold	Automatic LIH
h.	Measurement Analysis	Length, Angle, Area
9.	Monitors	2 Nos. 19” Medical Grade display monitors for live image
10	Power Supply	3Phase, 400Volts AC 50Hz with line resist less than 0.4 Ohms, Line Regulation ±10%
11.	The offered system should have AERB type approval.	
12	The following shall be supplied free of cost	
	a.	Suitable capacity servo stabilizer
	b.	Automatic Exposure Control Device Unit
	c.	3 sets of Lead Apron (0.5 mm Pb) with Thyroid Guard & Gonard Shield