



JAMMU AND KASHMIR MEDICAL SUPPLIES CORPORATION LTD.

(Public Sector Undertaking of the Government of Jammu and Kashmir)

Corporate Head Office: Corporate Head Office: Plot No. 58, Friends Colony Satyam Road Trikuta Nagar Jammu

Corporate Office: Corporate Office Kashmir: Near Haj House, Bemina (190018), Srinagar

email: mdjkmscl2@gmail.com; website: www.jkmsclbusiness.com

M/s Allengers Medical Systems Ltd.
Chandigarh (Bidder/Manufacturer)

No: JKMSCL/GM(Adm.)/2025 -4750-64

Dated: 19-08-2025.

Sub: E. bid for the finalization of Rate Contract for the procurement of "Machinery & Equipments" - issuance of Rate Contract thereof for the item "(C-Arm with Flat Panel)".

Ref. No.

1. NIT No. JKMSCL/Mach/2023/599 dated 17.08.2023

2. Minutes of Purchase Committee vide No. JKMSCL/PS/MD/2024-25/237-55 dated 10.07.2025.

3. LOI No. JKMSCL/GM(Adm.)/2025/3227-32 dated 12.07.2025.

Dear Sir,

In accordance with the decision of the Purchase Committee vide its minutes mentioned in reference cited above, the Jammu and Kashmir Medical Supplies Corporation Limited is pleased to inform that your firm has been declared as L1 for purchase of following item(s)/equipments which are given below

S. No.	Name of item	currency	Basic Rate without Tax with Conversion (1)	Taxes (2)	Total Amount (in Rs) with taxes (1+2)
1.	C-Arm with Flat Panel Model : ALLENGERS HF-59 PLUS Make : M/s Allengers Medical Systems Ltd	INR	23,97,554.47	287706.53	26,85,261/- (Rupees twenty six lakhs eighty five thousand and two hundred sixty one only)

The approved rates for Comprehensive Maintenance Contract after the expiry of warranty period of 05 (Five) years are as follows:

S.No	Name of Item	CMC for five years
1	C-Arm with Flat Panel Model : ALLENGERS HF-59 PLUS	6 th yr 146183.00 7 th yr 153492.00 8 th yr 161166.00 9 th yr 169225.00 10 th yr 177686.00 Total 807752.00

Terms and Conditions:

- Delivery Site:** Rate are FOR Drug warehouse of JKMSCL/any Govt. Institution of J&K State, wherever installation is required.
- Validity:** The rate contract shall remain valid for a period of two years from the date of issuance of the Contract which may be extended for a period of 90 days or till such time the new rate contract is finalized, whichever is earlier, with mutual consent of JKMSCL and successful bidder.
- Taxes:** As mentioned above and as applicable.
- Warranty:** Two Years from the date of installation.
- Performance Security**

You are further required to deposit the performance security equivalent to 5% of the total invoice value in the shape of Bank Guarantee in favour of FA/CAO, JKMSCL within seven days from the date of issuance of Purchase Order(s) from time to time.
- Supplies**

Within 60 days from the date of issuance of supply order.
- Penalty**

In case of extension in the delivery period with liquidated damages, recovery of liquidated damages shall be made at the rate of 0.25% per day for every day of delay subject to maximum of 10%.

8. **Installation:** Installation / commissioning and necessary training for upkeep of the equipment shall be provided free of cost.
9. **Availability of Spares:** Firm shall certify that the parts of the equipment shall remain available at least for a period of **five years** after the year of expiry of warranty period of two years.
10. You have to certify that the rates mentioned above as quoted by your firm are the lowest rates applicable to all Govt./private Institution/PSU etc. Variation found if any, during the rate contract period by the Corporation/Intending department or any other agency shall be the sole responsibility of the Contractor/Supplier/manufacturer/importer.
11. The supplier/manufacturer/importer shall ensure to supply the Brand new and unused item(s) strictly as per specifications/sample(s) approved. Variations found, if any, in instant case/or in later stages by the Corporation/Intending department/any other agency which may lead to sub standard or Not of standard/approved quality, shall be the sole responsibility of the supplier/ manufacturer/ importer/contractor.
12. JKMSCL is at liberty to get the feedback from the end-user department/intending department regarding the functioning of the machinery & equipment supplied by your agency. Adverse report, if any, may lead to strict action against you under rules/terms & conditions of the NIT/guidelines issued by the Govt. from time to time.
13. **Fall Clause:** The prices under contract shall be subject to price fall clause. The prices charged for the goods supplies under the contract by successful bidder shall in no event exceed the lowest price at which the successful bidder sells the goods or offers to sell the goods of identical description to any other person(s)/Organization(s) including procurement agencies or any other department of Central Govt. or State Govt. as the case may be during the period till the performance of the contract. If at any time, during the period of the contract, the bidder reduces the sales price chargeable under the contract, he shall forth with notify such reduction to the JKMSCL, J&K and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale shall stand reduced correspondingly. It imply that if the contract holder quotes/ reduces its price to render similar goods at a price lower than the contract price to anyone in the Central/State Govt. at any time during the currency of contract including extension period, the contract price shall be automatically be reduced with effect from the date of reducing or quoting lower price for all delivery of subject matter of procurement under contract and the contract shall be amended accordingly.
14. **Risk Purchase:** If the bidder is unable to complete the supply within the specified or extended period, the corporation shall be entitled to purchase the goods or any part thereof from elsewhere without notice to the bidder on his (i.e., bidders) account at his cost and risk, with the prior approval of Managing Director JKMSCL, J&K. The bidder shall be liable to pay any loss or damage which the purchasing officer may sustain by reasons of such failure on the part of the bidder.
The bidder shall not be entitled to any gain on such purchases made against default. The recovery of such loss or damage shall be made from any sums accruing to the bidder under this or any other contract with the corporation/government. If recovery is not possible from the bill and the bidder fails to pay the loss or damage within one month of the demand, the recovery of such amount or sum due from the bidder shall be made from the bidder. In case supplier fails to deliver ordered goods, the risk purchases may be made at market rate from any other firm. It is mandatory for the approved supplier to acknowledge receipt of orders within seven days from the date of dispatch of order, failing which the procuring entity will be at liberty to initiate action to purchase the items on risk purchase provision at the expiry of the prescribed supply period.
15. **Orders shall only be placed on the basis of actual requirement and funds as available under the relevant Head of Accounts.**
16. **Payment shall be released after successful installation and commissioning of the equipment duly verified by the intending department.**
17. **Approved technical specifications shall remain same as per NIT (Annexure I)**

All the terms and conditions of the NIT, Standard Procurement of Procedure (SPP) of JKMSCL & LOI shall be part of this Rate Contract.


Issued with the Decision and Authorization of Purchase Committee of JKMSCL vide its minutes No. JKMSCL/PS/MD/2024-25/941-53 dated 26.03.2025.

Yours sincerely,

(Mohd. Ashraf Choudhary) JKAS
General Manager (Adm.), JKMSCL.

Copy for information to the:

1. Principal, Govt. Medical College, Srinagar (Kashmir) (Director, Board of Directors- JKMSCL).
2. Principal, Government Medical College, Jammu (Director, Board of Directors JKMSCL).

3. Principal, Government Dental College, Srinagar (Director, Board of Directors- JKMSCL).
 4. Principal, Government Dental College, Jammu (Director, Board of Directors- JKMSCL).
 5. Director General, Indian System of Medicines, J&K (Director, Board of Directors- JKMSCL).
 6. Director, Family Welfare, MCH & Immunization, J&K (Director, Board of Directors- JKMSCL).
 7. Director, Health Services, Jammu (Director, Board of Directors- JKMSCL).
 8. Director, Health Services, Kashmir (Director, Board of Directors- JKMSCL).
 9. Mission Director, NHM, J&K (Director, Board of Directors- JKMSCL).
 10. Controller, Drug & Food Control Organization, J&K (Director, Board of Directors JKMSCL).
 11. F.A./Chief Accounts Officer, J&K Medical Supplies Corporation Limited.
 12. General Manager –K (P&S, IT), J&K Medical Supplies Corporation Limited.
 13. Asstt. Programmer to upload on official website.
 14. I.T cell JKMSCL.
 15. File
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C-Arm with Flat Panel Detector.

SPECIFICATIONS OF C-ARM WITH FLAT PANEL DETECTOR:

Microprocessor controlled C-arm machine with FPD should Provides the excellent image quality at low radiation. ideally suited for general surgeries in many application fields and special application such as orthopedics, urology, Gastroenterology, pain management, Spine fixation.

A) FLAT PANEL DETECTOR:-

- Receptor Type should be of Amorphous Silicon technology.
- Conversion Screen should be of CsI.
- FPD with 21 x 21cm size should be provided
- Image Matrix should be 1K x 1K or more
- Pixel pitch should be 205 um or less.
- ADC conversion should be 16 bit or more.

B) Monitors:-

- 02 Nos. 19" High Resolution medical grade Monitors mounted on mobile Trolley.

D) C-ARM MOVEMENTS: Fully counter balanced all movements.

1. Rotation: 180 Degrees.
2. Motorized Up down: 420mm or more
3. Horizontal Travel: 210 mm or more
4. Arc Orbital Movement: 120 Degrees.
5. Wig Wag: 12.5 Degrees.
6. Source to Image distance should be 970mm.
7. Depth of "C" should be at least 650mm.
8. Free space should be 780mm or more

E) X-RAY GENERATOR:

1. High Frequency (50 KHz)
2. Output power should be 3.5KW.
3. Fluoro & Rad. Kv 40 to 120 KV.
4. Max. mA (Digital Radiography) SPOT: 25mA or more.
5. Pulse Fluoroscopic mA (peak): -
 - up to 20mA (Fluoro Mode)
 - up to 25mA (Cine Mode)

F) X-RAY TUBE:

- Monoblock tube head having dual focus stationary anode X-Ray tube of focal spot 0.6mm (small focus) & large focus (1.2mm) should be provided.
- Anode Heat Storage capacity should be 70KHU or more.
- Collimator:- Parallel shutter collimator with Preview Collimation

G) CONTROL: Control should have the following:

LCD Display:

A very compact, soft touch control panel with 20X3 (column x rows) LCD display on which KV, mAs, Fluoro mA, MAG, Heat unit and Various Interlocks e.g KV interlock, Filament interlock and Thermal interlocks are displayed on LCD Screen for self diagnosis.

Console Panel has Following Functions & Indications:

- Machine ON/OFF switch.
- Fluoro timer reset Switch (For reinstate the exposure after 300 sec fluoro timer)
- KV and mAs increase and decrease switches.
- ABS (Automatic brightness Stabilization) selection for hands free operation-also known as ADR. X-Ray ON Switch with indicators.
- Switches for up/down movement of "C" on both side of panel.
- Collimator control switches. (To open/ close Horizontal and Vertical Shutter
- Laser centering device.
- Image shift from live view to Reference view.
- Average switch to select the average in software for image as per requirement. Exposure lock switch

- Dose mode selection switch (Full, Half and Quarter mode)
- Fluoro save switch to save fluoro image manually.

H) MEMORY SYSTEM should include the following: -

Image Acquisition:

- Image processing software with real time image capturing, storage, and display in IxIik format,
- Variable Frame Rate (1-15) FPS
- Boosted fluoroscopy (CINE) at 15 FPS with real time recording on hard disk drive.
- Digital Radiography (SPOT) exposure mode is available.
- Continuous fluoroscopy exposure mode is available.

Image Processing:

- Real time noise with reduction with Averaging up-to I6
- Recursive filter for image smoothing, DRC, Contrast, Brightness, Sharpness. Interactive Zoom and Pan
- Pre-programming for image setting for different operating
- Modes Image Inversion
- Dynamic Noise Reduction Filter (DNF) for moving anatomy
- WW/WL level adjustments
- Image Flipping and Image Rotation Clockwise or Anti-clockwise.
- Fast Automatic Brightness control
- Software driven Fast Automatic Brightness System (ABS)
- Metal Compensation
- Torch feature to view enhanced contrast for particular circular region
- Cine Loop Play (Auto and Frame wise)
- Real time Image Flip (Horizontal/Vertical)
- Real Time Image Inversion
- Colorize Image feature
- Real time Heat Unit calculator for remaining heat content available for X-Ray Tube

Collimator:

- Ultra fast Preview collimator

DICOM Features:

- Connectivity with DICOM workstation/PACS
- DICOM Send/Storage Commitment
- DICOM Print
- DICOM Worklist/MPPS

Storage:

- Upto 10,000 images
- Fluoro saving as per user need
- LIH saving as per user need

Annotation:

- Rectangle
- Ellipse
- Line
- Text

Measurement

- Stenosis measurement
- Length Measurement

PACS Connectivity:

- Multiple Nodes can be configured.
- Single Multiple Image Tagging to transfer into PACS/ Workstation

DSA:

- Up to 10 FPS image acquisition for DSA
- R-Mask

- Land marking
- Pixel Shift

Multi- Language GUI Support:

- Application can be configured as Any Language GUI.

Miscellaneous:

- Paper Printing
- Different format of image saving like JPG, BMP, TIF, png, AVI Loop in USB Pen drive
- Image Data to Export to DICOM CD,
- Music view/Image layout 2x2 3x3.' Flip/Rotation etc.

Power requirement:

- The unit should be operable on Single Phase 230 V \pm 10% AC, 50 Hz
- Inbuilt electronic voltage stabilizer should be provided.
- UPS for power backup of the software should be provided.

J) OTHER REQUIREMENTS:

- Should be European CE certified from notified body.
- The company should be ISO and ICMED certified company.
- The quoted model should be CDSCO certified for Sale and for Distribution of medical devices.
- Offered Detector should be ISO 9001 certified with mentioned Make and Model of OEM
- Generator and detector should be from same manufacturer.
- The unit should be approved by AERB.
- The company should have a service centre in State.
- The company should have proven track record in Govt. sector

