



# 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: [jkmscljepm@gmail.com](mailto:jkmscljepm@gmail.com); website: [www.jkmscl.nic.in](http://www.jkmscl.nic.in)

**M/s S.R Technomed,  
Bakshi Nagar, Jammu.  
(Bidder)**

No: JKMSCL/GM (Adm.)/2025/13289-303

Dated: 18-02-2025.

Sub: E.bid for the finalization of Rate Contract for the procurement of "Machinery & Equipments" - - issuance of Rate Contract for the item 3D FI Camera control Unit (CCU).

Ref. No.

1. NIT No: NIT/JKMSCL/Mach/2023/575 Dated 09.02.2023

2. Minutes of Purchase Committee vide No. JKMSCL/MD/2024-25/656-74 dated 18.12.2024.

3. LOI No. JKMSCL/GM/2024/9696-9700 dated 31.12.2024.

Dear Sir,

As per the decision of the Purchase Committee, the Jammu and Kashmir Medical Supplies Corporation J&K has approved the following item/item(s) under group "Machinery & Equipments" in your favour as per the rates quoted by you in the NIT :

S. No.	Name of Item	currency	Basic Rate without Tax with Conversion (1)	Taxes (2)	Total Amount (in Rs) with taxes (1+2)
01.	3D FI Camera control Unit (CCU)  M/S B Braun Medical (India) Pvt. Ltd., Mumbai (Importer)  M/S AESCULAP AG, Germany. (Manufacturer)  Model No.: Einstein vision 3.0FI.	INR	22168604.33	3990348.78	2,61,58,953.11  (Rupees two crore sixty one lakh fifty eight thousand nine hundred fifty three and eleven paise 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.	3D FI Camera control Unit (CCU)	6 <sup>th</sup> yr 1163851.72 7 <sup>th</sup> yr 1280236.90 8 <sup>th</sup> yr 1408260.59 9 <sup>th</sup> yr 1547922.79 10 <sup>th</sup> yr 1704211.45 Total: 7104483.45

## 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:** Five Years from the date of installation.

5. **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.
6. **Supplies** Within 90 days from the date of issuance of supply order.
7. **Penalty** In case 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 five 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/MD/2024-25/ 656-74 dated 18.12.2024

Yours sincerely,

18.02.25

(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

**ENDER SPECIFICATION FOR 3D FI CAMERA CONTROL UNIT (CCU)**

- 3D camera platform that works with 3D or 2D camera heads
- Camera heads are hot pluggable (change of camera head during surgery)
- Display of color bars on monitor if no camera head connected to CCU
- CCU detects the connected camera head and automatically provides the respective camera settings
- 4 preinstalled standard profiles (LAP General Surgery, LAP Uro, LAP Gyn, Cardio/Thoracic)
- Within each profile the following settings can be modified
  - Brightness (-5 to +5 / increments of: 1)
  - Digital zoom (zoom factors 1.0, 1.2, 1.4, 1.6 and 1.8)
  - Contrast (-5 to +5 / increments of: 1)
  - Edge enhancement (-5 to +5 / increments of: 1)
  - Image rotation 180° (on/off) — only for 30° camera head
  - Toggle 2D/3D (on/off)
  - Toggle Visual white light /fluorescence imaging light
- 4 effects and 3 fluorescent imaging modes can be added to the set profile (Red Enhancement, Smoke Reduction, PoP, status indicators on screen)
  - Optional enhanced viewing mode with red enhancement algorithm (intensifies red colors for better visual distinction of different structures)
  - Optional enhanced viewing mode with smoke reduction algorithm (clearer picture in smoky environment)
  - Picture out of Picture (PoP) for split screen function shows original image and image with effect next to each other
  - Status indicators on screen: currently activated image settings are displayed on the screen in the status area (top right)
- Combination mode of red enhancement and smoke reduction
- Favorites: for each profile the CCU offers a pre-defined selection of 10 functions as favorites for quick access
- 3 freely programmable user profiles can be created in addition to the four preinstalled standard profiles
- Current image settings and status indicators are shown on the screen in the form of symbols and messages
- Preset functions of 4 remote control buttons on the camera head or CCU front in the live mode: menu, white balance, image rotation, digital zoom, light source on/off, record still image/start or stop video)
- Remote control buttons on camera head or CCU front can be assigned with a maximum of 8 functions as per customer needs (only in user profiles)
- If 3D display fails, the operation can be continued in 2D
- White balance function button on CCU front and camera head
- Automatic light intensity control in combination with LED light source (MIS-BUS)
- Gain function: always on
- Unit is stackable
- Multilingual user menu: 21 languages selectable
- Connectors on backside
  - 2 x 3D via 3G HD-SDI (1080p)
  - 2 x 3D via DVI-D (1080p)
  - 2 x 2D via DVI-D (1080p)
  - 1 x 2D via HD-SDI (1080i)
  - Connector for equipotential cable
  - Mains power switch
  - MIS-BUS
  - 2 x 3.5mm jack (remote out)
  - 1x LAN Ethernet, galvanically isolated (service)
  - 1 USB (service dongle)Wipe disinfection proof
- Maximum power consumption: 120 VA



- Mains supply: 100 - 240 VAC, 50/60 Hz
- Dimensions (w x h x d): 330 x 146 x 353 mm
- Weight: 10.2 kg
- Operating volume: 41 dB(A)
- Protection class: I
- Application part Type CF defibrillation safe
- IEC/DIN EN 60601-1-2 Class A
- Standard conformity IEC/DIN EN 60601-1
- Classification acc. to 93/42/EEC: I

#### TENDER SPECIFICATION FOR 3D FI CAMERA HEAD WITH ENDOSCOPE AND LIGHT CABLE

- Sensor resolution: native Full HD (1920 x 1080 pixel)
- Image sensors: 2 x 1/3" CMOS
- Scan mode: Progressive Scan (1080 p 50/60 signal)
- Minimum light sensitivity: 0,6 Lux @ f = 1.4
- Minimum shutter speed 1/100,000 sec.
- Signal-to-noise-ratio: 38 dB (acc. to norm ISO 15739)
- Stereo endoscope with rod lens system
- Sterile handling via single use sterile camera drape
- 4 remote control buttons on camera head
- Visual indication of active fluorescence mode via colored LED display in camera head
- Fluorescence modes can be displayed in 2D and 3D
- Camera head can be wipe disinfected
- Function assignment for remote control buttons on camera head identical to function assignment on 3D Camera Control Unit
- Endoscope with outer shaft diameter of 10 mm (including sterile camera drape)
- Automatic brightness adjustment
- Integrated electronically controlled heating at distal endoscope tip to provide controlled anti fog function
- Aperture angle at endoscope tip: 72°
- Depth of field: 20 - 220 mm
- Light cable integrated in video cable (mono cable)
- Endoscope with 0°/30° viewing direction
- 1.8 times digital zoom
- Endoscope working length: 315 mm
- Focal length: 4,6 mm
- Dimensions (w x h x d): 57 mm x 47 mm x 490 mm
- Weight of camera head and endoscope without cable: 538g
- Cable length: approx. 4.1 m
- Application part Type CF defibrillation safe
- Standard conformity acc. to IEC/DIN EN 60601-1
- EMC acc. to IEC/DIN/EN 60601-1-2
- CISPR 11: Class A
- Protection class against falling water: IPX7
- Classification acc. to 93/42/EEC: IIa

#### TENDER SPECIFICATION FOR LED/LASER LIGHT SOURCE

- Average lifetime of LED module (white light) approx. 30,000 working hours
- Average lifetime of laser module (NIR light) approx. 10,000 working hours
- Monochrome LC display with 2,4 " / 6 cm diagonal size to indicate operating status (standby), light output, auto light output control, light cable connection and light cable test result
- Front panel with LC display Color temperature of LED module approx. 5665 K (+6,3%)

- Color Rendering Index: 90
- Light flux of LED module: 3,000 lumen (+3,60%)
- Light intensity control via rotation knob in steps of 5% (0-100%)
- Laser module specification for NIR applications:
  - Imaging agent: indocyanine green
  - Laser class (acc. to IEC 60825-1): Class 1 M
  - Laser type: Continuous Wave
  - Laser center wavelength: 805nm (+5/-10)
  - Laser spectral width (FWHM): 3nm
  - Embedded laser: class IV, NIR, 8W
  - Laser aperture: endoscope tip
- Automatic light intensity control via camera control unit (MIS-BUS)
- Deactivation of automatic light output mode by manual control of light intensity rotating knob
- BUS interface — function control (light source on/standby) via camera head of connected Aesculap camera
- Multi light cable connector for Aesculap/Storz, Olympus and Wolf light cables with an outer diameter of 3.5/4.8mm
- Built-in anti-glare protection (if light cable is not connected to light source)
- Automatic dimming of light output when removing the light cable from the receptacle
- Integrated light output measuring control (measures light transmission of connected 4.8 mm light cable and displays result on LCD)
- Orange LED indicator light to show the active laser module
- Two 3.5 mm jack inputs on the rear of the unit for connecting foot switches
- Device is stackable
- Wipe disinfection proof
- Maintenance-free
- Mains supply: 100 - 240 VAC, 50/60 Hz
- Maximum power consumption: 144 W (0.6A @ 240V)
- Power consumption in standby: 5 W
- Operating volume: 43 dB(A)
- Dimensions (w x h x d): 330 x 146 x 362 mm
- Weight: 9.0 kg
- Application part Type CF defibrillation safe
- Standard conformity acc. to IEC 60601-1
- EMC acc. to IEC 60601-1-2
- CISPR11: Class A
- Protection class against falling water: IP21
- Classification acc. to MDR 2017/745: IIa

