



# 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

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JKMSCL

M/s-Medico Scientific Service centre,  
Srinagar (Bidder)

No: JKMSCL/GM/2025 / 110037-51

Dated: 11-01-2025.

Sub: E.bid for the finalization of Rate Contract for the procurement of "Machinery & Equipments" - issuance of rate contract for the item Cardio Pulmonary Exercise Testing System (CPET) thereof.

Ref No.

1. NIT No. JKMSCL/Mach/2023/584 dated 05-06-2023
2. Minutes of Purchase Committee vide No. JKMSCL/MD/2024-25/541-51 dated 22.10.2024.
3. LOI No. JKMSCL/GM/2024/6425-28 dated 25.10.2024.

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 on the quoted rates by you in the NIT:

S. No.	Name of item	currency	Basic Rate without Tax (1)	Taxes (2)	Total Amount (in Rs) with taxes (1+2)
1.	Cardio Pulmonary Exercise Testing System (CPET)  M/s Schiller Healthcare India Pvt. Ltd., Mumbai (Importer) M/s Schiller A.g Switzerland (Manufacturer) Make: Schiller A.g Model: Cardiovit CS-200 Excellence ErgosPiro	INR	5002000.00	600240.00	56,02,240.00  (Rupees fifty six lakhs two thousand two hundred forty 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	Cardio Pulmonary Exercise Testing System (CPET)	6 <sup>th</sup> yr 319000.00 7 <sup>th</sup> yr 330000.00 8 <sup>th</sup> yr 344000.00 9 <sup>th</sup> yr 356000.00 10 <sup>th</sup> yr 368000.00 Total 1717000.00

### Terms and Conditions:

1. **Delivery Site :** Rate are FOR Drug warehouse of JKMSCL/any Govt. Institution of J&K State, wherever installation is required.
2. **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.
3. **Taxes:** As mentioned above and as applicable.
4. **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/2024-25/541-24 dated 22.10.2024.

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

**SPECIFICATIONS FOR CARDIOPULMONAY EXERCISE TESTING SYSTEM (CPET)**

- Unit should have dedicated system integrated in one system for measurement of Cardio Pulmonary Exercise with display size of more than 22"
- Complete system should be from same manufacturer including Ergo Spiro.
- System should be able to measure both cardiac and pulmonary activities simultaneously
- Should have integrated 12 lead exercise ECG with full disclosure and scroll back option during exercise test.
- Should have software for ECG analysis with measurement and interpretation
- Should have facility for Duke Treadmill score to assess the risk of sudden cardiac death
- Should have 16 lead ECG acquisition and analysis for Resting ECG and Exercise ECG and Exercise ECG
- Should have facility for automatic arrhythmia detection.
- Should have inbuilt high resolution thermal printer from where complete test report along with summary of test can be taken. Also should have facility to take print out on external printer if required.
- Should have sampling frequency more than 8000hz for better quality of ECG Technical Specification ECG part  
Frequency Range : 0-370hz  
Sampling Frequency : 8000 hz or more samples/ second  
Input impedance : > 100mohm  
Printer: Inbuilt high resolution thermal printer.
- Should be supplied with heavy duty treadmill
- Should have facility to connect both Treadmill and Ergo Bicycle with system if required.
- Should have two separate ports for both Treadmill and Ergo Bicycle connection which can be operated through software without any disconnection.

Respiratory Specification

- Should have facility to test Breath by Breath ergo spiro
- System should allow to customize own panel during cardiopulmonary exercise testing
- Should display data and charts through standard 9 panel wasserman plot
- Should have facility for real time acquisition and capturing of dynamic flow volume for End Expiratory Volume Loops for evaluation of ventilatory limitation.
- Should have facility for detection of At & RCP automatically at the end of test.
- Should have facility for multiple ventilator threshold detection analysis
- System should allow for post editing for threshold calculations, AT1/VT1, AT2/VT2, Vo2 max, VCo2 Max, VE/VCo2 slope and other parameters.
- Should have light weight pneumotach sensor based on variable orifice which meets ATS/ERS requirements
- Should have fast response and durable O2 technology for measuring O2 and latest ultrasound technology for CO2 measurement
- CO2 cell should work for long life without periodic calibration. Technical Specification for Ergo Spiro
- Flow measurement method : Variable orifice Pneumotach Sensor
- Measurement Range: 0 to  $\pm 22$  l/s
- Accuracy:  $\pm 3\%$
- Volume Range : 0 to 350 l
- Accuracy :  $\pm 3\%$

- O2 Analyser Measurement Method : Electrochemical Principal Measurement Range: 0 to 40%
  - CO2 Analyser Measuring Method : Ultrasound Technology Measurement Range : 0 to 15% CO2
  - Unit Should have facility to take FEV1 value as reference value as reference value before test
  - Unit Should be supplied with following accessories.
    - a. Main Unit integrated system with inbuilt thermal printer .
    - b. Heavy Duty Treadmill:
    - c. Servo Stabiliser:
    - d. Pnemotach Sensor:
    - e. Seal tight mask (Large, Medium):
    - f. Laser Printer :
    - g. Chest Electrodes :
    - h. Calibration Gas Cylinder 6 Ltr
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