



# 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 Salyam Road Trkul Nagar Jammu

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

email: [jkmshcprn@gmail.com](mailto:jkmshcprn@gmail.com), website: [www.jkmscl.nic.in](http://www.jkmscl.nic.in)

M/s SR Technomed,  
Bakshi Nagar Jammu, (Bidder)

No: JKMSCL/GM (Adm.)/2024/15961-75

Dated: 10-10-2024.

**Sub: Issuance of Rate Contract for the Procurement of Machinery & Equipment - Refrigerated Centrifuge with UPS (Item Code- DHJ2310).**

Ref. No.

1. NIT No. JKMSCL/Mach/2023/596 dated 20-08-2023
2. Minutes of Purchase Committee vide No. JKMSCL / MD/2024-25/228-40 dated 01.07.2024 held on 26.06.2024.
3. LOI issued vide No. JKMSCL/GM (Adm.)/2024/2561-64 dated 11.07.2024.

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 with Conversion (1)	Taxes (2)	Total Amount (in Rs) with taxes (1+2)
1.	<b>Refrigerated Centrifuge with UPS</b> M/s Thermofisher Scientific India Pvt. Ltd., Mumbai. <b>(Importer)</b>  M/s Thermo Electron LED GmbH, Germany. (Company of M/s Thermofisher Scientific Group, U.S.A.) <b>(Manufacturer)</b>  <b>Model No. Sorvall ST1 Plus 75009380.</b>	INR	842000.00	151560.00	993560.00  (Rupees nine lakhs ninety three thousand five hundred sixty 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	<b>Refrigerated Centrifuge with UPS</b> M/s Thermofisher Scientific India Pvt. Ltd., Mumbai. <b>(Importer)</b>  M/s Thermo Electron LED GmbH, Germany. (Company of M/s Thermofisher Scientific Group, U.S.A.) <b>(Manufacturer)</b>  <b>Model No. Sorvall ST1 Plus 75009380</b>	1 <sup>st</sup> yr=53000.00 2 <sup>nd</sup> yr=53000.00 3 <sup>rd</sup> yr=53000.00 4 <sup>th</sup> yr=53000.00 5 <sup>th</sup> yr=53000.00
		Total CMC amount 265000.00

### 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.

**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 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 the execution of the agreement.**
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/2024-25/228-40 dated 01.07.2024.*

Yours sincerely,  
10.10.24  
(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. Assist. Programmer to upload on official website.
14. I.T cell JKMSCL.
15. File

## Technical Specifications

### Annexure I to Rate Contract No

#### Refrigerated Centrifuge with UPS

Jkmsc/Kym(Adm)/2024/8961-75  
dated - 10/10-2024.

Description of function and use: The centrifuge will be used in a TB laboratory to spin down mycobacteria in liquefied, decontaminated materials. The compartments containing the centrifuge tubes (buckets) need to be absolutely aerosol tight and closed by transparent lids. At least 3000 G will be required for efficient sedimentation within 20 minutes of centrifugation. The centrifuge should preferably be a desk/bench top one.

### Main specifications

- Metal housing, chamber stainless steel.
- Cooling capacity at maximum speed at +4°C.
- Standby cooling.
- Induction motor, brushless drive.
- Rotor with swing-out buckets, at least four positions.
- Rotor buckets with aerosol-tight, transparent, clipping lids.
- Inserts for buckets adapted to 50 ml centrifuge tubes, conical.
- Capacity: about 16 or more x 50 ml.
- Maximum revolutions per minute: approximately 4500 rpm, corresponding to a radius of approximately 15 cm.
- Relative centrifugal force (rcf): approximately 3400
- Noise level at maximum speed: not more than 60 dbA
- programmable for all parameters (switchable between rpm and rcf) of arun large display.
- Soft start and different acceleration levels (1-9); different braking levels (1-9) and brake force cut-off.
  
- Input and recall of programs; at least 20 storage positions.
- LCD display (protected against splash of liquids) for indication of run time, speed (rpm) or rcf (after entering centrifugation radius)-switchable, actual temperature, time left to finish run.
- Imbalance switch-off.
- Motor overheating protection.
- Chamber overheating protection.
- Rotor recognition for appropriate over-speed protection.
- Safety lock of lid during run and as long as the rotor is moving.
- Possibility of mechanical opening of lid if there is current blackout.

### Electricity requirements

Supply voltage: 230 ± 10 V, AC, 50/60 Hz. Voltage and plugs to be adapted to meet the country requirements. The line cord /Power cord supplied with the equipment shall be of acceptable durability, length, and current carrying capacity complying with Indian Standards.

Power consumption: Approximately 1800 W.

Conform to electrical safety standards IEC 60601-1, UL 61010-1, EN 61010-1.

Excess-voltage category II.

Protection class (in accordance with EN 60529).

Designed not to interfere with circuit radio (in accordance with EN 55014).

### Documentation

Manufacturers certificate: The manufacturer must have a management system certified to ISO 9001. One certificate to state that the centrifuge has been calibrated at the factory. Quality and safety standards met by the product to be listed. Operation, maintenance and installation

### Operation, maintenance and installation

**Operation and maintenance manual:** At least one set of operation, maintenance and service manuals, written in United Nations languages (or at least in English) and preferably also in the official national language of the country requesting the centrifuge. **Installation and maintenance**The bidder must arrange for the equipment to be installed by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail. The bidder to also provide user training (including how to use and maintain the equipment) and a comprehensive maintenance plan. The cost of the maintenance plan to be defined and guaranteed over the period of warranty. The supplier to provide an after-sale service that covers the whole country. The service to have competent staff, adequate infrastructure and sufficient spare parts to be able to respond to any complaints and to repair or replace the centrifuge within 14 days.

### **Standard maintenance tools**

All standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning equipment, to be included in the offer. Bidders to specify the quantity of every item included in their offer (including items not specified above).

### **Spare parts**

Each centrifuge to be accompanied by an authorized list of accessories and spare parts. Device for mechanical opening of the centrifuge after automatic blocking as consequence of currency blackout. Lubricants for movable parts and gaskets.

### **Spare fuses.**

**Uninterrupted power supply with battery pack for Refrigerated Centrifuge** **Description of function and use:**The UPS must be used in any settings that have frequent problems in the electricity network (e.g. surges, sags, spikes and blackouts) to assure and back up the function of the Refrigerated Centrifuge, so that any current work can be finalized and all potentially infectious sources closed. If the Refrigerated Centrifuge is connected to a generator, the UPS will maintain the function of the Refrigerated Centrifuge during the time needed for the generator to start and to provide full power.

### **Main specifications**

UPS :microprocessor controlled, online continuous transducer, 20/30 minutes.

Booster function to regulate up voltage breakdown to 170 V.

Buck function to regulate down voltage increase up to 280 V.

Filter to protect against voltage spikes.

Protection against overload and short circuit.

Advanced battery check for automated periodic battery inspection. Indicators for status (e.g. normal function, net down, working on battery, loading battery, battery capacity).

Sleep mode if item consuming power is shut off.

Power: 230 V  $\pm$  25%, 50 Hz or 60 Hz ( $\pm$  10%) with automatic recognition. Battery maintenance-free, automatic shut-off before reaching the level of discharge from which recharging to the original capacity will no longer be possible.

Time for recharging: approximately 4 hours to reach at least 90% of total capacity .

Outlet voltage: 230 V  $\pm$ 3%, 50 or 60 Hz  $\pm$ 0.5% (if the country's standard voltage is 110 v AC, adjustment will be needed).

Efficiency coefficient: approximately 98%, on battery >85%.

Noise at 1m distance <48 dBA.

Permissible ambient temperature and relative humidity: 0-40° C and 95% (not condensing).

### **Electricity requirements**

**Supply voltage:** 230  $\pm$  10 V, AC, 50/60 Hz.

Voltage and plugs to be adapted to meet the country requirements. The line cord / Power cord supplied with the equipment shall be of acceptable durability, length, and current carrying capacity complying with Indian Standards.

**Power consumption:** Approximately 3000 W (depending on the model chosen).

Protection class (in accordance with EN 60529)

Designed not to interfere with circuit radio (in accordance with EN 55014).

#### **Documentation**

##### **Manufacturer's certificate**

The manufacturer must have a management system certified to ISO 9001. **Quality and safety standards** met by the product to be listed.

#### **Accessories**

Battery pack.

Connection (cable and fittings) for battery pack.

##### **Operation, maintenance and installation**

##### **Operation and maintenance manual**

At least one set of operation, maintenance and service manuals, written in United Nations languages (or at least in English) and preferably also in the official national language of the country requesting the UPS.

#### **Installation and maintenance**

The bidder must arrange for the equipment to be installed by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.

The bidder to provide user training (including how to use and maintain the equipment) and a comprehensive maintenance plan. The cost of the maintenance plan to be defined and guaranteed over the period of warranty.

#### **Standard maintenance tools**

All Standard accessories, consumables and parts required to operate the equipment, including all standard tools and cleaning material, to be

included in the offer. Bidders to specify the quantity of every item included in their offer (including items not specified above).

#### **Spare parts**

Each UPS to be accompanied by an authorized list of accessories and spare parts.

**Warranty:** Five years for UPS; Five years for battery pack