

**THIRUVANANTHAPURAM REGIONAL CO.OPERATIVE MILK
PRODUCERS' UNION LTD. KSHEERA BHAVAN, PATTOM,
THIRUVANANTHAPURAM -695 004**

Bid Ref. No. TRU/PPM/52/2025-26

TENDER FOR

**Supply of Laboratory equipments
at TRCMPU under NPDD scheme**

2026

BID FORM

1. Registered Name of Bidder :

2. Address :

3. Contact details

i. Land phone :

ii. Mobile :

iii. E-mail :

iv. Fax :

**THIRUVANANTHAPURAM REGIONAL CO.OPERATIVE MILKPRODUCERS'
UNION LTD.**

KSHEERA BHAVAN, PATTOM, THIRUVANANTHAPURAM -695 004

**Phone Nos. 2558850, 2446845 Fax: 2449567, E-mail ID -
trcmpuprod@gmail.com**

NOTICE INVITING TENDER

The Managing Director, Thiruvananthapuram Regional Co-operative Milk Producers Union Ltd (TRCMPU Ltd) invites sealed quotations from reputed Manufactures/dealers for the Supply of various laboratory equipments at TRCMPU under NPDD KL_16K scheme

•	Tender No. & Date	TRU/PPM/52/2025-26 Dated 13.02.2026
•	Item of Work	Supply of various laboratory equipments at TRCMPU
•	Quantity Required	Annexure I
4	Specification	Annexure I
•	Estimated Amount	Rs. 4 Lakhs (Approx.)
•	Date and Time of Publication of tender.	13.02.2026, 10:00 AM
•	Date of Submission of tender	13.02.2026, 10:00 AM to 23.02.2026, 12:30 PM
8.	Date and time of opening of tender	23.02.2026, 1.00 PM
9.	Place of Opening	TRCMPU Ltd., Ksheera Bhavan, Pattom Thiruvananthapuram-695004.
•	Bid Validity	90 Days
•	Delivery time	Within 90 days from the date of Confirmed order.

2. Delivery Address: -

Unit Head

Central Products Dairy
Punnapara, P.O.
Alappuzha- 688004

3. Billing Address: -

The Managing Director
TRCMPU Ltd,
Ksheera Bhavan, Pattom,
Thiruvananthapuram - 695 004.
GST: 32AAAAT9795J1ZX

4. Terms of payment : Payment shall be made from TRCMPU as follows

- 60 % of the order value shall be released as advance against submission of Bank Guarantee issued from any Nationalized Bank for an equal amount valid till completion of supply (not less than six months).
- 40% of the order value shall be released upon satisfactory supply of the items.

5. Liquidated Damages:

If the supplier fails to deliver any or all of the goods or perform the contract within the time period specified in the contract, TRCMPU shall without prejudice to its other reminders under the contract, deduct from the contract price, as liquidated damages, a sum equivalent to

- a. 0.5 % of the unexecuted contract value for each week of delay. The total amount so deducted shall not exceed 5% of the contract value,

once the maximum is reached, we may consider the termination of the contract.

- b. However, genuine reasons if any will be given due consideration against documentary evidence before operating this clause.
- c. Any incidental taxes and levies on account of delay in performance of the contract by the supplier shall be at his account.

6. Testing / Test Certificates:

The successful tenderer shall produce the Test Certificates, if any at the time of delivery for all the materials used for the manufacturing.

7. Deviation Statement:

Non-compliance with even a minor technical requirement, terms and conditions should be specifically stated by the bidders in the technical deviation statement to be uploaded along with the bid.

ANNEXURE-I
SPECIFICATION

MOISTURE ANALYSER

Technical Specifications

1. **Quantity : 1**
2. **Maximum Weighing Capacity:** 70 g
3. **Readability (Weighing):** 1 mg (0.001 g)
4. **Readability (Moisture):** 0.01 %
5. **Sample Pan Size:** 90 mm diameter
6. **Repeatability (Typical):**
Starting at initial sample weight of approx. >5 g: ± 0.05 %
7. **Sample Heating System:**
Infrared heating using a metal tube heater (latest technology for smooth and accurate results)
8. **Temperature Range & Settings:**
40°C - 160°C, in increments of 1°C
Standby temperature selectable from 40°C to 100°C
9. **Display:** Touch Screen Graphical Display
10. **User Interface:**
Intuitive touch-screen with easy-to-understand menu
11. **Reading Display:**
Moisture content in % and g,
Dry matter in % and g
12. **Heating Programs:**
Standard drying, Gentle drying
13. **Shutoff Parameters:**
Fully automatic, Semi-automatic, Manual, and Timer settings
14. **Memory for Data Storage:**
Results saved until the start of the next measurement
15. **Interface:**
Mini USB, automatic printer detection, direct transfer to Microsoft® programs
16. **Sample Chamber:**
LED-illuminated chamber with viewing window on hood
17. **Hood:**
Removable hood with wide opening angle, easy to clean
18. **Accessories:**
Power cord, user manual, forceps
19. **Aluminum Sample Pans:**
Included (80 Nos)

HYGIENE METER

1.General

Quantity: 1

Unit dimensions (W x H x D) - 72mm x 19mm x 32mm

Unit weight (including batteries)- approx. 260g

Operating temperature range -5°C to 40°C

(Relative Humidity range- 20% to 85% non-condensing)

Storage temperature range- -10°C to 40°C

(Relative Humidity Range- 20% to 95% non-condensing)

2.UNIT DETAILS

Measurement range- 0 to 9999 RLUs

Measurement resolution- 1 RLU

Measurement time- 15 seconds

Measurement noise- ±5% or ±5 RLUs

User IDs- 50 IDs of 16 characters

Programmable result thresholds- 251 programs

Programmable location names- 251 names of 20 characters

Test plans- 20 plans of 251 programs

Results memory size- 2000 tests

Serial interface- EIA-232 compatible

DIGITAL THERMOMETER

1. Temperature range:-50-300 °C

2.Accuracy:(-50-200)° C/(-58-392) ° F ± 1° C(± 2 °F)
>200° C/392 °F ± 2 °C (±4° F)

3.Resolution: 0.1°C

4.Measurement interval :1-3 sec

5.Temperature upper/lower alarm

6.Low battery indicator

7.Battery:1.5V battery ('AAA')

8. Quantity: 1

HOT AIR OVEN

1.Temperature range: +5 to 200°C

2.Accuracy: ± 1 any temperatures

3.Approximate Capacity : 250 L

4.Power supply:230 volts,50 Hz AC

5. **Controller:** Digital PID temperature controller

- Quantity: 1

INCUBATOR

1.Temperature range:+5 to 110° C

2.Accuracy: ±1°C

3. Outer body:M.S Sheet,powder coated

4.Inner chamber:Stainless steel polished bright with slide channels on its walls for fixing shelves.

5. Temperature controlled by: Imported Hydraulic Thermostat/Digital Display proportionate temperature controller
6. Insulation: Glass wool 63mm Thick. Provided with inner plexiglass door.
7. Approximate Capacity: 250 L
8. Quantity: 1

GENERAL TERMS & CONDITIONS

1. Inspection:

The equipment under the purview of your supply should be inspected by your own technical experts at your works, and such Inspection Report should be forwarded to us in triplicate. However the TRCMPU reserves its right to inspect at any stage of fabrication / manufacture of the equipment / material. You should intimate TRCMPU without fail when the equipment is ready for inspection, including the stage wise inspection. You should not proceed with further manufacture and / or dispatch of equipment, without obtaining a clearance certificate after inspection or our written permission. You should forward to us the Test Certificates wherever applicable, obtained from concerned authorities / principal manufacturers either regarding quality of any other details of the items utilized in the process of manufacture / fabrication.

2. Dispatch Instructions:

The materials are to be dispatched to the project site by the mode of transport specified in the order under intimation to us. Depending on the type of material, you shall have to carry out proper packing / crating to avoid breakages in transit. Other details of dispatch such as marking consignee's particulars etc. are mentioned in the Purchase Order. For using any mode of transport other than the specified one, prior concurrence from us in writing should be obtained. All consignments should be dispatched on freight paid basis irrespective of price basis. In the event of freight payable extra by us, you shall have to obtain our prior approval and produce necessary documentary evidence in support of your claims. Unless otherwise stated, the original RR/LR should be sent by Registered Post directly to the consignee along with a copy of invoice and 2 copies of Delivery Challan / Packing List.

3. Insurance

You shall have to arrange all transit risk insurance, warehouse to warehouse basis including storage risk coverage for a period of 6 months from the date of arrival of goods at destination for the items to be supplied by you. In cases where orders are placed on ex-works basis, the premium shall be paid by us at actual to you against production of documentary evidence. In the event of any damage to / loss of consignment in transit, it will be your responsibility to lodge necessary claims with the carriers / underwriters and pursue them till settlement. Since the insurance policy will be obtained in our name, we shall, if required, give you necessary authorization letter authorizing you to lodge and pursue claims on our behalf with the carriers / underwriters. You shall also have to make good the losses / damages occurring in transit by making replacement / payment to us in the first instance; if claims are settled by the underwriters and any amounts are realized by us, the amounts thus realized in settlement of claims shall be reimbursed to you. In other words, the prima facie responsibility for getting compensation for the damages / losses incurred, due to all transit hazards, if any, rests with you.

In cases where the purchase order is placed on "free delivery at site" basis, no insurance premium will be paid by us. However in such cases also, all transit risk insurance policy must be obtained to safeguard your own interest and to protect the material against transit hazards.

4. Delivery

The stipulated delivery time given in the Purchase Order is the essence of this contract. You must therefore, strictly adhere to the delivery schedule mentioned in the Order.

5. Demurrage

You shall bear and reimburse to us full demurrage if any, paid by reason of delay on your part in forwarding the original dispatch documents at the destination mentioned in the Purchase Order.

6. Rejection:

We reserve the right to reject the goods either in part or full if at the time of delivery, if it is noticed that the goods supplied do not conform to the specifications / description given in the Purchase Order. The rejection, if any, will be intimated to you in writing within a reasonable time. You will be liable to repair / replace the rejected goods within the stipulated time. Till the repair / replacement is made, the rejected goods shall be lying at your risk, cost and responsibility. If you do not arrange to repair / replace the rejected goods within the period stipulated by us, we may dispose of such goods at your risk and in the manner which we think fit. We shall be entitled to retain the proceeds of disposal either in part or full towards the expenses incurred on storage, handling and disposal of the rejected goods. We shall also be entitled to recover the expenses made by us on storage and handling of such rejected goods till the goods are removed from our premises/stores.

7. Liquidated Damages and Recovery of Advance:

The accepted delivery schedule of supply and/or installation shall be governed by the Liquidated Damages and Recovery of Advance clause. Each unit of an item shall be delivered to destination and ready for operation not later than the delivery date specified in the purchase order. If you fail to deliver any of the goods or perform the services within the time period(s) specified in the purchase order, TRCMPU shall without prejudice to its other remedies under this purchase order, deduct from the order price as liquidated damages, a sum equivalent to 0.5% of the full Purchase order value for each week of delay. The total amount so deducted shall not exceed 5% of the purchase order value. Once the maximum is reached the TRCMPU may consider cancellation / termination of purchase order.

In case you fail to supply the equipment within the stipulated delivery period plus 20% of the same as grace period, subject to a minimum of 15 days, the purchase order shall stand cancelled and the supplier shall refund the advance, if paid, along with interest at the rate of 18% per annum compounded quarterly on the last day of March, June, September and December, on the advance paid, for the entire period for which the advance was retained by the supplier. This will be without prejudice to other remedies like risk purchase etc. Any incremental taxes, duties and levies on account of the delay in the execution of the purchase order by you will be to your account.

8. Guarantee

The supply of equipment as well as installation, if entrusted, shall have to be carried out by you to the entire satisfaction of TRCMPU. You shall also guarantee to repair / replace without any extra cost, the items or parts thereof, if found defective due to bad designing, workmanship or substandard material brought to your attention within 12 months from the date of putting on use / commissioning or 18 months from the date of receipt of material at site whichever is earlier. If it is necessary to send the defective equipment or parts thereof to your works for repair / replacement, without forming any precedence, the cost of repacking, loading, unloading, transportation from the site to your works and back to site shall have to be borne by you.

The guarantee however does not cover any damage resulting from normal wear and tear or improper attendance or mishandling of the equipment during repairs by personnel other than the supplier or his authorized agents.

In case of installation jobs you shall have to guarantee the complete installation for satisfactory performance for a minimum period of 12 months from the date of commissioning of the plant / equipment. Any defect arising out of faulty erection / installation or use of substandard material or workmanship shall have to be rectified by you at your cost.

9. Warranty

You must provide a warranty for a minimum period of 12 months from the date of commissioning of the equipment for satisfactory performance of the supplied equipment according to the designed / rated / installed capacity or any other norms fixed by TRCMPU.

10. Specifications & Manuals :

Operation and maintenance manuals and service instructions along with the drawings showing details of part list against each item of your supply be sent to us in triplicate.

You should also furnish us service requirements like water, electricity, lubricant, air etc., for each equipment wherever applicable.

You shall provide a list of spare parts, which will be required for the equipments supplied by you for at least one year of normal operation with the names and the addresses of the manufacturers from whom they can be procured. The list should contain the code numbers of the parts which are required to be procured, in addition to the machine number, models etc.

11. Submission of Bills :

Bills in triplicate under Registered Post, stating therein our Purchase Order reference along with necessary copies of Dispatch documents are to be sent to the respective Office. Unless otherwise stated the payment shall be made to you by Crossed Account Payee cheque by post according to the terms of payment mentioned in the Purchase Order.

12. Cancellation of Contract

We shall be free to cancel our order either in part or full, in the case of non-delivery of material / non-completion of installation within the stipulated delivery period or breach of any of the clauses mentioned herein. Consequential losses if any, on account of our getting installation done or obtaining supplies from alternative sources besides payment of higher price shall be recovered from you.

13. Sub- Contract

In the event of awarding sub contract to any party / parties by you for the manufacture / supply / erection of any parts / spares / components that will be used in the ordered equipment, you must furnish us details about your sub signature of bidders, their experience, specialization etc. The sub-contract can be awarded by you only after

obtaining written approval from us. In the event of sub-contract also the prima facie responsibility rests on you regarding quality, quantity, guarantee / warranty of the materials supplied by the sub-signature of bidders.

14. Force Majeure

The terms and conditions mutually agreed upon shall be subject to Force Majeure Clause. Neither the supplier nor the purchaser shall be considered in default in performance of his / their obligations here under if such performance is prevented or delayed because of war, hostilities, revolution, civil commotion, strike, epidemic accident, fire, wind, flood, earthquake or because of any law order proclamation, regulation or ordinance of any Government or of any act of God or any other cause whether of similar or dissimilar nature, beyond the reasonable control of the party affected. Should one or both the parties be prevented from fulfilling his / their contractual obligations by a state of Force Majeure lasting continuously for a period of six months, the two parties should consult each other regarding the future implementation of the contract / purchase order.

15. Power

Power will be supplied free of cost at one point. The bidder shall make his own arrangements to provide necessary cables isolators etc to tap the power to the point of requirement during erection work, as per standards.

16. Arbitration

In case of any dispute, the Registrar of Co-operative Societies of Kerala State shall be the sole Arbitrator as per the provisions of Kerala Co-operative Societies Act 1969.

17. Employees state insurance

The contractor shall arrange for insurance etc. of his people employed for erection and installation work as per ESIC act workman compensation and any other provision to meet statutory requirement of various labour Act / Rules. In case of accident to any of the workers during the period of installation, TRCMPU shall not bear any liability what so ever, the entire responsibility primary and final in this respect will be that of contractor.

18. Jurisdiction

THIRUVANANTHAPURAM (KERALA) Only

RARARAJ R KAS
MANAGING DIRECTOR