



The Bhagirathi Co-operative Milk Producers' Union Limited
(A Govt. of West Bengal Project)

NOTICE INVITING REVERSE AUCTION

BU/DAIRY/PM/1781

Date:05.02.2026

Reverse Auction for Supply, Installation and Commissioning of 10 KLPH Tri-Purpose Centrifuge Cream Separator along with One year onsite comprehensive warranty and service support.

Scope of Work

- Supply of 10 KLPH Tri-Purpose Centrifuge Cream Separator.
- Installation and commissioning with integration to existing pasteuriser line.
- Provision of necessary SS piping and fittings with bypass arrangement.
- Successful trial run and performance testing.
- Training of operators on operation and maintenance.
- Supply of essential tools, manuals, and recommended spare parts list.

Quantity: 01 No(s)

Tentative Delivery/ Supply Scheduled: Within 30 Days of the placement of the Purchase Order/Award of Contract.

Estimated Cost: Rs. 65,00,000/-

EMD: 1,30,000/-

Technical Specification: Annexure-A

Bid validity: 365 days

Documents to be furnished by bidder for Technical Bidding

1. The bidder must have a minimum of 3 years' experience in the supply, installation, and commissioning of dairy equipments in Milk Unions, Federations. Credentials (Completion Certificate/Work Order) in support of the same must be uploaded/submitted.
2. Company Documents like MOA & AOA, Partnership Deed or Proprietor Deed and enlistment certificate.
3. GST Registration Certificate and PAN card.
4. Average Annual turnover of Rs 1 crore in the last 3 years (2022-2023), (2023-2024) and (2024-2025). Audited Balance Sheet in support of the same must be uploaded.
5. Make and Model offered.
6. Manufacturing and service infrastructure details.
7. Declaration (Annexure-B) to be furnished on Letter Head.

General Terms & Conditions

1. Price to be quoted shall consist of costs of Equipment along with 1 year of onsite comprehensive maintenance, inclusive of all taxes and levies, transit insurance, freight, packing, loading, unloading and any other incidental charges. Kindly note that all cost should be taken into consideration while quoting the rates.



The Bhagirathi Co-operative Milk Producers' Union Limited

(A Govt. of West Bengal Project)

2. Inspection of materials may be undertaken at the supplier's premises whenever necessary by the Tendering Authority/ any officer authorized by the undersigned.
3. Bidders should have local arrangements for prompt after sales service of the installed unit as and when required within warranty period free of cost. The service must be attended within 24 hours from the receipt of the information.
4. Supply, installation & commissioning of the ordered item with all accessories must be completed within 30 days from the date of order. Trial – run of the whole unit will be done in presence of Milk Union's authorized personnel. Trial run report shall be submitted duly signed by the authorized personnel. Training of Operation & Maintenance to the operator will have to be imparted free of cost at the time of Commissioning & Trial run.
5. **Place of Delivery, Installation and Commissioning:** The office of The Bhagirathi Cooperative Milk Producers' Union Ltd. Feeder Dairy, Panchantala, Berhampore, Murshidabad, Pin-742101, West Bengal.
6. **Payment:** Tax Invoice against all supplies is/are to be sent in TRIPPLICATE and should invariably be submitted along with supply documents (Packing list, Challan, e-waybill etc.).
 - I. 80% payment shall be released in NEFT/RTGS in the Bank Account of the supplier on receipt of acknowledged copy of challan/Invoice etc. of the whole unit in good condition at the specified site duly certified by the Sectional Head.
 - II. 10% payment will be released after successful Installation, Commissioning, Testing, Trial run and Training of the whole unit duly certified by the official of Union.
 - III. Balance 10% will be released after 1 year. This shall serve as Performance Guarantee. The supplier may also submit equivalent amount of Bank Guarantee valid from the date of final run to a period not less than 365 days. In case the performance of the Unit does not adhere to the desired performance the Performance Guarantee shall be forfeited.
7. **Penal Measure:** Time being the essence of the contract failure to supply the materials within due time or delay in installation and commissioning of the materials shall invite penalty.
 - I. Liquidated damages of 0.5% per day subject to a maximum of 10% of the total cost of materials shall be charged if goods are not delivered in time and the amount will be deducted from the Security Deposit and bills submitted by the supplier.
 - II. For violation of any terms and conditions of the contract the Bhagirathi Milk Union reserves the right to cancel the contract without assigning any reason thereof. On termination of Contract the Security Deposit will be forfeited and



The Bhagirathi Co-operative Milk Producers' Union Limited

(A Govt. of West Bengal Project)

the resultant loss shall be recovered from the company. The subsequent company will be blacklisted for 3 years.

8. Mode of transportation for the supply of the goods to our site will be arranged by the bidder.
9. Materials dispatched from the bidder until they reach the Milk Union is the sole responsibility of the bidder. The Milk Union will not be responsible for any damage in transit, loading or unloading and no claim in this regard will be entertained.
10. **Loading and Unloading** and Transit insurance of the goods will be the responsibility of the bidder and no claim regarding this will be entertained.
11. **Documentation:** Supplier to submit the following documents at the time of delivery:
 1. Commercial/E-Invoice.
 2. E-Way bill
 3. Packing List
 4. Equipment Brochure comprising of Technical Specifications
 5. Operating Manual
 6. Cleaning & Maintenance Manual
 7. Warranty Card
 8. Acceptance Copy of Purchase Order/Award of Contract.
12. **Maintenance of Equipment:**
 - I. **Preventive maintenance:** should be done by the supplier's Service Engineer in each quarter. Preventive maintenance must comprise of cleaning of hardware, peripherals, voltage check and other requisites required to maintain health of the equipment. Service personnel of supplier must be present to ensure that the machine achieves satisfactory results as stipulated by In Charge Quality Control.
 - II. **Corrective maintenance:** Corrective maintenance must be done on call within 24 hours when the system is down and not in operation. The supplier must keep all spares in custody for speedy remedy. Equipment down must be brought into operation within 48 hours.
 - III. Cost involving preventive and corrective maintenance for 1 year should be taken into consideration while quoting the rates.
 - IV. Supplier must provide user friendly manual for machine maintenance and SOPs for preparation of all required consumables.
13. **Warranty:** All the spares and components listed above must be warranted by the supplier for a period of 1 year from the date of installation. If any component is found to be non-functional due to any manufacturing defect or because of poor workmanship the component must be immediately replaced with a new component by the supplier within 24 hours. In case the replacement is likely to take a longer period then the supplier must arrange for a substitute within 24 hours.
14. **Warranty Extension:** The warranty of equipment would be extended if equipment remains down during the warranty period, for more than period mentioned below:
 - I. If equipment has been down for more than 10 days in a year, warranty would be extended by one Month.



The Bhagirathi Co-operative Milk Producers' Union Limited

(A Govt. of West Bengal Project)

- II. If equipment has been down for more than 30 days due to malfunctioning of the any part supplied by bidder or want of spares/ consumable, warranty would be extended by one Year.
- III. If equipment has been down for more than one year due to malfunctioning of any part supplied by bidder or want of spares/ consumable, warranty would be extended by 1 Year.

15. **Standards:** The Goods supplied under this Agreement shall conform to the standards mentioned in the Technical Specifications and when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin.

16. **Registration of Goods:** If required under the Applicable Law, goods supplied under the Agreement shall be registered for use in India.

17. **Patent Rights:** The Supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.

18. **Packing:** The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Purchase Order.

19. **Termination for Default:** The Purchaser, without prejudice to any other remedy for breach of the Agreement, by written notice of default sent to the Supplier, may terminate this Agreement in whole or in part:

- I. If the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Purchase Order, or within any extension thereof granted by the Purchaser; or
- II. If the Goods do not meet the Technical Specifications or registration requirement (if any) stated in the Agreement; or
- III. If the Supplier, in the judgment of the Purchaser has engaged in fraud and corruption, in competing for or in executing the Agreement; or
- IV. If the Supplier fails to perform any other obligation(s) under the Agreement.

20. **Termination for Insolvency:** The Purchaser may at any time terminate the Agreement by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent.

21. **Termination for Convenience:** The Purchaser, by written notice sent to the Supplier, may terminate the Agreement or the Purchase Order, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of the Supplier under the Agreement or Purchase Order is terminated, and the date upon which such termination becomes effective. The Goods that are already supplied before the Supplier's receipt of notice of termination shall be accepted by the Purchaser at the terms and prices described in the Agreement and the Purchaser order.



The Bhagirathi Co-operative Milk Producers' Union Limited
(A Govt. of West Bengal Project)

22. **Dispute Resolution** Any dispute arising out of the Agreement, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with the Arbitration and Conciliation Act of 1996 of India. The venue of adjudication/arbitration shall be Kolkata. The language of arbitration shall be English.
23. **Applicable Law:** The Agreement shall be interpreted in accordance with the laws of Union of India.
24. **Force Majeure:** If, at any time during the subsistence of this contract, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, act of public enemy, civil commotion, sabotage, fire, floods, explosion, epidemics, quarantine restriction, strikers lockout or Act of God (hereinafter referred to as events) neither party shall have any claim for damages against other in respect of such non-performance or delay in performance.
25. The undersigned reserves the right to accept or reject any tenders and to cancel the entire tender process without assigning any reason whatsoever.

Sd/-

Managing Director
The Bhagirathi Cooperative
Milk Producers' Union Limited



The Bhagirathi Co-operative Milk Producers' Union Limited

(A Govt. of West Bengal Project)

Annexure-A

TECHNICAL SPECIFICATIONS OF 10 KLPH TRI-PURPOSE CENTRIFUGE CREAM SEPARATOR

1.0 FUNCTIONAL REQUIREMENTS

It would be used as separator, clarifier and standardizer for milk at the incoming temperature of approximately **45–50°C**.

2.0 DESIGN REQUIREMENTS

2.1 CAPACITY

- Separation – **10,000 LPH**
- Standardisation and clarification – **15,000 Lts./Hr.**
- Only clarification – **Minimum 1.50 times** the capacity mentioned above.

2.1.3 FINISH

All welding joints are to be ground smoothly. All stainless-steel surfaces should have finish as per dairy standard.

2.1.4 % OF FAT IN SKIM MILK

In case of fat separation by the centrifuge, the percentage of fat in skim milk should be **trace**.

3.0 SCOPE OF SUPPLY

3.1 THE CENTRIFUGE

The bowl, bowl hood, discs, distributors and other milk contact parts shall be made of stainless steel conforming to A/L standards.

The lock nut shall be of carbon steel, deep tinned.

The frame of the separator shall be of cast iron cladded with **AISI 304 SS**.

The motor shall have an SS cover.

The drive unit shall be mounted in the frame underneath the bowl.

The bowl sprinkler shall be driven by a worm and worm wheel mechanism connected to the motor shaft.

Motor: **3 Phase, 415 ±10%, 50 Hz AC**. Rating of above IP-68 with Class-F insulation.

3.2 ACCESSORIES

- **Lubrication system:** Splash lubrication
- **Controls:** Manual standardizing device
- **Flow meter:** For cream only – 2 Nos.
- **RPM measurement:** Pulse-type revolution counter – 1 No.
- **Brake:** Manual brake for quick slow-down of drum – 1 No.
- **Gasket:** Food-grade rubber, non-toxic, fat resistant, non-absorbent, smooth surface
- **Other accessories:** Manual regulating valve for skim milk outlet and manual standardizing device – 1 Set
- **SS panel:** Remote control panel with push buttons and indication lamps – 1 No.



The Bhagirathi Co-operative Milk Producers' Union Limited

(A Govt. of West Bengal Project)

- **Tools:** Essential special tools – 1 Set
- **Manual:** Operating manual to be provided
- **Spares:** List of recommended spares to be furnished separately at no cost

4.0 MAKE

Cream Separator – TETRAPAK / GEA / APV/ALFA LAVAL

INSTALLATION AND COMMISSIONING OF CREAM SEPARATOR

1. Supplier shall erect the cream separator with by-pass arrangement and connect it to the existing pasteuriser with necessary SS pipes and fittings. In case of welding joints inner argon welding should be provided.
 - Approx. SS pipe length:
 - Milk line: 38 mm – 10 m
 - Cream line: 25 mm – 5 m
2. Supplier shall commission the cream separator and conduct a satisfactory **7-day continuous trial run** at rated output and efficiency.
3. All rectification of damages, defects, and routine troubleshooting shall be carried out by the supplier.
4. During trial run, supplier shall carry out necessary minor modifications, if required, to maximise efficiency at his own cost.
5. Supplier shall demonstrate proper functioning of all mechanical and electrical controls, safeties, and protective devices in the presence of Federation/Union engineers, duly recorded.
6. Any defects arising during trial or guarantee period shall be attended within **2–3 days**, free of cost.
7. Power supply up to cream separator MCC panel is purchaser's scope. Any item not specifically mentioned shall be supplier's responsibility.
8. **Contract Amendment Clause:** Any modification must be mutually agreed in writing.
9. **Documentation Submission**
 - GA drawing
 - Foundation drawing
 - Electrical drawings
 - Operation & maintenance manuals
 - Spare parts catalogue
10. **Safety & Compliance**
 - Dairy safety standards
 - Electrical safety standards
 - Food-grade material compliance
 - Guarding and operator safety

Sd/-

Managing Director
The Bhagirathi Cooperative
Milk Producers' Union Limited



The Bhagirathi Co-operative Milk Producers' Union Limited
(A Govt. of West Bengal Project)

Annexure – B

(To be furnished on the Company's Letterhead)

1. I/We the undersigned solemnly declare that all the statements made in the documents, records etc., attached with this application are true and correct to the best of my/our knowledge.
2. I/We the undersigned do hereby certify that neither my/our firm/company has been blacklisted by any Milk Union, Milk Federation or NDDB in the past.
3. I/We the undersigned do hereby certify that we have understood the terms and conditions and shall unconditionally comply to the terms and conditions of the Tender/Reverse Tender document.
4. I/We the undersigned authorize (s) and request any bank / person / firm / corporation / Government Departments to furnish pertinent information deemed necessary and requested by The Bhagirathi Cooperative Milk Producers' Union Ltd. to verify the statement made by me/us or to assess my/our competence and general reputation.
5. I/We the undersigned, understand(s) that further qualifying information / clarifications on the statement made by me / us may be requested by The Bhagirathi Cooperative Milk Producers' Union Ltd and agree(s) to furnish such information/clarification within seven days from the date of receipt of such request from The Bhagirathi Cooperative Milk Producers' Union Ltd.
6. **We hereby declare that we shall supply cream separator of make TETRAPAK / GEA / APV/ ALFA LAVAL against the tender/ reverse auction.**
7. I/We agreed to abide by the terms & conditions of the Tender/Reverse Auction.

Dated Signature of Applicant with date and seal: