



The Bhagirathi Co-operative Milk Producers' Union Limited

(A Govt. of West Bengal Project)

BU/MDO/RIDFXXIX/0849

Date:01.09.2026

Reverse Auction for the Supply, Installation and Commissioning of Crate Washer along with One year onsite comprehensive warranty and service support.

The Bhagirathi cooperative Milk producers' Union Limited invites a Reverse Auction for the procurement, Installation and commissioning of Crate Washer 800–900 crate per hour as per specification, terms and conditions mentioned hereunder:

Scope of Work

- Supply of fully automatic crate washer suitable for Bhagirathi dairy operations.
- Capacity: 800–900 crates per hour.
- Stainless steel construction with hygienic design.
- Multi-stage washing (pre-rinse, detergent wash, hot water rinse, final rinse).
- Energy-efficient operation with water recycling system.
- Installation, commissioning, and operator training.
- Warranty and after-sales service support

Quantity: 01 No(s)

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

Estimated Cost: Rs. 20,00,000/-

EMD: Rs. 50,000/-

Technical Specification: Annexure-A

Bid validity: 365 days

Technical Bid documents to be furnished by Bidder:

1. Company Documents like MOA, AOA/ Partnership/ Proprietorship deed, Trade License/Certificate of Enlistment.
2. Company of a minimum of 3 years of work experience in supply, installation and commissioning of dairy machinery, equipment to any Milk Union or Federation. (Work Orders or Completion Certificates in support of same must be provided)
3. GST certificate and PAN card.
4. Bidding Firm must have average annual turnover of 50 Lakhs in last 3 financial years (2023-24, 2024-25, 2025-26) IT Return & Audited balance for the same must be uploaded.
5. Declaration as per **Annexure-B** in Company's Letterhead.
6. Brochure of Equipment.

General Terms and conditions:

1. Price to be quoted shall consist of cost of equipment along with 1 year of onsite comprehensive maintenance, inclusive of all taxes and levies, transit insurance, freight, packing, loading, unloading, installation, commissioning and any other incidental charges. Kindly note that all costs should be taken into consideration while quoting the rates.
2. Inspection of materials may be undertaken at the supplier's premises whenever necessary by the Tendering Authority/ any officer authorized by the undersigned.



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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 60 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 invoices for all supplies shall be in TRIPLICATE and should invariably be submitted along with supply documents (Packing list, Challan, e-waybill, manuals, drawings 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 submission of equivalent amount of performance bank guarantee valid for 1 year from the date of final commissioning. 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 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 no claim in this regard will be entertained.



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10. Loading and Unloading and Transit insurance of the goods will be responsibility of the bidder and no claim regarding this will be entertained.
11. **Documentation:** The supplier shall submit the following documents at the time of delivery: Commercial/E-Invoice, E-Way bill, Packing List, Operating Manual, Warranty Card and Order Acceptance Copy.
12. **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.
13. **Warranty Extension:** The warranty for 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.
 - II. If the equipment is down for more than 30 days due to malfunctioning of any part supplied by bidder or want of spare/consumable warranty it would be extended by one year.
 - III. If the 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.
14. **Packing:** The supplier shall provide such packaging of goods as is required to prevent their damage or deterioration during transit to their destination, as indicated in the Purchase order.
15. **Termination for Default:** the Purchaser, without prejudice to any remedy for breach of 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 requirements (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.



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16. **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.
17. **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.
18. **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.
19. **Applicable law:** the Agreement shall be in accordance with the laws of union of India.
20. **Force Majeure:** if, at any time during the subsistence of this contract, the performance in whole or in part by either party of 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.
21. The undersigned reserves the right to accept or reject any tenders and cancel the entire tender process without assigning any reason whatsoever.

Sd/-

Managing Director
The Bhagirathi Cooperative
Milk Producers' Union Limited



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ANNEXURE-A

TECHNICAL SPECIFICATION OF CRATE WASHER

General Requirements

- Fully automatic crate washer with conveyor system.
- Capacity: **800–900 crates per hour.**
- Type: **Straight Through Crate Washer**
- Track: **Single Track**
- Design: **Slanting (Inclined) Type**
- **Material of Construction (MOC):**
Base frame, support, structure: **SS 304 Stainless Steel or higher grade.**
Conveyor chain: **Stainless Steel 304 grade.**
Pumps and piping: **SS 304 with corrosion-resistant fittings.**
Nozzles: **High-pressure stainless steel spray nozzles**
- Compact design with easy access for maintenance.
- **Machine Dimensions: $L \times B \times H = 25.6 \text{ ft} \times 5.6 \text{ ft} \times 6 \text{ ft}$ (approx.) (The machine must fit within the allocated space and should not exceed these dimensions)**

Construction Details

- Body: **SS 304 Grade, 2 mm thickness**
- Underframe: **SS 304 Grade**
- Track: **$30 \times 8 \text{ mm Flat}$**
- Conveyor Chain: **SS 304 Grade, 8 mm Dia Link Chain**

Conveyor & Drive System

- Conveyor: Chain type suitable for continuous operation
- Drive Motor: **2 HP, 3 Phase, 1440 RPM**
- Gearbox: Suitable geared drive system

Washing System

- Multi-stage washing comprising:
 - First rinse
 - Hot detergent rinse
 - After rinse
- System designed to **minimize intermixing of solutions between chambers**

Pumps

- Total Pumps: **03 Nos. (Make: Kirloskar, with stainless Steel Impellers)**
 - First Rinse Pump: **5 HP**
 - Hot Detergent Rinse Pump: **7.5 HP**
 - After Rinse Pump: **5 HP**

Spray System

- Nozzles: **Hexagonal head type**



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- Spray Pattern: **Slit type openings**

Control System

- Remote control panel (pre-wired) to be provided
- **Integration with plant MCC to be done at site**

Safety & Hygiene Features

- Emergency stop switches.
- CIP (Clean-in-Place) system.
- Water recycling and filtration system.
- Compliance with ISO 22000 / HACCP standards.

Documentation & Support

- Operation & Maintenance Manual.
- Electrical and mechanical drawings.
- Warranty: Minimum 12 months from commissioning.
- After-sales service and spare parts availability for at least 5 years.

Sd/-
Managing Director
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Milk Producers' Union Limited



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ANNEXURE-B

DECLARATION TO BE FURNISHED IN LETTERHEAD OF BIDDING ORGANIZATION

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. I/We agreed to unconditionally abide by the terms and conditions of this Reverse Auction Notice

Dated Signature of Applicant with Seal:
To be signed by the officer authorized by the Firm/
Company to sign on behalf, the Firm/
Company with company's seal)