



# MAHANAND DAIRY

MAHARASHTRA RAJYA SAHAKARI DUDH MAHASANGH MARYADIT

WESTERN EXPRESS HIGHWAY, GOREGAON (EAST) MUMBAI - 400 065. PH. -  
26856360/61, 26856936. FAX – 26856780

## REQUEST FOR QUOTATION (RFQ)

**Enquiry Ref: MRSDMM: PUR: MNA:05**

**Date: 22/01/2026**

**Subject:** Enquiry for Supply, Installation, Testing & Commissioning (SITC) of **Fully Automatic Web Sealer with Shrink Wrapping Machine with Carry Handle Applicator for Milk Tetra Brik Packing** at MRSDMM, Mumbai as per enclosed Technical Specifications & scope of works.

Sr. No.	Item / Job description	Qty
	<b>SUPPLY INSTALLATION TESTING AND COMMISSIONING OF GOODS/EQUIPMENT</b>	
1	Supply, Installation, Testing & Commissioning (SITC) of <b>Fully Automatic Web Sealer with Shrink Wrapping Machine with Carry Handle Applicator for Milk Tetra Brik Packing</b> at MRSDMM, Mumbai as per enclosed Technical Specifications & scope of works	<i>1 unit (As per attached SOQ)</i>

The Technical Specifications (Annexure-I), Schedule of Quantity (SOQ) (Annexure-II) and Terms & Conditions (Annexure-III) for the above mentioned job are enclosed.

1. The bidding system is on internet platform. The site can be accessed through [www.ncdfimarket.com](http://www.ncdfimarket.com) maintained by National Cooperative Dairy Federation of India Ltd (NCDFI), which will be the venue for online bid submission.
2. All the registered members of the NCDFI eMarket, on deposit of EMD, are eligible to participate in the bidding.
3. Completion Period : 30 days from the date of Purchase Order
4. Offer Validity : 90 days from the date of opening of bids
5. Place of Delivery : Maharashtra Rajya Sahakari  
Dudh (Project Site) Mahasangh Maryadit, 6. Mumbai –  
400065 (Maharashtra).



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7. All prices shall include applicable GST and shall be on free delivery at site basis, including packing, forwarding, freight up to site, and unloading. Please quote the PRICE as per enclosed SOQ and terms & conditions.
  8. Please furnish full technical particulars of equipment offered along with product catalogue and detailed explanatory notes on the technical deviations, if any.
  9. Deviations in commercial terms & conditions of the enquiry are not permitted.
  10. MRSDMM shall not take the responsibility for delay in receipt of the sealed tender documents at the above address, sent by post or courier or in person.
  11. Bidders should furnish their GST Registration No. and PAN No. in their offer, if applicable.
  12. Duly sealed and signed copy of enquiry document (RFQ) and pointwise compliance statement of technical specification parameters should be returned / submitted.
  13. MRSDMM at its sole discretion and without assigning any reason thereof, reserves the right to accept and / or reject any or all bids. MRSDMM also does not bind itself to accept the lowest bid
  14. All the **Offer shall be evaluated on overall cost basis.**
  15. GST TDS as per section 51 of CGST Act 2017 will be deducted, if applicable
  16. **Transaction Charges (TC):** NCDFI will levy TC from the successful bidder @0.4% + GST. Unsuccessful bidders need not pay any charges.
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17. **TDS:** NCDFI will deduct TDS u/s 194 (O) from the seller's EMD on projected trade value at the time of issuance of the Bid Evaluation Result as statutory compliance.
18. **Earnest Money Deposit (EMD):**
- All the bidders have to deposit **EMD Rs 25,000** in their NCDFI's escrow account for participation in the eAuction/bidding.
  - EMD by the bidder shall carry no interest.
  - For successful bidder(s), the EMD shall be returned after deduction of the applicable TC and TDS on successful completion of the contract, whereas the EMD of the unsuccessful bidders will be released after completion of the eAuction.
  - In case the bidder fails to deliver the goods within the stipulated period, the EMD of the bidder will be forfeited.

After transferring the EMD, bidders must send an email confirmation to:

□ [jagrut@ncdfimarket.com](mailto:jagrut@ncdfimarket.com)

EMD Confirmation Email Format:

Bidder Name	Amount Paid (₹) (In Figures & Words)	Bank Name	UTR No. & Date
[Company Name]			

**Note:**

For any technical clarifications please contact:

Shri Bhavesh Patil

Contact No.: 9967435680

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Thanking you,  
For Maharashtra Rajya Sahakari Duddh  
Mahasangh Maryadit

Mohd. Nasim Akhter

Email – [mnakhter@nnd.coop](mailto:mnakhter@nnd.coop)

ENCL:

- i. Annexure I - Technical Specifications, Drawings & BOQ
- ii. Annexure II – Scope of works and terms & conditions
- iii. Annexure III – Price Schedule
- iv. Annexure IV - Enquiry Terms & Conditions



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## **Annexure – I & II**

### **Technical Specifications & Scope of work for Supply, Installation, Testing & Commissioning (SITC) of Fully Automatic Web Sealer with Shrink Wrapping Machine with Carry Handle Applicator for Milk Tetra Brik Packing at MRSDMM, Mumbai**

The bidder shall supply, install, test, and commission a Fully Automatic Web Sealer with Shrink Wrapping Machine along with Carry Handle Applicator for packing milk tetra briks at MAHANAND Dairy, Mumbai.

The bidder shall study the available installation space at site and ensure proper layout planning for installation of the complete system. The proposed equipment shall be fully synchronized and integrated with the existing Tetra Pak A3 Flex milk filling machine to achieve the desired output and smooth line operation.

#### 2. SCOPE OF WORK

The scope of work shall include, but not be limited to, the following:

Design, manufacture, supply, installation, testing, and commissioning of the complete system comprising:

- Fully Automatic Web Sealer
- Shrink Wrapping Machine
- Carry Handle Applicator
- Tetra Pack Diverting Converter
- Y-Type Conveyor
- Packing Conveyor
- Side Roller Conveyor for Carton Taping
- Electrical, pneumatic, and mechanical integration with the existing milk tetra pack production line.

Supply of all accessories and components, including:

- Control panels
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- PLCs and HMI
- Drives, motors, sensors
- Pneumatic components
- Safety guards and interlocks
- Training of operating and maintenance personnel at site.(Manual for preventive maintenance)

Warranty and after-sales service support, including availability of spares and technical assistance.

## 3. TECHNICAL SPECIFICATIONS

### 3.1 Product Details

Product: Milk Tetra Brik (1 L)

Single Brik Dimensions (L × W × H): 9.1 × 6.0 × 20.5 cm

Pack Configuration: 4 Briks (2 × 2 arrangement)

Pack Dimensions (L × W × H): 19 × 12.7 × 20.5 cm

### 3.2 Performance Requirements

Parameter	Requirement
Brik Throughput	7,000 briks/hour (Maximum up to 9,000 briks/hour)
Pack Output (4-pack)	1,750 packs/hour (Maximum up to 2,250 packs/hour)
Shrink Machine Output	16–18 packs/min per machine
Total Line Output	Approx. 36 packs/min (2 machines)

## 4. TETRA PACK DIVERTING CONVERTER – TECHNICAL SPECIFICATION

Conveyor Type: Modular Belt Conveyor

Design: L-Type Folding Conveyor

Speed Control: Variable Speed Drive (VSD)

Operation: Single-track input converted to multi-track output



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Application: Feeding tetra packs to the shrink wrapping machine

## 5. WEB SEALER & SHRINK TUNNEL – TECHNICAL SPECIFICATION

### 5.1 Web Sealer

Sealing Arm: 24” Front Sealing Arm

Sealing Knife: Continuous heating, Teflon-coated sealing knife (24”) with film guard

Pneumatic Pusher: Double-track pusher system

### 5.2 Shrink Tunnel

Conveyor Type: SS Mesh Net Chain Conveyor

Insulation: Glass wool insulation, 2.5” thickness

Body Construction: Stainless Steel SS 304

## 6. CARRY HANDLE APPLICATOR – TECHNICAL SPECIFICATION

Parameter	Specification
Application	Automatic carry handle application for 4-pack (2×2)
Machine Type	Fully automatic, servo-driven
Handle Type	Laminated paper + film OR PP adhesive tape
Handle Width	25 mm / 30 mm
Handle Length	Adjustable from 300 to 500 mm
Parameter	Specification
Capacity	16–18 packs/min
Placement Accuracy	±5 mm
Control System	PLC with Touchscreen HMI

## 7. CONVEYOR SYSTEMS

### 7.1 Y-Type Conveyor

Function: Merging of two product lines into a single line

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Product Detection: Photo sensor-based diverting system

## 7.2 Packing Conveyor

Type: Double Belt Conveyor (Top and Bottom belts)

Material of Construction: Stainless Steel SS 304

## 7.3 Side Roller Conveyor for Carton Taping Carton Size Range:

Minimum: 200 × 200 × 200 mm

Maximum: 500 × 500 × 500 mm

## SITE VISIT & LAYOUT RESPONSIBILITY CLAUSE

Mandatory Site Visit

The bidder shall carry out a mandatory site visit at MAHANAND Dairy, Mumbai, prior to submission of the bid, to assess the available space, existing utilities, floor conditions, access, and operational constraints.

Study of Existing Line

The bidder shall study the existing Tetra Pak A3 Flex milk filling and packing line, including downstream and upstream equipment, to ensure seamless integration, synchronization, and uninterrupted operation of the proposed Fully Automatic Web Sealer, Shrink Wrapping Machine, and Carry Handle Applicator.

Layout Finalization Responsibility

The bidder shall be fully responsible for:

Preparation and submission of detailed GA drawings and layout plans  
Finalization of machine positioning, conveyor routing, safety clearances, and maintenance access

Ensuring compliance with plant space limitations and statutory safety norms

The final layout shall be approved by MAHANAND Dairy before execution. No Additional Cost Due to Space Constraints it shall be deemed that the bidder has fully understood site conditions and space availability.

Any modification in equipment design, conveyor length, configuration, or accessories required due to space constraints shall be carried out at no extra cost to MAHANAND Dairy.

Integration & Synchronization Responsibility

The bidder shall ensure that the complete system:

Is fully synchronized with the existing Tetra Pak A3 Flex machine

Matches the required throughput without causing product accumulation or line stoppages

Maintains product quality and safety during transfer and packing

Utilities & Interface Verification The bidder shall verify availability and adequacy of power supply, compressed air, and other utilities during the site





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visit. Any additional interconnections required for proper operation shall be included in the bidder's scope and quoted price.

No Claim Clause No claim for additional cost, time extension, or commercial adjustment shall be entertained on account of:

Site conditions

Space limitations

Interfacing with existing equipment

Layout changes identified during or after installation

Site Visit Certificate (If Applicable)

Where required, the bidder shall submit a Site Visit Certificate, duly signed by the authorized representative of MAHANAND Dairy, along with the technical bid

## ANNEXURE - IV

### Maharashtra Rajya Sahakari Dudh Mahasangh Maryadit (MRSDMM) General Terms and Conditions for Restricted Enquiry

- 1. DESCRIPTION:** Full details of materials including the manufacturer's name, model no. and MRP details / current price list of items must be mentioned/enclosed wherever requested. Full details of promotional schemes, if any on the items being quoted would be given in the offer.
  - 2. TECHNICAL DETAILS:** Quotations required to be submitted with drawing, specifications or as per drawings, specifications given in the enquiry and submitted as such, shall be deemed to mean that the bidder submitting such a bid is fully acquainted with the technical details.
  - 3. PRICE:** The price quoted must be firm and free from escalation. The price should be inclusive of taxes as applicable. The amount towards the taxes
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so considered and included in the price should be indicated and shown separately as % of base price. Bidder should clearly state the percentage of discount if offered by him. Any incremental taxes and levies on account of delay in execution of purchase order by bidder will be on bidder's account. Bidder shall be responsible for selection of appropriate HSN/ SAC code and applicable GST thereon for the items quoted by them.

- 4. DATE OF DELIVERY:** Date of delivery prescribed shall be deemed to be the essence of the purchase order/contract. Each unit of an item shall be delivered to destination not later than the delivery date specified in the order.
  - 5. LIQUIDATED DAMAGES:** If the bidder fails to deliver any or all the goods or perform the services within the time period(s) specified in the purchase order/contract, the MRSDMM shall, without prejudice to its other remedies under the purchase order/contract, deduct from the purchase order/contract price, as liquidated damages, a sum equivalent to:
    - (a)** 0.5% of full contract value for each week of delay or part thereof.  
-The total amount so deducted shall not exceed 10% of the purchase order/contract value. Once the maximum is reached, the MRSDMM may consider cancellation/ termination of purchase order/ contract, and forfeiture of performance/ deposit bond.
  - 6. CANCELLATION OF CONTRACT AND REFUND OF ADVANCE:** MRSDMM shall be free to cancel the order either in full or in part, in the case of nondelivery of material/ non completion of installation within the stipulated delivery period or breach of any of the clauses mentioned herein. In the event of cancellation of order, the supplier/ contractor will be liable to refund the advance, if paid, along with interest at the rate of 9% per annum on the advance paid for the entire period for which the advance was lying with the supplier/ contractor. The supplier/ contractor has no right to forfeit the advance amount received by him and shall have to return the advance amount with accrued interest calculated @9% p.a.
  - 7. Terms Of Payment:**
    - a. 90% payment shall be released within 30 days after safe receipt of material at site & satisfactory completion of installation.
    - b. Balance 10 % of the total contract value shall be released within 30 days after completion of warranty period **OR** against the submission of Bank Guarantee of the same amount valid till **warranty period plus 3 months claim period.**
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All the bank guarantees should be in the pro-forma prescribed by the MRSDMM and issued by a Nationalised Bank. The performance/retention bank guarantees should be valid up to **warranty period plus 3 months claim period.**

**8. INSURANCE:** In case where the purchase order is placed on “free delivery at site” basis, all transit risk insurance policy may be obtained by the supplier/ contractor to safeguard their own interests and to protect the material against transit hazards.

**9. REJECTION:** The MRSDMM reserves the right to reject the goods either in full or in part, if at the time of delivery, it is noticed that the goods supplied do not conform to the specifications/ description given in the purchase order. The rejections, if any, will be intimated to you in writing within a reasonable time. You will be liable and responsible to repair/ replace the rejected goods within the stipulated time. No extra payment shall be made for such replacement to the supplier/ contractor for freight, unloading and insurance etc. 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 off such goods at your risk and in the manner we think fit. MRSDMM shall be at liberty to purchase the quantity of items rejected from other parties without giving any notice and at your risk & cost and recover the additional expenditure, if any, from any of the outstanding dues of the supplier/ contractor. MRSDMM shall 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.

**10. GUARANTEE:** The supply of equipment as well as installation, if entrusted, shall have to be carried out by the supplier/ contractor to the entire satisfaction of the MRSDMM. The supplier/ contractor shall also guarantee to repair/ replace without any extra cost, the items or parts thereof, if found defective, due to bad design, workmanship or substandard material brought to the attention within 12 calendar months from the date of putting on use/ commissioning or 18 calendar 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 supplier/ contractor’s works for repair/ replacement without forming any precedence, the cost of repacking, loading, unloading, transportation to supplier/ contractor’s site and back will be borne by the supplier/ contractor. The guarantee 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/ contractor or his authorised agents. In case of installation jobs, the contractor will have to guarantee the complete installation for

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satisfactory performance for a minimum period of one year from the date of commissioning of the plant. Any defect arising out of faulty erection/ installation or use of substandard material or workmanship shall have to be rectified by the contractor at his own cost.

- 11. WARRANTY:** The supplier/ contractor must provide a warranty for a minimum period of 12 calendar months from the date of commissioning of equipment for the satisfactory performance of the supplied equipment according to the designed/ rated/ installed capacity or any other norms fixed by MRSDMM. If the equipment remains out of order during this period, the warranty will be accordingly extended by period the equipment was out of order due to non-repair by the supplier/ contractor.
- 12. SPARES:** You shall provide a list of spare parts, which will be required for the plants and equipment supplied by you for at least two years of normal operation with the names and the addresses of the manufacturers from whom these 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.
- 13. ARBITRATION:** In the event of any dispute in the interpretation of the terms of this agreement/purchase order or difference of opinion between the parties on any point in the purchase order arising out of or in connection with the agreement/accepted purchase order or with regard to performance of any obligation hereunder by either party, the parties hereto shall use their best efforts to settle such disputes or difference of opinion amicably by mutual negotiations. In case no agreement is reached, either party may forthwith give to the other, a notice in writing of the existence of such question, dispute or difference of opinion and the same shall be referred to the adjudication of sole arbitrator to be mutually appointed by both the parties, whose decision in the matter shall be final and binding on the parties. The arbitration proceedings shall be governed under the provisions of the Indian Arbitration & Conciliation Act, 1996 and the rules thereunder or any statutory modification thereof for the time being in force. In this agreement/purchase order, venue of such arbitration shall be Mumbai (Gujarat) and courts at Mumbai alone shall have jurisdiction regarding any matter arising out of this agreement.
- 14. JURISDICTION:** Mumbai only.
- 15.** The MRSDMM does not bind itself to accept the lowest quotation and reserves the right of accepting / rejecting any quotation in part or full
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without assigning any reason. MRSDMM does not bind itself to accept the lowest bid and reserves the right of accepting / rejecting any bid in part or full without assigning any reason.

**Note:** i) Deviations in commercial terms and conditions of the bid are not permitted. ii) The Bidder should mention the HSN/ SAC Code of each item along with their offer.

iii) GST TDS as per section 51 of CGST Act 2017 will be deducted, if applicable.

iv) Bidders to submit the following details along with their offer:

**A. State from where the goods will be supplied/ Invoices will be made:** -----

**B. Corresponding GST No. (of that state):** -----

