The Bhagirathi Co-operative Milk Producers' Union Limited

(A Govt. of West Bengal Project)

BU/P&I/NPDD(COMP-A)/1380 Date: 19.11.2026

Reverse Auction for Supply of 375 No(s) Stainless Steel Milk Cans (40 Ltr) with Lid.

Scope of Work: Supply of 375 Stainless Steel Milk Cans (40 Ltr) with Lid
Estimated Cost of Tender: Rs 20,62,500/-
EMD: Rs 41,250/-
Quantity Required: 375 No(s)
Technical Specification: As per **Annexure-A**
Tentative Delivery/Supply Schedule: Within 30 days of placement of Purchase Order cum AOC
Bid Validity: 180 days

Documents to be furnished by bidder for Technical Bidding

1. Minimum 5 years of experience in supply of at least 1000 no(s) SS Cans. Credential (Completion Certificate or Work Order) in support of the same.
2. GST Registration Certificate.
3. PAN Card.
4. Average Annual turnover of 50 Lakhs in the last 3 years (2023-2024), (2024-2025), (2025-2026) Audited Balance Sheet in support of the same must be uploaded.
5. Income Tax Return of previous three consecutive financial years (2023-2024), (2024-2025), (2025-2026)
6. Declaration as per **Annexure-B**

General Terms and Condition:

1. **Rate to be quoted by the Bidder:** Rate quoted by the bidder shall be inclusive of all Taxes and Levies, GST other charges/ taxes if any for the delivery of the Materials in the office of the Bhagirathi Cooperative Milk Producers' Union Ltd.
2. **Place of Delivery:** In the office of the Bhagirathi Co-operative Milk Producers' Union (BCMPUL) Feeder Dairy, Panchanantala, Berhampore, Murshidabad, W.B. 742101.
3. **Price Escalation**: The price quoted should be fixed and shall not be subjected to any escalation.
4. **Warranty:** 1 year warranty to be provided by the Supplier.
5. **Documents:** All the delivery of the Materials should accompany with:
   - Commercial/E-Invoice (Original and three copies)
   - E-Way bill
   - Goods Description, Quantity, Unit price, Total amount, applicable GST rate & amount, HSN code etc.
   - Supplier's Warranty Certificate, if applicable.
   - Any other document evidencing payment of statutory levies.
   - Acceptance Copy of Purchase Order/Award of Contract.
6. **Payment Terms**: Payment shall be made within forty-five (45) days from the date of successful delivery of the materials in good condition, duly certified by the concerned official and approved by the Competent Authority. The payment shall be released through NEFT/RTGS to the supplier's bank account upon submission of three (3) copies of the invoice along with all documents specified under the Documentation Clause. Bhagirathi Milk Union reserves the right to withhold payment in the event of any violation of the terms and conditions of the tender by the supplier.
7. **Mode of Transport & Transit Insurance:** Mode of transportation and transit insurance for the supply of the goods will be arranged by the supplier**.**

8. **Unloading of Material:** Unloading of goods shall be the sole responsibility of the supplier. If the Milk Union makes unloading arrangements on behalf of the supplier, the cost of unloading shall be deducted from the bills of the supplier. The unloading shall be done within office hours. (10:00 am to 06:00 pm).
9. **Marking**: **Each Can shall be marked legibly and permanently with at least following particulars:**
    - **Manufacturer's name or initial or trademark on can and lid.**
    - **The rated capacity of the Can in Litres.**
    - **Identification mark on can.**
    - **Material of Construction: AISI 304 SS**
    - **Markings: BCMPUL-2026 NPDD must be inscribed**
10. **Acceptance of Material:** Quantitative Test and Qualitative tests (like drop tests, pressure tests, etc.) may be carried out as per BIS norms prior to acceptance of material. Material must be suitably packed and transported such that it does not contain scratches, dents etc. Material supplied should meet the functional requirements and conform to technical specifications as enshrined in this document. Materials not adhering to specifications and not meeting functional requirements shall be rejected. Upon rejection the material must be lifted by the supplier from the warehouse of the Milk Union within 30 days, failing to which the Milk Union shall dispose of the material and no claim in this regard shall be entertained.
11. **Liquidated Damage:** If materials are not delivered within the due date and time the Milk Union reserves the right to impose a penalty Rs. 500/- per day subject to a maximum of 10% of the total cost and the damage shall be recovered from the bills of the supplier.
12. **Cancellation of Contract:** If the materials are not delivered in a reasonable time, then the Milk Union reserves the right to cancel the Contract/Order. Upon cancellation of the Order the bidder shall be blacklisted by the Milk Union.
13. **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.
14. **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.
15. The order shall also take the General Terms and Conditions stipulated by NCDFI in the Reverse Auction Notice referred above.

Sd/-
Managing Director
The Bhagirathi Cooperative
Milk Producers' Union Limited

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Annexure-A

Technical Specifications

Specification of 40 L Stainless Steel Milk Cans with lid (confirming to BIS /NDDB)

1. Functional Requirements:

Cans shall be used for collection and delivery of milk from milk producers to dairy co-operative societies (DCS), transportation of milk from milk collection centres to Dairy Plants and for handling milk in the Dairy plants.

2. Design Requirements:

Dimensions:

Normal Capacity	:	40 Litres + 2%
Total height, mm (without lid)	:	591 +/- 4
External dia at base, mm	:	346 +/- 3
Internal dia of body, mm	:	340 +/- 3
Internal dia at neck, mm	:	200 +/- 0.5
Minimum hardness (Brinell hardness)	:	200 BH for body, 150 BH for bottom
Minimum weight, Kg (can plus lid)	:	8.2 [Can 7.2 Kg minimum + Lid 1Kg (approx)] Maximum weight, Kg (can plus lid)
	:	8.5 Kg

3. Material of construction:

The can body, lid, handle and bottom ring shall be made from Stainless steel sheet/flat/rod conforming to AISI 304 grade and manufactured by SAIL or Jindal. The can body shall be fabricated from a sheet blank having minimum thickness of 1.2 mm. After fabrication, minimum thickness at the neck, body and bottom should be minimum 0.95, 1.00 and 1.10 mm respectively. Bottom ring flat shall have minimum thickness of 2.0 mm and the handle with 12 mm diameter rod. The lid shall be fabricated from two stainless steel (AISI 304) sheets, the cup is of 0.8 mm thickness and saucer is of 1.0 mm thickness. Thickness of top of the lid comes to minimum 1.8 mm (1 + 0.8).

4. Fabrication:

4.1 **Body:** Complete body shall be fabricated in two pieces. The bottom and top halves shall be deep drawn and spinned. The top and bottom pieces shall be welded circumferentially. All welding shall be done with argon arc process (TIG) and ground smoothly. Top edge of the neck shall be folded.

4.2 **Handle**: Shall be made of SS, AISI 304, designed to give good grip of the can welded on the taper neck with 2 nos pad plates for each handle, adequately thick, to avoid any protrusions inside the Can.

4.3 **Bottom ring**: The bottom ring shall be secured to the body of the Can firmly so that even after repeated years of usage it should not come out or get loosened. These shall be made from SS, AISI 304, and 2 mm thick sheet formed and rolled. The bottom ring shall be shrink-fitted with proper locking arrangement on the body. The bottom ring shall permit draining of water and detergent from bottom of the reversed can and there shall not be any cavity on the ring, which could lead to unhygienic conditions.

4.4 **Lid**: The lid shall be of SS, AISI 304. The conical skirt shall be provided with 3 nos. air equalizing holes of 12 mm dia each. The lid shall have mushroom shape to drain off any water outside. The lid shall be provided with two nos. punched holes of 8 mm dia on the mushroom canopy near periphery of lid for locking/ sealing the Can. The cup and saucer portions of the lid shall be welded to each other circumferentially, preferably by fusion welding process. In case fusion welding is not done, it shall be done by employing TIG process. There shall not be any

deformation or unevenness, and it should be ground smooth.

4.5 **Welding**: For fabrication of the Can only argon arc welding process shall be used. Being a thin sheet material parent material fusion welding technique may be applied and if required, AWS ER 308 L filler wire may be used for welding of ring, handle etc. All welding shall be done by argon purging (TIG).

4.6 **Finish**: All weld joints shall be free from porosity, blowholes, pinholes, undercut, lumps, cavities etc. and shall be sound in nature. All welded joints shall be finished smoothly to minimum 150 grit to provide a sanitary finish to all the inner and outer surface of the weld joint. The Can surface including at the taper neck portion should be wrinkle free. There should not be any sharp corner. All such points shall have minimum 25 mm radius.

4.7 **Heat Treatment and Passivation**: The Can and Can lid shall be heat treated to relieve the stress developed during deep drawing and spinning. Thereafter complete surface shall be passivated with standard passivation solution to enhance corrosion resistance of the base material and welded surfaces.
The composition of the passivating bath shall be as follows:

0.50% concentrated Nitric acid (HNO_3)
0.50% sodium or potassium dichromate
99.0% water with not more than 5 ppm chloride
The Cans shall be filled with the solution, and lid shall be immersed in a tank containing this solution. The solution shall be held in the Cans and lid at the temperature indicated for the following period:

25°C	– 24 hours; or
35°C	– 15 hours; or
50°C	– 8 hours; or
65°C	– 4 hours; or
80°C	– 2.5 hours; or
Boiling temperature	– 1 hour.

The can and lid shall be guaranteed against any defect in material and fabrication for a period of at least one year. In case of any defect, the supplier shall repair/replace the can and lid.

5. Marking: Each Can shall be marked legibly and permanently with at least following particulars:
- Manufacturer's name or initial or trademark on can and lid.
- The rated capacity of the Can in Litres.
- Identification mark on can.
- Material of Construction: AISI 304 SS
- Markings: **BCMPUL-2026 NPDD** must be inscribed

6. Test: The following tests shall be carried out on the Cans by the supplier:
- **Drop Test:** The milk can must withstand standard multi-angle drop tests from a designated height of 1.2 metres when filled without showing any structural cracks or welds failures.
- **Air Pressure / Leakage Test:** The complete body structure must pass a compressed pneumatic underwater pressure test at a threshold of 0.4 kg/cm² to isolate pinhole defects or micro-porosity.
- **Dye-Penetration (DP) Testing:** Critical stress sections and weld lines must undergo DP testing to verify smooth, non-porous, crevice-free continuous seams.
- **Stamping & Traceability:** Every certified item must be clearly embossed/permanently laser marked at the neck or body with the Manufacturer's Name/Trademark, Batch Code, Year of Manufacture, and the official certification markings.

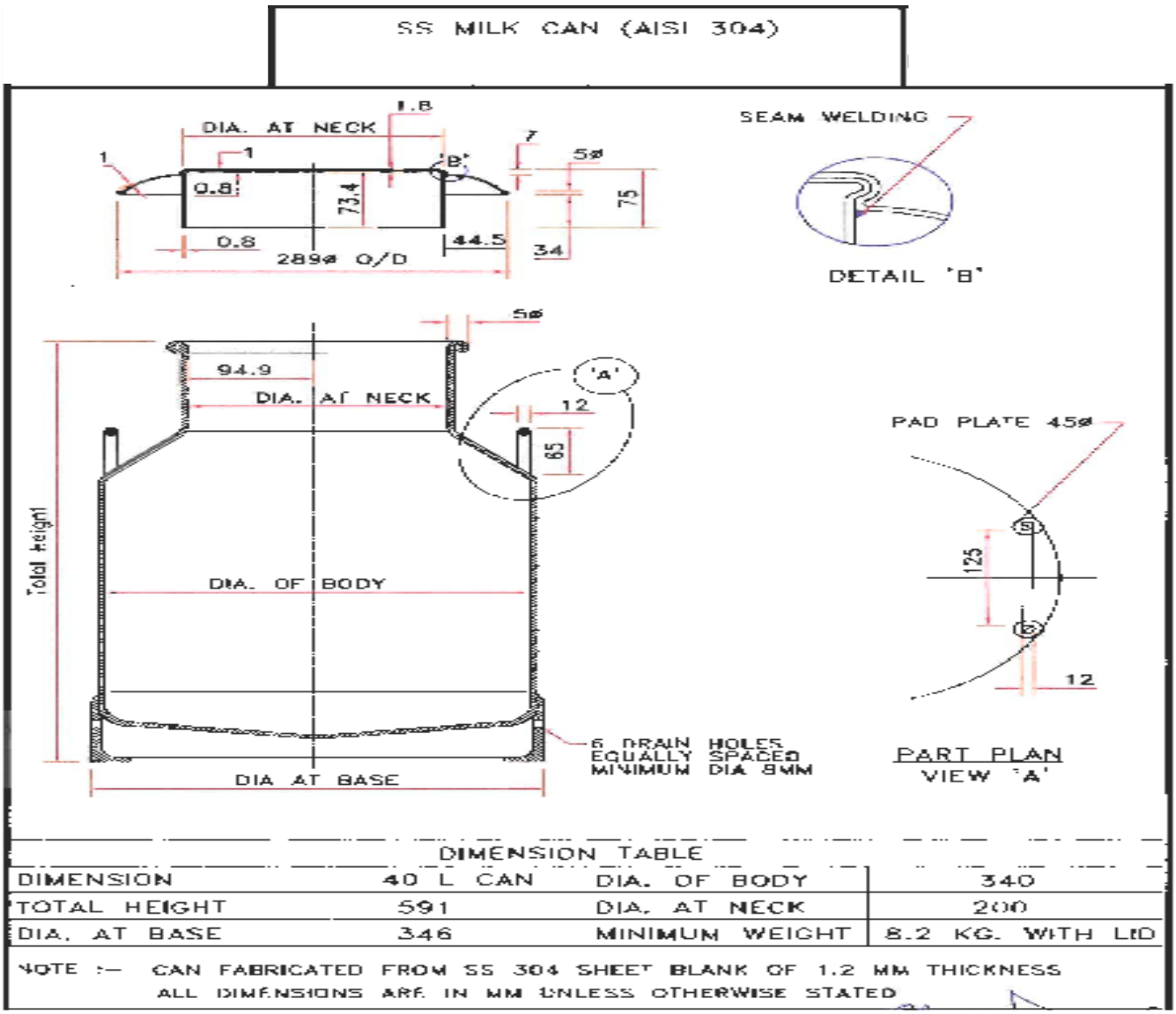
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7. Inspection:

7.1 Purchaser shall carry out all the above-mentioned tests during inspection of the Cans and lids by the purchaser. In addition to that, overall workmanship shall be visually checked.

7.2 Purchaser has the right to inspect the equipment at any stage from raw material to finished product.



DIMENSION TABLE

DIMENSION	40 L CAN	DIA. OF BODY	340
TOTAL HEIGHT	591	DIA. AT NECK	200
DIA. AT BASE	346	MINIMUM WEIGHT	8.2 KG. WITH LID

NOTE :— CAN FABRICATED FROM SS 304 SHEET BLANK OF 1.2 MM THICKNESS
ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED

Sd/-
Managing Director
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ANNEXURE-B

AFFIDAVIT

(To be furnished in the letterhead of the bidder duly signed and sealed)

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 nor any of its constituent partners have abandoned any work/works of similar nature and magnitude in India, in the past.

3. I/We the undersigned do hereby certify that our firm/company has never been blacklisted by any organization/Milk Union/Milk Federation in the past.

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 abide by the terms and conditions of the 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)

Note: In case of sole proprietary concern, affidavit should be signed only by the sole proprietor.

(Title of the Officer)

(Title of the firm/Company)

(Date)

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