

**TIRHUT DUGDH UTPADAK SAHKARI SANGH LTD.**  
**MUZAFFARPUR DAIRY, MUZAFFARPUR**

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**TECHNICAL SPECIFICATION FOR STAINLESS STEEL AISI 304 GRADE MILK CAN OF 40 LITERS CAPACITY.**

- (1) **SHAPE AND DIMENSIONS** - The Milk Cans shall be manufactured in accordance with the shape and dimensions as given below.

**LEGENDS: 40 liter stainless Steel Milk Can**

Materials of construction	: SS AISI 304 Grade.
Height with lid	: 591 MM +- 4 MM
Hardness in BHN	: 140
Bottom Dish	: 345 MM + 3 MM
Thickness	: 1.0 ± 0.05 (mm)
Weight of can with lid	: 8.7Kg. ± 5 gm
Internal Diameter	: 340 mm ± 3mm
Neck Diameter	: 200mm ± 1mm

- (2) The Minimum Thickness of different parts of the cans (in millimeter)  
Part

(I)	Body	1.0 mm
(II)	Bottom	1.1 mm
(III)	Neck	0.95 mm
(IV)	Lid (saucer/Outer)	1.0 mm

Cans are made from SS 304 grade of stainless steel material only. SS Bucket type mono block design without having any welding joint.

- (3) **CAPACITY** - The rated capacity of the can shall be taken as the quantity of water measured in liters which fills the can to the junction of the shoulder and the neck. This quantity shall be within a tolerance of ± 2 percent of the rated capacity.

- (4) **SCOPE** - This standard prescribes the requirement for stainless steel milk cans used for collection and distribution of fluid milk.
- (5) **DESIGN**- can have to be designed in such a way that it shall transport its contents safely without spillage and with minimum of churning. It shall also withstand rough handling, occupy Minimum space on trucks or Lorries, allow a high degree of sterilization and shall also facilitate cleaning. Further, it has to be light and durable.
- (6) **BODY** -Cans shall be formed in a single piece construction. Made in SS 304 grade.
- (7) **BOTTOM RING**- 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.
- (8) **LID** -The lid can be one piece shallow drawn and shall have a collapsible handle of 5 mm diameter with ears spot welded on the lid .the conical skirt shall be provided with 3 nos. air equalizing holes. The lid shall have mushroom shape to drain off any water outside. The lid shall be provided with 2 nos. punched holes 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.
- (9) **WELDING**- The can shall be welded by TIG or MIG process with argon as inert gas medium and only, AWS ER 308 L filler wire shall be used. 5.6.6 Finish On visual examination there shall be no cracks, notching or porous patches in the welded surfaces and the surface adjacent to the weld. The weld surface shall be regular and even. All welded joints, inside surface and outside surface shall be finished smooth to minimum 220 grit or maximum Ra value 0.48  $\mu\text{m}$  to provide a sanitary finish.
- (10) **Common condition for SS Can: MARKING** - Each can shall be marked legibly and permanently with at least following particulars:
- a) Manufacturer's name or initial or trademark, if any
  - b) The rated capacity of the Can in Liters.
  - c) Batch or code number and year of manufacture
  - d) Buyer's logo or identification mark
  - e) Material of Construction SS AISI 304 grade/ IS: 1825/1983.
  - f) Capacity mark on inside surface of the can
- (11) **Sample**: Sample should be furnished along with the tender. The tenders without sample will be summarily rejected. The Federation is not liable to pay any cost for sample.

**PROFORMA FOR PRICE BREAKUP FOR QUOTING THE PRICE IS GIVEN BELOW:**

1	2	3	4	5	6	7	8
SN	EMD submitted Yes /no	Unit Ex work Price	Packing & forwarding charge	Freight/ Transportation	Insurance Charges	Taxes	Total FOR Unit price delivered at MUZAFFARPUR site

**Total bid price**

- 1) In figures
- 2) In words
- 3) Signature & seal

Bidder need to provide the HSN code of the Material on which GST will be implicated.

**Validity of Bid price : 90 (Ninety Days) Days from the date of opening of price bid.**

**Completion Period: It has been mentioned in the NIT for each tendered items**

**Signature & seal of bidder**

## MANUFACTURER'S AUTHORIZATION FORM

Date-

To,

**The Managing Director**

TIRHUT DUGDH UTPADAK SAHKARI SANGH LTD.

Muzaffarpur Dairy, Muzaffarpur

P.O. – Kolhua Paigambarpur,

Muzaffarpur - 843 108 (Bihar)

Phone: 7070992905; 7070992952,

E-mail: purchasetimul1984@gmail.com and tirhutnin@gmail.com

Website :Sudhatimul.in

Ref : Tender notice No-

Dated-

Sub: MANUFACTURER'S AUTHORIZATION LETTER.

Dear Sir,

We, M/s. (company name and address), who established and reputable manufacturers of (Name of The Item.....) having factories at (factory Address.....), do hereby authorized M/s (Company name and address with TIN, GST No submit tender.....) to submit the tender for the goods manufactured by us.

No Company or Farm or Individuals other than M/s ..... (Name and address of the company) are authorized to tender for the goods manufactured by us.

We hereby extended our full guarantee and warranty as per tender for the goods and services offer for the supply by the above firm.

For (name of the manufacturer)

Designation with signature

**DECLARATION REGARDING NOT BLACKLISTED**

(On Rs.100 non judicial Stamp)

**Date:**

**To,**

**The Managing Director**

TIRHUT DUGDH UTPADAK SAHKARI SANGH LTD.

Muzaffarpur Dairy, Muzaffarpur

P.O. – Kolhua Paigambarpur,

Muzaffarpur - 843 108 (Bihar)

Phone: 7070992905; 7070992952,

E-mail:purchasetimul1984@gmail.com and tirhutnin@gmail.com

Website :Sudhatimul.in

Ref : Tender notice No-

Dated-

Sub : DECLARATION REGARDING NOT BLACKLISTED

Dear Sir,

We, M/s .....  
(Name of the company and address.....)

.....) declare that our  
company was not blacklisted by any Govt. Offices / govt. Undertakings /Organizations / UNO agencies /  
PSU etc.

This is for your Kind Information please.

For

## CHECK LIST

**To be uploaded duly signed & sealed (on bidders letter head) with indication of Yes or No.**

1	Has the Bid security (Earnest money) as per terms in tender notice been submitted.	Yes/ No
2	Has the price bid in terms of clause of Instructions to bidder been quoted.	Yes/ No
3	Has the delivery period been mentioned correctly and Precisely indicating separately the time for dispatch From your works, anticipated transit time.	Yes/ No
4	Has the offer been kept valid as per tender document.	Yes/ No
5	Has the income tax clearance certificate been furnished if no, state reasons.	Yes/ No
6	Has the registration certificate of sales tax been attached.	Yes/ No
7	Do you specifically agree to the liquidated damage clause As per tender terms.	Yes/ No
8	Has the list of clients to whom similar materials have been Supplied with their full address.	Yes/ No
9	Do you full fill the eligibility criterion for the Prequalification.	Yes/ No
10	If yes, have you attached all the relevant desired documents.	Yes/ No

**Signature (with seal) of bidder**