

Ref No. /ISDSM:PUR:E-TENDER/17-18. Dated:

## **e-TENDER NOTICE**

Online tenders are invited from the manufacturers/suppliers for the Dairy related various Dairy/DCS Equipments (Aluminium milk Cans, Jerry cans,-2 ltrs. ,5 ltrs., 10 ltrs. and 35 ltrs.lactometer. Centrifugal Machine, Butyrometer, Milk Pipette, acid/alcohol tilt measure, Drying Appratus, Sediment Tester etc.) for the year 2017-18. The tender notice, tender documents, containing the terms and conditions can be purchased online & downloaded through following website <http://www.mpeproc.gov.in> from 09.05.17, 10.30 hrs onwards. The tender will be opened on 30.05.17. at 01.30 PM. The detailed Tender Form can be seen (only for reference) at our H.O website:[www.mpcdf.gov.in](http://www.mpcdf.gov.in)

**CHIEF EXECUTIVE OFFICER**

# INDORE SAHAKARI DUGDH SANGH MARYADIT

CHANDA TALAWALI, MANGLIA-INDORE(M.P)-453771

AN ISO 22000: 2005 & 9001:2008 CERTIFIED ORGANIZATION

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DOCUMENT COST Rs. 500/-

Ref No: /ISDSM:PUR:E-TENDER/17-18

Date:

E-TENDER FOR SUPPLY OF VARIOUS DCS EQUIPMENT FOR THE YEAR 2017-18

## TENDER DOCUMENT

Schedule I	:	General Terms & Conditions.
Schedule-II	:	Specifications
Schedule III	:	Form A (To be downloaded, filled manually & scanned copy uploaded online.)
Schedule IV	:	Price Schedule
Tender Cost	:	Rs.500/-(rupees five hundred only)
Place of opening of Tender	:	On dated 30.05.17at 01.30 PM Office of the Indore Sahakari Dugdha Sangh Maryadit,Indore.
Address for Communication	:	The CEO, Indore Sahakari Dugdha Sangh Maryadit , Chanda Talawali,Manglia, Indore 453771.

CHIEF EXECUTIVE OFFICER

## **SCHEDULE - I**

### **General Terms & Conditions for tender submission & material supply**

Indore Sahakari Dugdha Sangh Mydt, Indore (ISDSM), an ISO certified cooperative organization, invites e-tender from bonafide manufacturers/suppliers for supply of Dairy related Various DCS equipment for the year 2017-18, strictly in adherence to the detailed specifications given in the schedule II of the tender documents.

CEO Indore Sahakari Dugdha Sangh Mydt., Indore reserves the right to accept or reject any or all tenders, which in their opinion justify such actions, without further explanation to the tenderers.

#### **1.0 DECLARATION :**

The submission of a tender by a tenderer implies that he/she has read the notice and conditions of the tender and the terms and conditions of contract and has made himself/herself aware of scope and specifications of the supplies to be made and the destination where the supplies have to be made and satisfied himself/herself regarding the quality and specifications of the articles.

#### **2.0 TENDER SUBMISSION:**

- 2.1 Tenders received by e-mail will not be considered. However, amendments by e-mail to a tender sent will be considered, provided the same are received before the opening of the tender and confirmed by post.
- 2.2 Individuals signing on the tender and other related documents must specify in which capacity of the firm he/ she has signed the documents. (copy to be uploaded –mandatory)
- 2.3 The tenderer(s) should clearly state in their offer the address, telephone, fax, e-mail, PAN and TIN. Any change in the address should immediately be communicated to the Chief Executive Officer, Indore Sahakari Dugdha Sangh Mydt, Indore and correspondence thereafter will be made at the changed address.
- 2.4 Negligence on the part of tenderer in filling the tender form offers him/her no right to withdraw the tender after it has been opened.
- 2.5 The acceptance of the tender and award of the purchase order will be the sole right of the Chief Executive Officer, Indore Sah. Dugdha Sangh Mydt. Indore who does not bind himself to accept a tender in whole or in part or reject any or all the tenders received without assigning any reasons and no explanation can be demanded of the cause of rejection of the tender by any tenderer.
- 2.6 The Chief Executive Officer, ISDSM reserves the right to place order for whole requirement with any tenderer or split the orders among one or more tenderers or not to purchase at all any item even after rate approval.
- 2.7 Each tender should be accompanied with copy of PAN, Income Tax Return of the financial year 2015-16, Sales Tax number and without which the tender may not be entertained. (copy to be uploaded –mandatory)

- 2.8 The Tenderers should submit the tender rates in the Schedule IV only. The conditional tenders are liable to be rejected.
- 2.9 No person or firm is permitted to submit more than one tender under different names.
- 2.10 The tenderer shall not sublet the contract or assign to any other party or parties, the whole or any portion of the contract without prior written permission of Chief Executive Officer, ISDSM during the supply.
- 2.11 Demonstration of articles available with the firm shall be arranged by the tenderer at his own cost, whenever requested by Indore Sah. Dugdha Sangh Mydt.
- 2.12 Manufacturers will be given preference. Copy of license is to be attached with tender for each item filled in, wholesalers dealing with the item will have to attach copy of authorization certificate of the manufacturer. (copy to be uploaded –mandatory).
- 2.13 Tenderer shall fill all the details of the unit in the enclosed form- A in schedule-III. (copy to be uploaded – mandatory).
- 2.14 Those tenderer offering rates for various DCS equipment shall submit Food Grade Certificate on the firms letter head, that all materials being used are of Food Grade only for your purchase order supply.

### **3.0 EARNEST MONEY DEPOSIT: (As detailed in Price bid form)**

- 3.1 All the tenderers are required to deposit Earnest Money as specified in tender document, for each item in the form of crossed Demand Draft / Bankers cheque in favour of Chief Executive Officer, Indore Sahakari Dugdha Sangh Mydt, Indore. EMD should be reach at Indore Sahakari Dugdha Sangh, Manglia, Indore, PIN – 453 771 before the tender opening time & schedule. Submissions of earnest money by any other mode than specified above shall not be acceptable and the related tender shall not be eligible for consideration.
- 3.2 Any tender which is not accompanied by Earnest Money deposit are liable to be rejected. Earnest money deposit of unsuccessful tenderers will be returned within 30 days from the date of opening of the tender. The earnest money deposit of the successful tenderers will be released on completion of supply/work as the case may be within the stipulated period without any interest amount.
- 3.3 No interest will be paid on the earnest money for the period during which (the EMD) lying in deposit with Indore Sahakari Dugdha Sangh.Maryadit.

### **4.0 PRICES:**

- 4.1 Rate should be quoted for the material as per the specifications given in the schedule II of the tender document. In case of any doubt as to the meaning of any of the terms & conditions or the specifications , the tendering firm may set forth the particulars there of and submit them to the Indore Sah. Dugdha Sangh Mydt, in writing that such doubts may be removed before submitting the tender.
- 4.2 Prices offered by the tenderers should be firm and free from all escalations and shall be valid at least for a period of 12 months from the date of approval of rates. We would communicate our rate approval within 30 days of opening of tender.
- 4.3 The Tenderer should quote rate on F.O.R Dairy Plant Indore basis.

- 4.4 The tender should clearly specify whether rates quoted are inclusive or exclusive of VAT and excise duty. 'C' forms shall be provided by ISDSM to avail of concessional rate of the central sales tax.
- 4.5 If need be, negotiations will be done for prices and as well as terms & conditions of material supply only with the party which offers the lowest rate.
- 4.6 The prices charged for the material supplies under the contract by the supplier firm in no event shall exceed the lowest price at which the supplier firm sells the material of identical tender description to any other persons/ firms during the period and until the execution of all supply orders placed during contract period.
- 4.7 The lowest rate shall not be the only criteria for approve the tender.

**5.0 MODE OF DESPATCH:**

- 5.1 The material to be supplied by successful firm shall be dispatched to the dairy under prior intimation. Depending upon the type of material, the supplier shall have to carry out proper packing/crating to avoid damage during transit.
- 5.2 **FOOD GRADE CERTIFICATE:** Certificate(s) of use of food grade quality of raw material are to be sent along with delivery/dispatch where ever required.
- 5.3 Wharfage /Demurrage etc. on account of incorrect or delayed delivery/dispatches of material/documents must the responsibility of supplier and shall be recovered from the bills.

**6.0 LIQUIDATED DAMAGES;**

The time period and the date of delivery of the material stipulated in the purchase order shall be deemed to be the essence of the contract. Once firm delivery date(s) are fixed for supply of material they shall be strictly adhered too. In case they are not followed, or in case of delay in execution or non-execution of the order, the Dugdha Sangh reserves the right either to cancel the order and make alternative purchases from other sources, at the risk and cost & expenses of the defaulting supplier. In case the supplies are not affected as per the schedules, the liquidated damages may be charged on the goods not so delivered as under:-

Sl.No.	Duration of delay	Liquidated Damages
1.	Upto 15 days	1% cost of the unit.
2.	Between 16 to 30 days	2% cost of the unit
3.	Beyond 30 days	Upto 5% cost of the unit.

- 6.2 If the tenderer fails to make supply as per purchase order without any valid reason, the order would be treated as cancelled and the firm may be blacklisted for future dealings and EMD also would be forfeited by the management.
- 7.0 **INSURANCE:**  
Insurance is to be arranged by the tenderer.

**8.0 INSPECTION:**

8.1 All the materials supplies are subject to inspection at our stores before acceptance. If goods are rejected due to defective or wrong supply, the report of our authorized official in this respect shall be FINAL and no correspondence on the subject would be entertained. The rejected goods should be removed from our premises by the tenderer within 15 days after receipt of our inspection report failing which the same shall be returned to the supplier at his risk and expenses or disposed off in Auction and the proceeds, if any, less expenses would be credited to tenderer's account.

8.2 Sample of the articles should be sent/produced before the competent authority if asked for within 3 days or as mutually agreed.

**9.0 PAYMENT:**

Our normal terms of payment is full payment after receipt, inspection and acceptance of materials in our stores within a period of about 30 days. Such payments shall be made through accounts payee cheques / RTGS. Tenderer agreeing to these terms would be given preference over those specifying other terms.

**10.0 TERMINATION OF CONTRACT:**

If any act of commission or omission of a unit under contract brings Indore Sah. Dugdha Sangh Mydt. To dispute, then the Milk Unions shall be competent to debar/blacklist the unit from further business.

**11.0 CONSEQUENCES OF BREACH OF AGREEMENT:**

If any firm under the contract commits breach of any of the conditions, it shall be lawful for the Chief Executive Officer, Indore Sahakari Dugdha Sangh Mydt. To cancel the contract and to purchase material from any other alternate sources on the risk and cost of the defaulting unit.

**12.0 DISPUTE ARBITRATION & FINAL AUTHORITY:**

12.1 It should be clearly understood that in the event of a successful tenderer failing to accept and execute the supply order, then decision of the Chief Executive Officer, Indore Sah Dugdha Sangh Mydt., in this respect will be final and binding on the successful tenderer.

12.2 For all matters of dispute, the decision of the Honourable Chairman, Indore Sah. Dugdha Sangh Mydt. Under Arbitration and Conciliation Act. 1996 shall be final and binding on all the concerned.

12.3 For all disputes, the venue for legal course shall be at Indore.

*Chief Executive Officer  
Indore Sahakari Dugdha Sangh Mydt. Indore*

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**INDORE SAHAKARI DUGDH SANGH MARYADIT, INDORE**

**Schedule- II**

**SPECIFICATION FOR MILK TESTING EQUIPMENTS**

**A. CENTRIFUGAL MACHINE SETS :**

**1. SPECIFICATION FOR CENTRIFUGAL MACHINE DISCS FOR GERBER TEST.**

S.No.	Particulars	Specification Norms
1.1	Material	Made of best quality C.R. C.A. Iron sheet IS : 1223 Marked.
1.2	Dimension	Top Dia            51 cm. outer Height            4.5 cm. Bottom            48 cms. Height            4 cms.    Outer Dis.
1.3	Paint & Finish	White enamel of good quality
1.4	Sockets	Made of PVC Inner diameter min. 2.7 cms. Number of sockets – 24, Weight of socket min. 10 grms.
1.5	Thickness of sheet	1mm
1.6	Total wt. of the disc without socket	Shall be min. 3.7 Kg
17.	Packing	Packed in thick paper 10 Pieces packed in wooden Box

**2.0 SPECIFICATION FOR LACTOMETER (ZEAL TYPE ONLY STAR BRAND ISI Marked**

S.No.	Particulars	Specification Norms
2.1	Material	Lactometer shall be made from good quality Borosil glass and it should be free from visible defects
2.2	Graduation	0 to 40 with ½ division, Accuracy $\pm$ 0.25 LR
2.3	Dimension	Length of Bulb    7.5 cms. Length of stem    7.3-7.6 cms. Diameter of bulb 1.6 cms. Diameter of stem 4.5 cms.
2.4	Calibration temp.	29 <sup>0</sup> C (84 <sup>0</sup> F)
2.5	Packing	Lactometer shall be supplied duly packed in HDPE/good quality card Board cases packed 12

		pieces in each Box.
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### 3.0 SPECIFICATION FOR BUTYROMETER SHAKING STAND (WOODEN)

(A)

S.No.	Particulars	Specification Norms
3.1	Material	Shaking stand shall be made of good quality wood and shall have good finish.
3.2	Dimensions	Top length 45 cms, Middle length 45 cms having grooves for the bottom portions of butyrometers Depth – 0.5 cms. 24 holes of 2.7 cms diameter in the top and middle layer. Shaking stands shall have 12 G.I. pieces fixed on the corners with the help of nails so as to make the stand sturdy Width of the stand shall be 8.5 cms, the gap between two rows shall be 1.0 cms. Total height – 20 cms. Thickness – 1.3 cms. Uniform.

### (B) Plastic Shaking Stand for Butyrometer

Particulars	Specification Norms
Material	Good Quality HDPE
Row	Two
Hole	Six in each Row
Weight	300 +-5%
Dimensions	Length 235mm Width 85mm Height 160mm with cover

(C)

Particulars	Specification Norms
Material	Good Quality HDPE
Row	Three
Hole	Eight in each Row (8X3 with cover)
Weight	550 +-5%
Dimensions	Length 290mm Width 115mm Height 160mm with cover

**Remark : Tenderer should send sample alongwith offer**

### 4.0 SPECIFICATION FOR COLLECTION TRAYS :

S.No.	Particulars	Specification Norms
4.1	Material	Milk collection trays shall be made of galvanized iron sheet of 0.70 mm thickness throughout.
4.2	Spout diameter & length	Length 12 cms Diameter 3 cms.
4.3	Dimension (Including 0.5 cms support in bottom)	Length 63 cms : Width 46 cms Height 7 cms.
4.4	Total weight	Min. 1.8 Kg. + 5%
4.5	Packing	Milk collection trays shall be supplied in bundles of 20 trays duly wrapped in gunny bags. These gunny bags shall be further encased in



		wooden Box.
4.6	Embossing	Every tray shall be embossed with ISDS letters & manufacturer's name in short and month/year.

### **5.0 SPECIFICATION FOR MILK STRAINER (WITHOUT GAUGE)**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
5.1	Material	Strainer shall be made of best quality Alluminium sheet having 0.8 mm thickness throughout
5.2	Weight of strainer (without guage)	300 g $\pm$ 10g
5.3	Outer diameter	33.0 to 33.5 cms.
5.4	Total height	17.5 to 18.0 cms.
5.5	Others	A loop shall be provided for hanging.

### **6.0 SPECIFICATION FOR MILK SIEVE :**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
6.1	Material	Milk Sieve should be made from brass wire mesh of 500 mesh Brass wire mesh should be mounted on Aluminum frame of outer diameter of 12.5 cms having two cross bars at right angle.
6.2	Total weight	Min 20 g $\pm$ 3g
6.3	Packing	Shall be packed in bundles of 50 pieces wrapped in polythene.

### **7.0 SPECIFICATION FOR BRUSHES : Sample bottle brush (75 ml)**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
	Weight of Brush	3 gram (Min)
7.1	Diameter of brush for hair	5.0 cms (throughout)
7.2	Hairing of brush	8.5 $\pm$ 0.5 cm.
7.3	Total length of brush including loop type handle	20 $\pm$ 2 cm. Note : Sample be given with offer by Tenderer.

### **8.0 SPECIFICATION FOR BUTYRO METER - BRUSH**

S.No.	Particulars	Specification Norms
	Weight of Brush	2 gram (Min)
8.1	Total length of Brush	25 cms $\pm$ 2 cms.
8.2	Upto 11.5 cms. Brush diameters	2 cms.
8.3	After 11.5 cms to 19.5cm brush diameter	3 cms upto 19.5 cms. From 19.5 to 25 cms without hair. Note : Sample piece should be sent with offer.

### **9.0 SPECIFICATION FOR PIPETTE BRUSHES(10.75 ML)**

S.No.	Particulars	Specification Norms
	Weight of Brush	5 gram (Min)
9.1	Total length of Brush	41 cm $\pm$ 2cms
9.2	Hairing length	10 cm (upto 1st 2 cm, Tapered type haring)
9.3	Diameter of brush	2 cm Note :Sample should be produced with offer

### **10.0 SPECIFICATION FOR ALLUMINIUM BHAGONA FOR DCS :**

S.No.	Particulars	Specification Norms
10.1	Material	Made of best quality alluminium
10.2	Weight	1.275 to 1.300 Kgs.
10.3	Height	18.5 to 19.0 cms
10.4	Total Capacity (Upto brim)	17 Ltrs water

### **11.0 SPECIFICATION FOR PLASTIC LACTOMETER JAR**

S.No.	Particulars	Specification Norms	
		(A)For zeal Type Lactometer	(B)For Longstem ISI Lactometer
11.1	Material	Good quality Plastic	Good quality Plastic
11.2	Dimension	Height 135 mm Inner Dia 26 mm Outer dia 32mm	Height 205 mm(Min) Inner Dia 35 mm(Min) Outer dia 38mm(Min)
11.3	Thickness of plastic	1.5mm	1.5mm
11.4	Weight	Min. 25g $\pm$ 3g	40gram +-4gram minimum
11.5	Leakage	Jar should not show leakage from the joint of cylinder and its base.	

### **12.0 SPECIFICATION FOR ALLUMINIUM LACTOMETER JAR :**

S.No.	Particulars	Specification Norms
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12.1	Material	Jar should be made from the best quality alluminium sheet
12.2	Dimension	Height 135 mm $\pm$ 2 mm Inner dia 26mm $\pm$ 1 mm Outer dia 32 mm $\pm$ 2 mm
12.3	Thickness of sheet	1.5 mm
12.4	Weight	Min. 45g $\pm$ 3g
12.5	Leakage	Jar should not show leakage from the joint of Cylinder and its base.

### **13.0 SPECIFICATION FOR MILK SAMPLE BOTTLE STAND (Aluminium)**

S.No.	Particulars	Specification Norms
13.1	Material for construction	Stand shall be made of allu. Sheet
13.2	Thickness in mm	Min 0.6 mm $\pm$ 0.1
13.3	No. of holes	24 in 3 rows of 44 mm diameter
13.4	Dimension	446 $\pm$ 1 mm (length) 166 $\pm$ 1 mm (width) 46 $\pm$ 1 mm (height)
13.5	Total weight	250 grm min. allu.
13.6	Riveting	Shall be done with allu. Rivets
13.7	Packing	Stands shall be supplied in bundles of 50 stands duly packed in wooden case.

#### **Specification for Milk sample Bottle stand (Steel)**

Material	Good quality steel Sheet
Total Wt	625 g (Min)
Dimension	446 $\pm$ 1mm length 166 $\pm$ 1mm width 46 $\pm$ 1mm Height
No. Of Hole	24nos three row of 44mm diameter

### **36.0 SPECIFICATION FOR DROPPING BOTTLES FOR DCS :**

S.No.	Particulars	Specification Norms
14.1	Material	Made of HDPE Polythene in white colour (Pigmented)
14.2	Weight of bottle	30 to 35g
14.3	Capacity	250 ml
14.4	Delivery tube	Length 26 to 27 cms Outer Dia 0.5 cm. Note : Delivery tube be provided with nozil

### **15.0 SPECIFICATION FOR PLASTIC FUNNEL :**

S.No.	Particulars	Specification Norms
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15.1	Material	Made of HDPE in white colour (Pigmented) & free from all visible defects
15.2	Total height	16.5 cms
15.3	Outer diameter	15 cms.
15.4	Holding tab.	Width 2.7 cms with hold in center Length of the tab 3 cms.

**16.0 : SPECIFICATION FOR MILK BUTROMETER :**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
16.1	Material	Milk Butyrometer should be of IS:1223 marked
16.2	Length of Scale in mm	75 mm min.
16.3	Graduation least count	0.1%
16.4	Graduations of intermediate length at each percent	0.5
16.5	Numbered at each percent	1.0
16.6	Size of Bulb	Uniform as specified in BIS Specification.
16.7	Error percentage	$\pm 0.05$
16.8	Cap. Of body in ml.	$22.5 \pm .5$ ml
16.9	Qty. of material tested	10.75 ml.
16.10	Printing	Permanent graduation non fading silver screen printed.
16.11	Other requirement	Item should bear BIS mark Supplier should provide copy of BIS License issued to them with offer

**17.0 SPECIFICATION FOR MILK PIPETTE :**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
17.1	Material	IS marked (IS 1223)
17.2	Total Length	$360 \pm 20$ mm
17.3	Length of suction tube	$180 \pm 5$ mm
17.4	Length of delivery tube	$100 \pm 10$ mm
17.5	Length of tapered portion of Delivery tube from jet	$20 \pm 5$ mm
17.6	Distance of graduation mark from the top of suction tube	$125 \pm 3$ mm
17.7	Distance between the graduation mark & tube	25mm
17.8	External diameter of suction tube	$6.5 \pm 0.5$ mm

17.9	Internal diameter of suction tube	4.5 ± 0.5 mm
17.10	External diameter of the main bulb	15.5 ± 1.0 mm
17.11	Length of main bulb	60 ± 10 mm
17.12	Wall thickness (min)	1.0 mm
17.13	Milk pipette capacity	10.75± 0.03ml

Note : Item should bear BIS certification mark Tenderer should submit copy of the BIS License obtained by them with offer.

**18.0 SPECIFICATION FOR 10 – ML ACID TILT MEASURES :**

S.No.	Particulars	Specification Norms
18.1	Material	Made of good quality glass/plastic which should be annealed and free from cracks and other visible defects.
18.2	Capacity	10 ml ± 0.05 ml
18.3	Jet	Should be tapered
18.4	Rubber cork	Rubber cork size should be suitable to fit in the bottle of 2.7 cm. inner diameter month

**19.0 SPECIFICATION FOR ALCOHOL TILT MEASURES 1 ML :**

S.No.	Particulars	Specification Norms
19.1	Material	Made of good quality glass / plastic Which should be annealed and free from all visible defects, cracks etc.
19.2	Capacity	1.0 ± 0.05ml.
19.3	Jet	Should be tapered
19.4	Rubber Cork	Rubber Cork size should be suitable to fit in the bottle of 2.7 cms inner diameter mouth.

## **20.0 SPECIFICATION FOR ACID BOTTLES :**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
20.1	Material	Made of best quality glass which should be colourless, clear and free from blisters and other defects.
20.2	Thickness of glass	Uniform throughout the wall of bottle
20.3	Weight	415 g
20.4	Inner dia of mouth	2.7 cms
20.5	Height	20.5 cms
20.6	Capacity	500 ml

## **21.0 SPECIFICATION FOR ALCOHOL BOTTLE :**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
21.1	Material	Made of best quality glass which should be colorless, clear and free from blisters and other defects.
21.2	Thickness	Thickness of the glass should be uniform throughout the wall bottle.
21.3	Capacity	200 ml
21.4	Inner dia of mouth	2.7 cms
21.5	Total height of bottle	15 cms

## **22.0 SPECIFICATION FOR LOCK STOPPER**

<b>S.No</b>	<b>Particulars</b>	<b>Specification/norms</b>
22.1	Material	Lock stopper should be of IS 1223 (Part 1) marked and made from acid resistant soft rubber having $38 \pm 5$ international rubber hardness degree
22.2	Dimension	7 mm dia (ball of metal /glass/plastic)
22.3	Length	22 mm
22.4	Head of Lock stopper	Made of brass

**23.0 : SPECIFICATION FOR LOCK STOPPER KEY :**

S No	Particulars	Specification/Norm
23.1	Make	Lock Stopper Key should be made as per IS : 1223 (Part I) Standard with best quality aluminium.
23.2	Dimension	Total length 45 mm, Diameter of metal rod 5.0 mm, Metal disc suitable for press lock- Stopper

**24.0 SPECIFICATION FOR THERMOMETERS DIMPLE BRAND Alcohol filled.**

S. No.	Particulars	Specification Norms
24.1	Type	Thermometer shall be a Alcohol in glass thermometer of the solid system type
24.2	Stem	The stem shall be of suitable glass with an enamel back extending over the graduated portion. The stem shall have a bottom finish.
24.3	Bulb	Bulb shall be cylindrical and in alignment with the stem. Its diameter shall be not greater than that of the stem. The bulb shall be made of thermometer glass and suitable for the range of -10 <sup>0</sup> C to 110 <sup>0</sup> C
24.4	Range	-10° C to 110 <sup>0</sup> C, Least count of 1 division equal to 1°C with max. accuracy. Correction at any point should not be ± 1°C more than ±1°C variation thermometers will be rejected.
24.5	Annealing	The thermometer shall be suitably annealed before it is graduated.
24.6	Graduation & figuring	The graduation lines shall be clearly etched & of uniform thickness. The lines shall be in planes at right angles to the axis of thermometers.
24.7	Marking	The thermometer shall have permanently & legibly marked.



## **25.0 SPECIFICATION FOR 35 LTRS. JERRY CANS :**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
25.1	Construction	Heavy duty Jerry cans in natural colour made out of virgin high density polythene stackable type with lid cap. And sealing arrangement suitable for filling Sulphuric Acid.
25.2	Weight	2 Kg $\pm$ 5% (i.e. 1.900 to 2.100 Kgs.)
25.3	Dimensions	Height 48 cms, Breadth – 36 cms. Thickness (Depth) 24 cms. (min.)
25.4	Mouth diameter	Outer diameter 50 mm, Inner dia 47 mm
25.5	Capacity	35 Ltrs. Of sulphuric Acid of 1.84 specific gravity
25.6	Drop Test	Should pass test (height of 4 feet)

### **Remarks :**

- **The Jerry Cans shall be supplied in bundles of 20 Cans duly wrapped with Polythene Covers.**
- **Jerry Cans shall be of even thickness throughout and free from cracks, scratches and pin holes otherwise consignment would be liable for rejection.**
- **The jerry cans shall bear the name of the manufactures traders name, month and year of manufacture alongwith the batch number otherwise the management shall impose penalty at the discretion of C.E.O. , ISDSM.**

## **26.0 : SPECIFICATION FOR 5 LTR JERRY CANS :**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
26.1	Construction	Heavy duty Jerry Cans in natural colour made out of virgin high density polythene stackable type with lid cap and sealing arrangement suitable for filling Amyl Alcohol.
26.2	Weight	400g $\pm$ 10 g
26.3	Dimension	Height 24 cms. Breadth 18 cm Thickness (Depth ) 13 cms.
26.4	Diameter mouth	Outer 3.4 cm : Inner 3.1 cm.
26.5	Drop Test	Should pass test (Height of 4 feet)

**REMARKS :** The Jerry cans shall be supplied in bundles of 20 Cans duly wrapped with polythene Covers. Jerry Cans shall be of even thickness throughout and free from cracks, scratches and pin holes otherwise consignment would be liable for rejection. The jerry cans shall bear the name of the manufacturers / traders name, month and year of manufacturer alongwith the batch number otherwise the management shall impose penalty at the discretion of C.E.O. ISDSM.

**27.0 SPECIFICATION FOR 2 LTRS. JERRY CANS :**

S.No.	Particulars	Specification Norms
27.1	Construction	Heavy duty Jerry Cans in natural colour made out of virgin high density polythene
27.2	Weight	200 g + 5 g
27.3	Dimensions	Height 23 cms. Breadth 14.5 cms. Thickness 8.0 cms (Depth)
27.4	Diameter Mouth	Outer 2.6 cm. Inner 2.3 cms.
27.5	Drop Test	Should pass test (Height of 4 feet)

**REMARKS :**

- The Jerry Cans shall be supplied in bundles of 20 Cans duly wrapped with
- Polythene Covers. Jerry Cans shall be of even thickness throughout and free from cracks, scratches and pin holes otherwise consignment would be liable for rejection,. The jerry cans shall bear the name of the manufacturers / traders name, month and year of manufacture alongwith the batch number otherwise the management shall impose penalty at the discretion of C.E.O.,ISDSM.

**28.0 SPECIFICATION FOR ALLUMINIUM MILK CANS (WITH LID) :**

S.No.	Particulars	Specification Norms
28.1	Material	IS 1825-1983 Marked Material shall be made from Alluminium Alloy in one piece (mono block)
28.2	Capacity	40 Ltrs.
28.3	Weight	Minimum 6.5 kg.
28.4	Can Lid should be spot welded at 5 Places	
28.5	Can and Lid Should be Properly finished to ensure hygiene	
28.6	Can should be completely anodized	
28.7	Bottom Ring Should be Press shrink fitted and fully M I G welded	
28.8	Handle should be properly bent with chamfered ends which ensure firm grip	

28.9	<u>Dimension</u> Total outside length From Top to bottom  Inside Length Body diameter Mouth Diameter Bottom Diametere	591 $\pm$ 4 mm  575 $\pm$ 3 mm 340 $\pm$ 3 mm 200 $\pm$ 0.5 mm 352 $\pm$ 3 mm
28.10	Thickness Body neck thickness Bottom thickness Thickness near handle	2 mm 3 mm 3.5 mm

**29.0 SPECIFICATION FOR ALLUMINIUM ALLOY MILK CAN LID :**

S.No.	Particulars	Specification Norms
29.1	Dimension excluding collar (Outer)	200 mm
29.2	Diameter of lid neck (Outer)	289 mm
29.3	Diameter of lid neck (Inner)	194.5 $\pm$ 0.5 mm
29.4	Thickness of top lid	1.8 mm min.
29.5	Thickness of lid neck	1.8 mm min.
29.6	Length of neck top to bottom	75mm
29.7	Holes in collar	2 Nos. size 8 mm
29.8	Holes in neck	3 Nos. size 12 mm
29.9	Weight of Lid	0.928Kg $\pm$ 5 %

**30.0 HANDLE FOR MILK CANS :**

S.No.	Particulars	Specification Norms
30.1	<u>Dimension</u> Outside width	135 mm
30.2	Height	70 mm
30.3	Thickness	15 mm
Handle should be properly bent with chamfered ends which ensure firm grip.		

### **31.0 SPECIFICATION FOR BOTTOM RING OF MILK CANS**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
	Dimension	
31.1	Outer diameter	360 mm
31.2	Inner	340 mm
31.3	Outer height of ring	55 mm
31.4	Inner height of ring	24 mm
31.5	Holes in ring	6 Nos.

### **32.0 SPECIFICATION OF S.S. MILK CANS 40 LTRS CAPACITY**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
32.1	Material	Made as per AISI 304 Grade prime quality stainless steel
32.2	Approx. weight of the can with Lid	8.2 Kgs.
32.3	Inside dia of Body	340 $\pm$ 3mm
32.4	Inside Dia of Neck	200 $\pm$ 0.5mm
35.5	Overall Height	591 $\pm$ 4mm
32.6	Dia. At Base	352 $\pm$ 3mm
32.7	Normal Capacity	40 ltrs $\pm$ 2%

### **33.0 SPECIFICATION FOR S.S. MILK CANS OF 10 LTRS CAPACITY**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification Norms</b>
33.1	Material	Milk Cans should be made from prime quality stainless steel as per AISI 304 grade
33.2	Approx weight of the Can with Lid	4 Kgs.
33.3	Inside Dia of Body	234 mm
33.4	Inside Dia of Neck	172 $\pm$ 0.5mm
33.5	Overall height	325 $\pm$ 4mm
33.6	Dia. Of Base	235 $\pm$ 3mm
33.7	Normal capacity	10 Ltrs $\pm$ 2%

**34.0 SPECIFICATIN FOR 10 LTRS. JERRY CANS :**

S.No.	Particulars	Specification Norms
34.1	Construction	Heavy duty Jerry cans in natural colour made out of virgin high density polythene stackable type with lid cap. And sealing arrangement suitable for filling Sulphuric Acid
34.2	Weight	600g $\pm$ 5 %
34.3	Dimensio Ns	34 x 27 x 16 Cm
34.4	Mouth Diameter	Outer 46 mm inner 40 mm
34.5	Capacity	10 Ltrs. Of Sulphuric Acid of 1.84 Specific gravity.
34.6	Drop Test	Should pass the test (Height of 4 feet)

**35.0 SPECIFICATIN FOR DAIRY LAB EQUIPMENT. :**

<b><u>SR.</u></b>	<b><u>ITEM DESCRIPTION</u></b>	<b><u>PURPOSE</u></b>	<b><u>SPECIFICATION</u></b>
35.1	Drying Apparatus	For Testing Moisture in Milk Powder	As per standard of BIS – IS:11623:2008
35.2	Sediment Tester	For Testing Scorched particles in Milk Powder	As per standard of BIS – IS:13500:1992

**36. SPECIFICATION FOR PLASTIC SAMPLE BOTTLES (75ML -85ML)**

<b>S.No.</b>	<b>Particulars</b>	<b>Specification-Norms</b>
36.1	Material	Made formed HDPE Granules(Virgin)
36.2	Capacity	75ml-85ml
36.3	Outer diameter of month	2.9 +-0.1cm
36.4	Diameter of the body	40mm
36.5	Average wt. of empty bottle (Without cap)	5.5gram min.
36.6	Length of bottle	8.5cm min.



**INDORE SAHAKARI DUGDHA SANGH  
CHANDA TALAWALI, MANGLIA INDORE 453 771**

As ISO 9001 : 2000 Certified Organization Plant  
E-Mail : agmpurisds@gmail.com  
Phone : 0731 – 2811162, 2802554 Fax : 2811559

**SCHEDULE – III**

**(To be submitted along with the offer)**

**Form – A**

**Chief Executive Officer**

**Date :**

**ISDSM, Indore**

**Dear Sir,**

**I/We hereby furnish below some particulars about our company/unit which will form a part of our offer submission :**

1. **Name of the Co./Unit** : \_\_\_\_\_
2. **Address of the Co./Unit** : \_\_\_\_\_  
\_\_\_\_\_
3. **Telephone Nos.(with STD Code)** : \_\_\_\_\_  
**FAX No.** : \_\_\_\_\_  
**Email ID** : \_\_\_\_\_
4. **Name of the CEO/Proprietor/  
Partner** : \_\_\_\_\_
5. **Name and designation of other  
Authorized signatory of the Co./  
Unit.** : \_\_\_\_\_
6. **Particulars of Regn. Certificate  
Issued by the competent authority  
(Regn No. & Date)** : \_\_\_\_\_
7. **CST NO.** \_\_\_\_\_ **dated** \_\_\_\_\_ **MPCT/TIN NO.** \_\_\_\_\_ **dtd.**
8. **Have your Co./Unit or its sister concern ever been black listed/ debarred by ISDSM or its sister Milk Unions or GOI /GOMP & its undertaking ? YES / NO**

**Seal & Signature of the  
Authorised Signatory of the Co./Unit**

**INDORE SAHAKARI DUGDHA SANGH MARYADIT  
CHANDA TALAWALI, MANGLIA INDORE 453 771**



As ISO 9001 : 2000 Certified Organization Plant

E-Mail : agmpurids@gmail.com

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Fax : 2811559

**SCHEDULE – IV**

S.No.	Item	Requirement (approx.)	EMD Required	Rate/Unit f.o.r. Dairy inclusive of taxes & levies	MR No. & date against EMD remittance
1	<b>Centrifugal Machine Discs</b>		<b>Rs. 500</b>		
	A) Top	350			
	B) Bottom	350			
	C) Gear Wheel	150			
	D) Warm Spindle & Hardle & bearing	100			
2.	<b>Centrifugal Machine Complete</b>	200	<b>Rs. 2000</b>		
3.	<b>Lacto Meter Star Brand ISI Marked</b>	5000	<b>Rs. 4500</b>		
4.	<b>Milk Sampler Alu.</b>	400	<b>Rs. 500</b>		
	<b>Milk Sampler SS</b>				
5.	<b>Milk Plunger Aluminium</b>	200	<b>Rs. 500</b>		
	<b>SS</b>	100	<b>Rs. 500</b>		
6.	<b>A)Butyrometer Shaking Stand wooden</b>	1500	<b>Rs. 1500</b>		
	<b>B)Butyrometer Shaking Stand Plastic with 2row</b>				
	<b>C)Butyrometer Shaking Stand Plastic with 3 row</b>				
7.	<b>Milk Collection Tray</b>				
	- Iron	200	<b>Rs. 500</b>		
	- SS	100	<b>Rs. 500</b>		
8.	<b>Plastic Sample Bottle</b>	25000	<b>Rs. 500</b>		
9.	<b>Milk Stainer</b>	200	<b>Rs. 500</b>		
10.	<b>Milk Sieve Brass</b>	5000	<b>Rs. 500</b>		
12.	<b>Sample Bottle Brush</b>	5000	<b>Rs. 200</b>		



13.	Butyrometer Brush	25000	Rs. 200		
14.	Pipette Brush	10000	Rs. 100		
15.	Aluminium Bhagona 17 Ltr. Capacity	100	Rs. 500		
16.	Lactometer Jar Big & Small Alluminium	200	Rs. 200		
17.	Lactometer Jar (Plastic) Medium / large	1500	Rs. 100		
18.	Sample Bottle Stand Alu./SS	250	Rs. 500		
19.	Plastic Funnel	100	Rs. 100		
20.	Dropping Bottles Plastic	100	Rs.100		
21.	Butyrometer ISI marked	20000	Rs. 2000		
22.	Milk Pipette	5000	Rs. 500		
23.	Acid Tilt Measure	3000	Rs. 200		
24.	Alcohol Tilt Measure	2000	Rs. 200		
25.	Acid Bottle	1000	Rs. 500		
26.	Alcohol Bottle	1000	Rs. 200		
27.	Lock Stopper ISI mark	5000	Rs. 500		
28.	Lock Stopper Key Alu	1000	Rs. 200		
29.	Alcohol Thermometer	2500	Rs. 2000		
30.	Plastic Jerry Can 35 Ltr. Capacity 10 Ltr Capacity 5 Ltr Capacity 2 Ltr. Capacity	500 500 500 200	Rs. 2000 Rs.1000 Rs. 1000 Rs. 500		
31.	Aluminium Milk Cans 40 Ltr. Capacity	3000	Rs. 15000		
32.	Aluminium Milk Can lids	2500	Rs. 5000		
33.	Alu. Handle for Milk Cans (Alu)	100	Rs. 500		
34.	Bottom Ring for Alu. Milk Cans	100	Rs. 1000		
35.	S.S Milk Can 40 Ltr.	On Demand	N.A		
36.	S.S Milk Can 10 Ltr.	On Demand	N.A		

37.	Litre Measure Sets Alu.(weight 340gram. & 100ml to 1 litre.) & SS	100	Rs. 500		
38.	Pipette Stand	2500	Rs. 2000		
39.	Drying Apparatus	01	Rs.4000		
40.	Sediment Tester	01	Rs.2000		

Note :

1. Tenderers are required to submit a copy of their valid ISI License otherwise their rates will not be considered.
2. Requirement shown above is tentative and it can be increased or decreased depending upon situation prevails at the time of processing P.O.
3. Rate for SS material should be quoted separately.

**(SIGNATURE OF TENDERER)**