

CHHATTISHGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT

(ISO 22000:2005 Certified)

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CGCDF/PUR/OT-18/4741

Date: - 01.12.2017

Tender Notice for Purchase of Various Dairy Materials

Sealed tenders are invited from manufacturers/ traders for supply of various types of dairy materials according to our monthly/quarterly/annual requirement, as required. details as below:-

S. no.	Name of item	Amount EMD(Rs.)
1	Disposable plastic glass & Cups for milk Products with Decorative Printed Shrink Sleeve Sticker	Rs.20,000/-
2	Aluminum Foil Lid for Cups and Glass	Rs.10,000/-
3	Printed Corrugated boxes for Ghee 1 Ltr,500 ml & White Butter (25 kg),	Rs. 5,000/-
4	Printed Corrugated tray with plate for Flavored Milk Bottles.	Rs. 2,000/-
5	Ceka Pack Ghee Carton for Ghee (1 Liter)	Rs.20,000/-
6	Printed Duplex boxes for Ghee (200ml,500ml)	Rs. 2,000/-
7	Printed Duplex boxes for Peda (250 gm, 500 gm, & 1 kg cap.)	Rs. 5,000/-
8	Empty Lacquered Tins with lids For Ghee (5 lit. &15 Kg cap.) (ISI Marked)	Rs.10,000/-
9	Disposable Glass bottles for Flavored Milk (200 ml Cap.)	Rs.10,000/-
10	Crown -Corks for 200 ml Flavored Milk Bottles	Rs. 5,000/-
11	Milk Pouch Crates	Rs. 25,000/-
12	Polybags for Ghee (200ml, & 500ml), Shrink Packaging Roll for SFM Bottles & printed plain dahi pouch film.	Rs.15,000/-
13	Multicolor Polybags for Paneer (200gm &1kg)	Rs. 10,000/-
14	Stickers for SFM bottles and Ghee Tins, Printed Gum tape and cello tape.	Rs. 5,000/-
15	Plastic sealing wire and seal.	Rs. 5,000/-
16	Caustic Soda, Washing Soda, Acid, Soap, Alcohol, H2O2 and other chemicals.	Rs. 20,000/-
17	DCS Testing Materials & Milk Collection items	Rs. 10,000/-
18	Alu. Milk Can 40 liters capa. with Lid ISI Mark and Alu. Can Lid ISI Mark Separately.	Rs. 25000/-
19	MASALA Item	-----

Cost of tender form will be Rs.1000/- and Rs. 250/- will be extra for postal charge & EMD in favor of CHHATTISHGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT payable at Raipur in the form of D.D. at Head office CHARODA, DIST: DURG, Tender form will be available at Head office .Last date and time for issue of tender documents is **29.12.2017**. up to **1.00 PM**, submission of tender is **29.12.2017**. up to **2.00 PM** and will open on same date at **03.00PM**.. Rest all informations will be viewed on our website www.cgcoopdairyfed.in .Managing Director reserves the right to accept/reject any or all tenders or its part without assigning any reason thereof.

Managing Director

SCHEDULE - I

General Terms & Conditions for tender submission & material supply for the Period 2018-19 & 2019-20

Tender Ref.: CGCDF/PUR/OT-18/4741

Date:- 01.12.2017

Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg (CGCDF), an ISO certified cooperative organization, invites sealed tenders from bonafide manufacturers for supply of materials of various milk & milk products packing material, chemicals and detergents of dairy use and milk collection & testing equipments for dairy co -op. societies. Strictly in adherence to the detailed specifications given in the schedule II of the tender documents, which will be effective **for the period 2018-19&2019-20.**

Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg 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 (a) The tender should be sent by post /courier so as to reach the Managing Director , Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, PO BMY Charoda, Urla, Durg -490025 (CG) on or before the scheduled time and date. Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg, shall not be responsible for any postal delay.
- (b) If the tenderers do not want to send the tenders by post and if they wish to hand over personally the sealed tenders addressed to the Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg -490025 (CG) they are permitted to do so by depositing with inward section by the scheduled time.
- (c) No responsibility shall be attached for premature opening of tender not properly addressed and identified. The tenders received against the advertisement up to the specified time limit only shall be considered.
- 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.
- 2.3 Offer for each tender should be sent under separate cover super scribing the relevant tender reference number and category. Failure to adhere to this instruction will render the offer liable for rejection.
- 2.4 The tenderer(s) should clearly state in their offer the address, telephone, fax, e-mail, & GST No. Any change in the address should immediately be communicated to the Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg, and correspondence thereafter will be made at the changed address.
- 2.5 Negligence on the part of tenderer in filling the tender form offers him/her no right to withdraw tender after it has been opened.
- 2.6 The acceptance of the tender and award of the purchase order will be the sole right of the Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg, who does not bind

him self 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.

- 2.7 The tenderers should send their offers along with the specifications, necessary drawing (if required) which will form the basis of their offer and is an integral part thereof.
- 2.8 The Managing Director, CGCDF 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.
- 2.9 Each tender should be accompanied with copy of GST, income tax return for previous year, sales tax number and without which the tender may not be entertained.
- 2.10 The tenderers should submit the tender in the enclosed rate form -B only in schedule-III
The conditional tenders are liable to be rejected.
- 2.11 No person or firm is permitted to submit more than one tender under different names.
- 2.12 Each page of the tender and its enclosure should be signed at the bottom by the tenderer.
- 2.13 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 Managing Director, CGCDF.
- 2.14 Demonstration of equipment, machines or articles available with the firm shall be arranged by the tenderer at his own cost, whenever requested by Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg,
- 2.15 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.
- 2.16 Tenderer shall fill all the details of the unit in the enclosed form- A in schedule-III.

2.17 Those tenderer offering rates for packing materials shall submit the photocopy of food grade certificate.

3.0 EARNEST MONEY DEPOSIT

- 3.1 All the tenderers are required to deposit fresh Earnest Money as specified in tender document, for each item either in cash or in the form of crossed demand draft / bankers ch. in favour of Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg. 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. **Previous EMD amounts of any firm if lying with CGCDF for any or for same items shall not be considered against this tender reference. All previous EMD amounts of firms will be refunded by CGCDF in due course of time after expiry of last approved period**
- 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 90 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.
- 3.3 No interest will be paid on the earnest money for the period during which (the EMD) lies in deposit with Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg,
- 3.4 Demand Draft towards earnest money or the original money receipts (in case of cash deposits) should be submitted enclosed along with the tender offer in sealed cover.

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.

- 4.2 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 thereof and submit them to the Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg., in writing that such doubts may be removed before submitting the tender.
- 4.3 The rates be quoted in figures and preferably no cuttings/overwriting in rates should be there in tender.
- 4.4 Prices offered by the tenderers should be firm and free from all escalations and shall be valid at least for a period of 24 months from the date of approval of rates. CGCDF will have the right to extend the validity of the tender approval by 3 months.
We would communicate our rate approval within 45 days of opening of tender. If any tenderer wish to offer the rate subject to **PRICE ESCALATION CLAUSE** of raw materials, they may do so by clearly indicating in the tender rate form –B.
In case of a tenderer opting for offering prices subject to PRICE ESCALATION CLAUSE of raw materials (i) then the tenderer shall have to submit the current price of the raw materials as on the date of tender along with sufficient authentic proof from the manufacturer of the raw material.
(ii) the successful/approved firm will have to submit revised prices of raw materials with sufficient authentic proof from the manufacturer of the raw material whenever revision takes place.
(iii) accordingly the approved prices of the materials shall be revised upwardly or downwardly to the extent of the raw material component of the material.
However CGCDF reserves the right to approve the rates offered with or without to PRICE ESCALATION CLAUSE.
- 4.5 The tenderer should quote rate on FOR dairy plant Urla Durg basis.**
- 4.6 The tender should clearly specify whether rates quoted are inclusive **or** exclusive of **GST**.
- 4.7 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.
- 4.8 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.
- 4.9 The lowest rate shall not be the only criteria for approving the tender.
- 4.10 Corrections, if any, in the tender should be noted over and signed at the places of each correction made.

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. Payment will not be made for damaged goods.
- 5.2 FOOD GRADE CERTIFICATE: Certificate(s) of use of food grade quality of raw material are to be sent along with consignments where ever required.
- 5.3 Warferage/Demurrage etc. on account of incorrect or delayed dispatch of material/documents shall be the responsibility of supplier and shall be recovered from the bills.

6.0 LIQUIDATED DAMAGES;

- 6.1 Once firm delivery date(s) are fixed, they shall be strictly adhered to. In case they are not followed, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg, reserves the right either to cancel the order and make alternative purchases at the risk and expenses of the defaulting supplier or to charge liquidated damages from him/her at the rate of 2% of the value of goods not so delivered for each month's delay or part thereof. In case of delay the penalties would be deducted as under:

<u>Duration of delay</u>	<u>Penalty</u>
Upto 15 days	1% cost of the unit.
Between 16 to 30 days	2% cost of the unit
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.

7.0 INSURANCE

- 7.1 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 7 days or as mutually agreed

9.0 PAYMENT

Our terms of payment is 80% on COD basis through transport after receiving of materials & rest 20% after process of the same bill within in a period of 30 days. Such payments shall be made through accounts payee cheques.

10.0 TERMINATION OF CONTRACT

- 10.1 If any act of commission or omission of a unit under contract brings Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg, to dispute, then Managing Director , Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg, shall be competent to debar/blacklist the unit from further business.

11.0 CONSEQUENCES OF BREACH OF AGREEMENT

- 11.1 If any firm under the contract commits breach of any of the conditions, it shall be lawful for the Managing Director , Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg, 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 Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg,-490025 (CG), in this respect will be final and binding on the successful tenderer.
- 12.2 For all matters of dispute, the decision of the Managing Director, Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla, Durg, or a nominee appointed by him 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 Raipur.

Sd/-

Signature of tenderer

***Managing Director
Chhattisgarh Rajya Sahakari Dugdh Mahasangh
Maryadit, Urla, Durg,***

SCHEDULE III

(to be filled in and submitted along with the offer by the tenderer)

FORM -A

I/We hereby furnish particulars of our firm as under :

- 1 Name of the firm M/s.
- 2 Address of the firm Office.....
Factory.....
- 3 Telephone no/ Mobile No. Office..... Factory
- 4 Name of proprietor/ partner
- 5 Contact no. (mobile)
- 5 Registration No. & date, Certificate issuing authority.
- 6 GST No. with India Govt. certificate photocopy
- 7 Manufacturing facility with available Plant & machinery
- 8 Customers on current list
i.....
ii.....
ii.....
iii.....
iv.....
- 9 Are you supplying same material to any other cooperative dairies (if yes, give clientele list)
- 10 If you propose to diversify to technological advancement, if so what is the nature and expected time
- 11 Whether the firm was black-listed/debarred or penalized by any Central or State govt. Organization at any time. **/Yes/No/**
- 12 If the reply is ' Yes', when & why? Give reasons in detail

I/We undertake that the information furnished in this tender document is correct to the best of my/our knowledge and belief.

Date:

Place :

Seal &Signature of the authorized signatory of the firm

CHHATTISGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT
Village- Urla, BMY Charoda, Durg (CG) 490025, Telephone : 9203911394

DOCUMENTS

- | | | |
|----|---|--|
| 1 | Tender reference | CGCDF/PUR/OT-18/4741 , dated-01.12.2017 |
| 2 | Tender for | (A)Packing Materials for milk & milk products |
| 3 | Schedule I | General Terms & Conditions for tender submission & material supply |
| 4 | Schedule II | Details of material quantities, respective EMD & material specifications |
| 5 | Schedule III | Form - A: Details of tenderer
Form – B: Tender rate form |
| 6 | Last date for issue of tender documents | 29.12.2017Upto 1.00 pm . |
| 7 | Last date for submission of tender | 29.12.2017Upto02.00 pm. |
| 8 | Time and date for opening | 29.12.2017 At 3.00 pm . |
| 9 | Place of opening | Office of the Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla Durg 490025 |
| 10 | Address for communication | Office of the Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla Durg 490025 |

MANAGING DIRECTOR

Packing Materials for Milk & Milk Products

Plastic Cups & Glasses with decorative printed shrink sleeve sticker

A. Shrikhand 100 gms. cup Approx. qnty. 5 lakh nos

(i) Material	:	PP white colour
(ii) Total height	:	50 ± 1mm
(iii) Mouth dia O.D.	:	80 mm ± 1mm
Neck (of cup) O.D	:	71 mm± 1mm
Coller width	:	5mm (width of cup
Bottom dia O.D	:	edge) 50 mm ± 1mm
Weight of cup	:	5.0 ± 02 g
Full capacity	:	118 ml
Actual shape of cup	:	As per provided sample by
Thickness	:	sangh Should be uniform
Printing matter & design	:	Provided by MahaSangh to print on
Other requirement	:	cups Automatic filling sealing machine
		for cups as mentioned in Annexure -I
General Requirement:		As per Annexure -2

B. Sweet curd 100 gm. cup - Approx. qnty. 3 lakh nos

(i) Material	:	PP white colour
(ii) Total height	:	50 ± 1mm
(iii) Mouth dia O.D.	:	80 mm
Neck (of cup) O.D	:	71 mm
Collar width	:	5mm (width of cup edge)
Bottom dia O.D	:	50 mm
Weight of cup	:	5.0 ± 02 g
Full capacity	:	118 ml
Actual shape of cup	:	As per provided sample by sangh
Thickness	:	Should be uniform
Printing matter & design	:	Provided by MahaSangh to print on
Other requirement	:	cups
		Automatic filling sealing machine for
		cups as
		mentioned in Annexure -I
General Requirement:		As per Annexure -2

C. Plain curd 100 gm. cup

Approx. qnty. 7 lakh nos

(i)	Material	:	PP white colour
(ii)	Total height	:	50 ± 1mm
(iii)	Mouth dia O.D.	:	80 mm
	Neck (of cup) O.D	:	71 mm
	Collar width	:	5mm (width of cup edge)
	Bottom dia O.D	:	50 mm
	Weight of cup	:	5.0 ± 0.2 g
	Full capacity	:	118 ml
	Actual shape of cup	:	As per provided sample by sangh
	Thickness	:	Should be uniform
	Printing matter & design	:	Provided by MahaSangh to print on cups
	Other requirement	:	Automatic filling sealing machine for cups as mentioned in Annexure -I As per Annexure -2

General Requirement:

D.Lassi- 200 ml. glass

Approx. qnty. -5 lakh nos

(i)	Material	:	PP white colour
(ii)	Total height	:	90 ± 1mm
(iii)	Dimension	:	Mouth - O.D - 80 mm ± 1mm I.D - 72 mm ± 1mm Bottom Dia O.D - 50 mm
(iv)	Weight of cup	:	6.5 ± 0.3 g
(v)	Full capacity	:	245 ml

Printing matter &

design	:	Provided by MahaSangh to print on cups
Other requirement	:	Automatic filling sealing machine for cups as mentioned in Annexure -I As per Annexure -2

General Requirement:

E. Khova 500 gms. cup with suitable lid Approx. qnt 50000 nos

- (i) Material : PP white colour
- (ii) Total height : 64 ± 1 mm
- (iii) Mouth dia O.D. : 122 ± 1 mm
- Weight of cup : 17.5 ± 2 g
- Weight of lid : 8 ± 1 g
- Lid : Lid should be properly fixed on cups
- Printing matter & design : Provided by MahaSangh to print on cups
- General Requirement: As per Annexure -2

F. Shrikhand 500 gms. cup with suitable lid - Approx. qnty. 50000 nos

- (i) Material : PP white colour
- (ii) Total height : 64 ± 1 mm
- (iii) Mouth dia O.D. : 122 ± 1 mm
- Weight of cup : 17.5 ± 2 g
- Weight of lid : 8 ± 1 g
- Lid : Lid should be properly fixed on cups
- Printing matter & design : Provided by MahaSangh to print on cups
- General Requirement: As per Annexure -2

Annexure -1

Requirement of Cups/glass for Automatic filling & sealing machine

- The Cup/glass should be stackable without any interlocking and two successively stacked cups should have a minimum separation of approx. 4 to 5 mm.(required for easy separation of a single cup from the cup stack)
- The bottom of the cups should be flat upto a diameter of 56 mm and should have no lettering marking/projections of any kind (required for easy pick & place by vaccum application)
- The bottom of the cup should have sufficient mechanical strength to withstand vaccum suction without difference.
- The collar diameter and neck diameter of the cups should be within ± 0.2 mm.
- The sealing area should be approx.4 mm width circular ring, and in any case it should not be less than 3.2mm.

Annexure -2 GENERAL REQUIREMENT

- i. Thickness of the cup wall should be uniform without cracks
- ii. The cups should be free from dirt and dust particles, free from odour, packing should be under hygienic condition.
- iii. Rates be quoted for double colour printing as per Sangh Art work.
- iv. Please quote rates for lids and cups separately where ever required
However rates be also mentioned for cups & lids.
- v Bottom of the cup should be flat.
- vi Material should be virgin food grade plastic
(Certificate of food grade material shall be furnished in the enclosed format)
- vii Printing matter with vegetarian green symbol and shape can be seen from this office.
- Viii The mouth portion of above cups and glass will be sealed with Al. Foils by heat sealing process. The ink be used for printing should not give any off smell.
- Ix Demand will be placed as per requirement phase wise.

2. Alu. Foils for Cups and glass Approx Qty. 25,00,000 Nos

Size	Thickness
81 mm (for PP Material)	95 ± 5 micron

Printing in one/two colour as per CGCDF Art work
Suitable for automatic sealing and filling m/c

3. Corrugated Boxes (Printed in sigle colour)

Sr. No	Particulars	Size mm I.D	GSM per ply	PLY	B.S. min Kg/sq.cm	Aprox. Qty .Reqr
A	For 25 kg Devbhog white butter	500 x 285 x220	150 ± 5%	5	12	20,000 Nos
B	For Devbhog ghee of 1 lit.x16 Nos. for ceka pack.	445 x 300 x 180	150 ± 5%	5	12	20,000 Nos
C	For Devbhog ghee of ½ lit x 32 pkts.	470 x 290x 200	150 ± 5%	5	12	10,000 Nos

4. Corrugated tray with Plate for Flavor Milk Bottle(24 Nos.x 200ml):

Sr.No	Particulars	Size	Annual requirement (Approx.)
1	Printed Corrugated tray with single plate for holding 24 Nos. glass bottles with flavored milk 200 ml Cap. Tray Size- 360*220*53 mm of 5 ply, 750 GSM, Avg. weight of tray 125 gm ± 5% Plate Size- 290*175 mm Three ply, 360 GSM, Avg. Wt. 25 gm ± 5%	Tray Size- 360*220*53 mm of 5 ply, 750 GSM Avg. weight of tray 125 gm ± 5% Plate Size- 290*175 mm Three ply, 360GSM,Avg. Wt.25 gm ± 5% to put on the top (Mouth Side) of Bottle for Shrink sealing.	40,000 Nos.

Other requirements for corrugated boxes

- i Purchase order will be given only after approval of sample provided by supplier.
- ii. **Construction** universal type boxes shall be constructed from single piece double walled 5 ply or 3 ply heavy duty fibre board as per requirements, conforming to ISI 2771 Part 1 `1977. The fibre board must be derived from virgin kraft paper conforming to ISI-1397-1976 grade II. Only variation of ± 5% from the specified grammage for all plies for all types of boxes is permissible. All five or three plies shall be unbituminised and each ply shall be of 150 gsm as stated above. The second and fourth ply shall be corrugated and embodied into the outer ply in a manner such that they cannot be separated by pulling apart without damaging the paper and tearing it. All plies should be constructed from 150 gsm virgin kraft only.
- iii **Corrugation** the height of corrugation should be between 2.1 and 2.9 mm and there should be 150 to 155 corrugations per running metre length.
- iv **Gum** permissible under law for sticking the 5 piece to form the corrugated box to be used for packing ghee and SMP should only be used.
- v **Creasing, Scoring, Folding** The boxes should be creased and scored such that folding is appropriate and symmetrical.
- vi **Printing** All boxes to be printed as per prescribed design and single colour (sample will be available for reference.)
- vii **Joints** all boxes should have lap type of joints with minimum width of 30 mm. All stitches should be on the central axis of the lap at an angle of 45 degrees and total six staples should be used including double staples on upper and lower ends of the joints of boxes. Only GI wire of 12 to 25 SWG should be used for stitching.
- viii. **Packing** Boxes should be packed in bundles containing 20 units of each type of box and should be marked with supplier's name and/or initials/trade mark, batch No. lot No. and dimensions.
- ix **Hygiene** All boxes shall be clean, dry and free from fungus, insect infestation, dust etc. As the boxes will be used to pack food products, extra care should be taken for maintenance of cleanliness and delivery of the boxes in the dairy in most hygienic conditions.

5. Ceka Pack Carton for 1 Liter Ghee Packaging - Approx. qty. 1,00,000 nos

CEKA PACK Carton for Ghee filling -1 liter , Size mm L-102xW-70xH-168
400 GSM GB board food grade, 12 micron met pet/175mic, Polymer Laminated, 10 Mic. Film Lamination

6. Printed Ghee duplex box for 500ml/200ml sizes.

(A) 500ml Approx. qty. 75,000 nos

(B) 200 ml Approx. qty. 30,000 nos

Dimension

Dimension for 500 ml :90 x 110 x 70 mm .

Dimension for 200 ml :90x110x34 mm

Type of paper Board : Cyber excel Board from I.T.C mill with aquavarnish coating white board.

G.S.M:370 ± 5%

Bursting strength:7 - 8 kg /cm²

Lamination: Complete out side of cartons excluding flaps

Printing:As per the provided design of MahaSangh.

Other requirements for all the above three sizes :

- i) If GSM is less then 370± 5% GSM then the consignment will be rejected.
- ii) Duplex boxes must be perfectly laminated.
- iii) Cartons should confirm to ISI 1776-1961 amended till date.
- iv) Printing : 4 colours print as per our approved sample with design of artwork
- vi) Paper should be neat and clean, free from fungus, insects etc. Only of food grade quality, gums with anti-fungal properties shall be used.

7. Printed Peda duplex boxes 250gm/500gm/ 1 kg

I. 250 gm - Approx. qty 10000 nos

II. 500 gm- Approx. qty 75000 nos

III. 1 kg- Approx. qty 15000 nos

Dimensions:

			L	W	H
a) 250 gm	:	Top of box- I.D (mm)	108	x 78	x 45
		Bottom of box- I.D (mm)	106	x 76	x 45
a) 500 gm	:	Top of box- I.D (mm)	170	x 115	x 40
		Bottom of box- I.D (mm)	168	x 113	x 40
b) 1 kg	:	Top of box- I.D (mm)	260	x 150	x 40
		Bottom of box- I.D (mm)	258	x 148	x 40

GENERAL CONDITIONS:

Material : Duplex box sheet made of virgin quality material. G.S.M : 370 ± 5%

Lamination : Lamination proper and food - grade on complete inner side and out side of box.

Type of Box : Two piece box as per sample.

Printing: As per approved design and multicolour on top piece of the box.All the boxes shall be clean, dry and free from fungus, insect infection, dust etc. Extra care should be taken for maintenance of cleanliness and delivery of boxes in the dairy in most hygienic conditions

8. Ghee Tin Capacity 15 Kg& 5 liter with lid

= **Approx Qty. 15 kg- 20000 Nos &5 liter-10000 Nos**

1. 15 kg capacity Tin: Size =325 x 235 x 235 mm, Weight = Min.915g, Single joint.
2. 5 liter capacity Tin (Weight with new man cap : 415±15 gm)
 - i The gross capacity of the tin with closure fitted shall be not less then 18.9 litres
 - ii All tins should be laquered inside (Food grade)
 - iii The tins Dimensions, to larence and quality must be fulfilled(as per IS-916-1975)
 - iv Each tin shall be externally lithographed and shall be marked with particulars depicting the product in attractive multi coloured decorative design as per sangh's approved art work.
 - v Certificate of BSI shall be furnished along with the tender.

9. Disposable Bottles for Sterilized Flavoured Milk

Short neck bottles suitable for heat sterilization of milk under pressure.

Qty. Req. 5,00,000 Nos.

- | | | | |
|--------|--------------------|---|---------------------------------------|
| (i) | Weight of bottle | : | 150 ± 7gm |
| (ii) | Capacity | : | 220 ± 3 ml |
| (iii) | Bottom Dia - outer | : | 52 mm± 4 mm |
| (iv) | Mouth dia – outer | : | 25 mm |
| (v) | Mouth dia –inner | : | 17 mm |
| (vi) | Height | : | 152 mm |
| (vii) | Thermal Effect | : | Bottle shall pass thermal effect test |
| (viii) | Colour | : | Transparent |

10. Crown Cork for Sterilized Flavoured Milk Bottles

Qty. Req. 5,000 gross

- | | | | |
|------|----------|---|---|
| (i) | Weight | : | 2.1 ± 0.2gm (Min). |
| (ii) | Printing | : | As per colour art work of
MahaSangh. |

Crown cork for Sterilized Flavoured milk bottles of specification IS-5667-1980. Printing matter can be seen from this office.

11. Milk Pouch Crates :

Approx. qnty: 10,000 Nos.

- (i) Suitable : To hold 20 nos ½ litre milk pouches & stackable
(ii) Material : Food grade HDPE
(iii) Size : 568± 3mm x 298 ± 3mm x 173± 3mm outer dimensions .
498 ± 3mm x 228 ± 3mm x 164 ± 3 mm inner dimensions
(iv) Weight : 1200 ± 50 gms
(v) Colour : Blue
(vi) Printing & Embossing :
As given in purchase order
(to be screen printed on one side in hindi and another side
in english)
(vii) Test - : Shall pass the drop test

12. Polybags for Ghee , Shrink Roll and Printed Plain Dahi Pouch Film

A. Ghee Poly Bags:-

Poly bag For Ghee 500ml Packing	Approx. qty. req.- 05MT
One side printed(in Red colour) poly bag manufactured from food grade material, Size(220 X 160 mm, thickness: 100 ± 10 micron, maintain margin 1 cm during sealing from bottom side. The bag should be free from pinhole.	
Poly bag For Ghee 200 ml Packing	Approx. qty. req.- 02MT
One side printed(in Red colour) poly bag manufactured from food grade material, Size(160 X 134 mm, thickness: 100 ± 10 micron, maintain margin 1 cm during sealing from bottom side. The bag should be free from pinhole.	

B. Shrink Packaging Roll For SFM Bottles - Approx. qty req.- 2000kg

- Material - LDPE
- Plain Whiter color taransparent Shrink Wrapping Film (As per Sample)
- Thickness - 60micron±5micron, width - 540mm±5mm

C. Printed Pouch film for Plain Dahi Pocuh – 200 gm - Approx qty -02 MT Pigmented poch film with four color printing (11”) width 325± 2mm, average pouch length 9.5 cms & thickness 55 ± 5 micron for packing of **Curd- 200gm**

13. Multicolor Polybags for Paneer 200gm and 01kg

Paneer- 200gm- approx qty req-100000 Nos.

Paneer- 01kg - approx qty req- 100000 Nos.

A. Multicolor Polybag For Paneer 200gm Packing-

3 layered structure of polyester, metalized polyester and LDPE film, suitable to pack in vacuum packaging m/c, printing as per CGCDF design and multi color art work Material must be of food grade quality (New print of DEVBHOG) Without Zip- L 200mm x W 150mm, Thickness - 70± 5 micron

B. Multicolor Poly bag For Paneer 1 kg Packing

3 layered structure of polyester, matalised polyester and LDPE film, suitable to pack in vacuum packaging m/c, printing as per CGCDF design and multi color art work Material must be of food grade quality Without Zip- L 260mm X W215mm ± 5mm, Thickness - 70± 5 micron

14. Sticker for SFM bottle , Ghee tin Sticker Gum tape and Cello tape.

A. Sticker for SFM Bottle:-

Approx qty- 7,50,000 Nos

Specification -

Size	:	6.5 cm X18 cm
Adhesivity	:	Must be best quality on one side
Printing and Artwork	:	As per multi color art work of MAHASANGH
Lamination	:	On the printed matter side.

B. Sticker for Ghee Tins

- Sticker for Ghee Tin 15 kgs

Approx. qty.req.- 20000 Nos

Size – 9”x7” as per our sample and design

- Sticker for Ghee Tin 05 liter

Approx. qty.req. 10000 Nos

Size – 3.5”x6.5” as per our sample and design

Printed Tape

Gum Tape (Printed)- Approx. qty.req. – 15000 Nos

(चौडाई 72 mm, लम्बाई 65 मीटर, “देवभोग” ब्राण्ड प्रिन्ट सहित)

Cello Tape (Printed)- Approx. qty.req. – 3000 Nos

(चौडाई 12 mm, लम्बाई 40मीटर, “देवभोग” ब्राण्ड प्रिन्ट सहित)

Plastic Seal and Sealing wire.

- Plastic Pilfer Proof hand press seal for Milk Tanker and Milk can .Approx qty-100000 Nos, (Seal should be having or LOGO and serial no. security seals.)**
- Twisted Sealing Wire - Approx qty -800kg**

CHHATTISGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT
Village- Urla, BMY Charoda, Durg (CG) 490025, Telephone : 9203911394

DOCUMENTS

- | | | |
|----|---|--|
| 1 | Tender reference | CGCDF/PUR/OT-18/4741 , dated-01.12.2017 |
| 2 | Tender for | (B)Chemicals & Detergent |
| 3 | Schedule I | General Terms & Conditions for tender submission & material supply |
| 4 | Schedule II | Details of material quantities, respective EMD & material specifications |
| 5 | Schedule III | Form - A: Details of tenderer
Form – B: Tender rate form |
| 6 | Last date for issue of tender documents | 29.12.2017Upto 1.00 pm . |
| 7 | Last date for submission of tender | 29.12.2017Upto 02.00 pm. |
| 8 | Time and date for opening | 29.12.2017 At 3.00 pm . |
| 9 | Place of opening | Office of the Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla Durg 490025 |
| 10 | Address for communication | Office of the Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla Durg 490025 |

MANAGING DIRECTOR

CHHATTISGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT
Village- Urla, BMY Charoda, Durg (CG) 490025

CHEMICAL & DETERGENTS

TENDER REF : CGCDF/PUR/OT-18/ 4741

SCHEDULE - II

dated-01.12.2017

Sr. No.	Item Description	Approx. Yearly Req.	Earnest Money
01	Washing Soda Total Alkalinity Min 97% Insoluble matter by mass 0.3% max.IS-251. Bags are to be Marked with ISI mark.	02 MT	
02	Liquid Soap As per BIS 4956 –1977 Type -3 standard. Active matter Min 20, Clear point at 10°C, max pH of 1% Solutions- at 30°C 6 to 8, matter insoluble in Water Nil, Colour - Transparent brownish free From unpleasant odour. Supply in 200 Kg. plastic drums. (Non returnable).	10 MT	
03	Sulphuric-Acid Total acidity. Min 98% Free-from residue dirt & brunt particles. Sp.gravity (not less than) -1.84 Fat % in Acid – Nil. IS-266-1971.	08 MT	
04.	Amyl Alcohol (Milk Testing Grade) Clear and colourles. Sp.gravity at 27°C 0.807 to 0.809 (As per IS-360-1964 Grade 1) Comparison with Iso amyl alcohol of E merk/Ranbaxy/ Glaxo for fat, it should not show not more / less than 0.1%variation in fat % of milk of 1.5% to 7%. Alcohol should be supplied in 200 Kg. heavy duty Plastic drums non-returnable.	3000 LIT.	
05.	<u>Nitric Acid:-</u> Strength 65% <i>Clean and almost colorless, free</i> From sediment and other visible impurities, Shall be chloride free IS-264-1976 To be supplied in Loose, The specific gravity must be -1.42 - Rate should be obtain 70% Strength of Nitic Acid		08 MT

- | | | |
|------------|---|----------|
| 06. | Iodophore
Available Iodine 1.6% min. | 02 MT |
| 07. | Hydrogen Peroxide
50% W/W Commercial grade
Density at 25° C--1.191 With jar | 04 MT |
| 08 | Caustic Soda Flakes
IS:252-1973 marked(Rayangrade)
<i>Bags are to be marked with ISI mark</i> | 60 MT |
| 09. | Hydrochloric acid
(As per IS-265-1976)
Total acidity. Min 32% by mass | 03 MT |
| 10. | Ammonia Gas
Ammonia Gas in returnable cylinders having 50 kg. gas. | 5000 KGs |
| <u>11.</u> | Clean flow Chemicals

Cleanflo-104127 Chemicals | 500kg |
| <u>12.</u> | <u>Cleaning Chemicals</u>
<u>A- Ammonia Condenser water tank Chemicals- As per requirement</u> | |

ITEM DESCRIPTION

1. DT 747 M
2. CD Drewspere BD
3. CD Drewspere HPA
4. Kem Watereat AB
5. Kem Watereat AB- 1

B. Boiler Chemicals & Cleaning Chemicals- As per requirement

1. BLR- 46 UNIS
2. DREWPLEX 505
3. Rustokem D2

C. Other Cleaning Chemicals - As per requirement

1. Caustic Additive chemicals
2. Acidic Additive chemicals

CHHATTISGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT
Village- Urla, BMY Charoda, Durg (CG) 490025, Telephone : 9203911394

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| 1 | Tender reference | CGCDF/PUR/OT-18/ 4741, dated-01.12.2017 |
| 2 | Tender for | (C) Milk Collection & Testing Equipments |
| 3 | Schedule I | General Terms & Conditions for tender submission & material supply |
| 4 | Schedule II | Details of material quantities, respective EMD & material specifications |
| 5 | Schedule III | Form - A: Details of tenderer
Form – B: Tender rate form |
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MANAGING DIRECTOR

(DCS articles)

SPECIFICATION FOR MILK TESTING EQUIPMENTS

1. CENTRIFUGAL MACHINE FOR FAT TESTING

A- CENTRIFUGAL MACHINE COMPLETE for 24 tests (ISI mark)

ISI marked IS : 1223

Each centrifugal machine should be marked with the ISI certification mark ISI : 1223.

2. MILK SAMPLER FOR D.C.S.

- | | | | |
|------|-------------------------|---|--------------------|
| i) | Material | : | Good quality steel |
| ii) | Length of rod | : | 40 Cms. |
| iii) | Diameter of rod | : | 4.5 mm |
| iv) | Total length of sampler | : | 45 CMS. |
| v) | Wt. Of sampler | : | 35 Gms. Minimum |
| | (Having one spout) | | |
| vi) | Capacity of sampler | : | 50 L. |

3. SS MILK PLUNGERS

- i) Material : Good quality Stainless steel
- i) Diameter of the disc : 150 mm.
Disc (perforated
With 6 holes).
- ii) Wt. Of the disc. : Min. 45 Gms.
- iii) Length of the rod : 30 ± 2 inches
(Including loop type
Handle (from the top)
- iv) Diameter of rod : Min. 10 mm
- v) Average wt. Of the rod : Min 175 Gms.
Without disc.

4. (A) BUTYROMETER SHAKING STAND (WOODEN)

- i) Material : Shaking stand shall be made of good quality & shall have good finish.
- ii) Dimensions : a) Top length 47±2 cms.
Middle length 47±2 cms
Bottom length cms. 47±2 cms
Total height of stand 17 cm excluding cover plate.
Having grooves for the bottom portions of butyrometers. Depth 0.5 Cms.
b) 24 holes of 2.7 Cms. Diameter in the top and middle layer in 2 rows.
c) The shaking stands shall have 12 GI pieces fixed on the corners with the help of nails, so as to make the stand sturdy.
d) Width of the stand shall be 8.5 ± 0.5 CMS.
The gap between two rows shall be 1.0 CMS.
- iii) Thickness : Thickness of the wood used shall be 1.3+/-0.2 Cms. Uniform.

(B) BUTYROMETER SHAKING STAND (PLASTIC)

- i) Material : Good Quality HDPE
- ii) Row : 8x3 With cover
- iii) Weight : 550±10%
- iv) Length : 285 mm
- v) Width : 110 mm
- vi) Total height with cover: 160 mm

NOTE :- 1. Shaking stand shall be made from the wood of mango / babool tree.
2. Two fly nuts and bolts to be provided both side of the shaking stand.

5. PLASTIC SAMPLE BOTTLES:

- i) Materials : Made from virgin HDPE white Granules.
- ii) Capacity : 100± 10 ml

- iii) Outer diameter of mouth : 2.7 ± 0.1 Cms
- iv) Diameter of the body : 38 ± 1 mm
- v) Avg. Wt. Of. Empty bottle (without cap) : $10.5 \text{ gm} \pm 0.5 \text{ gm}$.
- vi) Length of bottle : 11.8 ± 0.2 Cms.
- vii) Packing : a) the bottle shall be supplied in gunny bags having 500 bottles.
b) The bottle must bear the name of the manufacturer in short at the bottom.

Note: If wt. of bottle will be less than 10 gms. consignment will be rejected.

6. MILK COLLECTION TRAY FOR D.C.S.

- i) Material : The milk collection trays shall be made of galvanized Iron sheet of 0.70 ± 0.05 mm. Thickness through out .
- ii) Spout diameter and Length : Length 12 cms. Diameter 3 cms.
- iii) Dimensions : Length 60 ± 0.5 cm,
width 45 ± 0.5 Cm.
Height 7.0 ± 0.5 cms (including 0.5 Cms support in bottom)
Weight minimum - 2 kg.
- iv) Other:
 - a) The tray should be soldered at corners so that it shall be free from leakage from all the corners
 - b) Trays should be provided with two handles.
 - c) Two supporting rings at the bottom having 3 cms. diameter.
- v) Height of supporting rings 5 ± 1 mm.

7. MILK STAINER (WITHOUT GAUGE):

- i) Material : The strainer shall be made of best quality aluminum Sheet having 0.8-mm. thickness throughout.
- ii) Top outer diameter : 32.5 ± 0.5 Cms.
- iii) Total Height : 16.5 ± 0.5 Cms.
- iv) Weight : 300 to 310 GM.
- v) Bottom diameter : Suitable for milk sieve as per item no 10.
- vi) Other : A loop shall be provided for hanging.

8. MILK SIEVE:

- i) Milk sieve made from brass wire mesh of 500 mesh.
- ii) Brass wire mesh mounted on Aluminum Frame of outer diameter of 12.5 Cms. having two cross bars at right angle.
- iii) Total weight - Min 20 ± 3 grams.

9. A SIEVE LOCK - IRON WIRE

10. SAMPLE BOTTLE BRUSH :

- i) Diameter of brush for hair : $5 (\pm 0.5 \text{ Cms})$

- ii) Length of Hair brush : 8.5 (± 0.5 Cms)
- iii) Total length of brush brush including loop type handle. : 20 (± 2 Cms)
- v) Weight of Brush : 5 Grams.
- v) Other : Sample must be provided at the time of the tenders. Brushes must be sturdy.

11. BUTYROMETER BRUSH :

- i) Total length of brush : 25 (± 1 Cms)
(including loop type) : Hairing of brush upto 15 mm (2 Cm. Dia) from 115 to 195 mm (3 Cm. Dia).
- ii) Weight of Brush : 2 Grams.
- iii) Other : Sample must be provided at the time of opening of the tender

12. PIPETTE BRUSH (10.75 ml.)

- i) Length of Brush : 40 ± 1.0 Cms.
- ii) Hairing length : 10 Cms (upto first two cms. tapered type hairing.)
- iii) Dia. Of brush : 2 cms.
- iv) Weight of Brush : 3 Grams.
- v) Others : Sample must be provided at the time of opening of the tender

13. SAMPLE BOTTLE STAND :

- i) Material for construction : Stands shall be made of alluminium Sheet
- ii) Thickness in mm. : Min. 0.6 ± 0.05 mm throughout
- iii) No. Of holes : 24 in 3 rows of 8 of 44mm diameter.
- lv) Dimensions : Length width Height
(440x170x48) 440 ±5 mm 170±1mm 48 ± 1 mm.
- v) Riveting shall be done with alluminium rivets.
- vi) Two carrying handles made of alluminium . Wires of 4 mm thickness shall be provided or grooved handles will also be considered.
- vii) Weight : 250gm±10 gm

14. PIPETTE STAND :

- i) Material for con. : Made of plastic HDPE in white colour (Pigmented)
- ii) Type : Horizontal folding type
- iii) Capacity : For 12 pipettes.
- iv) Weight Minimum : 100 gm ± 10 gm (Approx)

15. DROPPING BOTTLE :

- i) Materials : made of HDPE in white colour (Pigmented)
- ii) Wt. of bottle : 30 to 35 grams.
- iii) Capacity : 250 ML. (Min)

- iv) Delivery tube : a) Length 26 to 27 Cms, b) Outer dia. 0.5 Cms.

The delivery tube shall be provided with nozzle.

16. MILK BUTYROMETER:

The items should be ISI marked individually and copy of the B.I.S. License should be enclosed with tender form.

17. MILK PIPETTE 10.75 ml (ISI MARKED)

The items should be ISI marked individually and copy of the B.I.S. License should be enclosed with tender form.

18. PLASTIC TILT MEASURES 10 ML. (ACID)

- i) Material : Made of good quality glass/plastic, which should be annealed & free from cracks and other visible defects.
- ii) Capacity : 10 + 0.50 ML.
- iii) JET : Should be tapered
- iv) Rubber cork : Size of cork should be suitable to fit in the bottle of 2.5 Cms. Inner diameter of mouth (9 No. Cork).
Bottom cork 2 cm

- 19. Acid Bottle** : Capacity 500 ml
Made from Glass or plastic to fit 9 no. cork of Acid Tiltmeasures

20. PLASTIC TILT MEASURE 1 ML.(ALCOHOL)

- i) Material : Made of good quality glass/plastic, which should be annealed and free from all visible defects cracks etc.
- ii) Capacity : 1.0 + 0.05 ml.
- iii) JET : Should be tapered.
- iv) Rubber cork size : Cork should be suitable to fit in a bottle of 2.5 Cms. Inner diameter of mouth.
(9 No cork) bottom cork 2 cm

- 21. ALCOHOL Bottle** : Capacity 200ml/500 ml
Made from Glass or plastic to fit 9 no. cork of Acid Tiltmeasures

22. LOCK STOPPER KEY :

- i) The lock stopper key shall be as per ISI : 1223 (part - I)
- ii) The lock stopper key made from best quality of aluminium

23. LOCK STOPPERS:

- A) The lock stoppers shall bear the B.I.S. certification. Must enclose the copy of B.I.S. License alongwith the tender form. B) I.S.I. Marked.

24. JERRY CANS FOR SULPHURIC ACID:(20 Liters)

- i) Construction : Heavy-duty jerry cans in white made up of virgin high-density polyethylene, stackable type with lid. Cap and sealing arrangement. Suitable for filling/storing/transporting acid.
- iii) Weight:1200 gms. ± 50 Gms.
- iv) Capacity:20 Litres.

- iv) Mouth Dimension: Suitable for filling/ empty sulphuric acid in Jerry cans.
- v) Drop Test: When loaded jerry cans dropped three times (from the height of 1.5 meters) of the jerry can should not show any sign of breakage/leakage.
- vi) Others
 - a) Jerry can shall be of even thickness, through out and free from pinholes.
 - b) Jerry can shall bear the name of manufacturer (in short) year and month of manufacture and batch no. Near the neck.

25. PLASTIC JERRY CANS FOR SULPHURIC ACID:(10 Lits)HDPE

- i) Construction : Heavy-duty jerry cans in white made up of virgin high-density polyethylene, stackable type with lid. Cap Suitable for filling/storing/transporting sulphuric acid from jerry can..
- ii) Weight: 800 \pm 5%
- iii) Capacity: 10 Litres.
- iv) Mouth Dimension: Suitable for filling/ empty sulphuric acid in Jerry cans.
- v) Drop Test: When loaded jerry cans dropped three times (from the height of 1.5 meters) of the jerry can should not show any sign of breakage/leakage.

26. JERRY CAN FOR AMYL - ALCOHOL: (2.5 LIT)

- i) Construction : Heavy duty jerry can, in white colour made up of virgin high density polyethylene, stackable type with lid, cap suitable for filling/storing/transporting amyl alcohol
- ii) Weight : 250 Grams \pm 12 gms
- iii) Capacity : 2.5 Lit.
- iv) Drop test : When loaded jerry can dropped three. Times from the height of 1.5 meters. The jerry can should not show any sign of breakage/leakage.
- v) Others :
 - a) Jerry can shall be of even thickness throughout and free from pin holes.
 - b) Jerry cans shall bear the name of the manufacturer, year and month of manufacture and batch near the neck.

27. ALCOHOL THERMOMETER

- : Scale range --- (-)10 °C to 110 °C
- Graduation interval ----- 1° C
- Scale Accuracy----- \pm 1°C

28. ALUMINUM MEASURING SET FOR MILK

Capacity : **1000ML, 500ML, 200ML, 100 ML**
Specification : As per Department of Weight and Measurement.
Other terms : Duly inspected and stamped by the Department of weights and measurement.

29. LACTOMETER JAR:

Material : Aluminum
Pipe Dia : 30.00 mm
Pipe length(ID) : 130 mm
Wall thickness of pipe(Internal) : 0.70mm
Bottom support Dia : 77± 2mm
Weight of jar : 45 ± 5 gm.

30. LACTOMETER:

LACTOMETER (STAR BRAND)

LACTOMETER ZEAL TYPE REGULAR:HSN 9025 8030 BOROSIL glass, STAR Brand, Calibrated at 84 Deg.F. Scale graduation 0-40,Divided into 1.0 Deg. without identification number, Accuracy Tolerance: +/-0.5 Lactometer reading.

CHHATTISGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT
Village- Urla, BMY Charoda, Durg (CG) 490025, Telephone : 9203911394

1	Tender reference	CGCDF/PUR/OT-18/4741, dated- 01.12.2017
2	Tender for	(D) Alu. Milk Can with Lid and Can Lid Separately
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8	Time and date for opening	29.12.2017 At 3.00 pm . Office of the Chhattisgarh State Cooperative Dairy Federation Limited, Urla Durg 490025
9	Place of opening	
10	Address for communication	Office of the Chhattisgarh State Coopeative Dairy Federation Limited, Urla Durg 490025

CHHATTISGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT
Village- Urla, BMY Charoda, Durg (CG) 490025

SCHEDULE - III

TENDER REF: CGCDF/PUR/OT-18/4741

dated- 01.12.2017

SPECIFICATION FOR Alu. Milk Can 40 liters capa. with Lid- ISI Mark and Alu. Can Lid- ISI Mark Separately.

Reqd Qty- As Per our Requirement.

(A) FOR ALUMINIUM ALLOY MILK CAN (ISI Marked) 40 litres capacity WITH LID:

i) FUNCTIONAL REQUIREMENTS:

Cans are to be used in transportation of milk from milk collection centers to processing plants and for handling milk in processing plant.

ii) DESIGN REQUIREMENTS: Capacity: 40 Liters

Approximate Dimensions of 40 Liters Cans

Normal Capacity: 40 Liters + 2%

Total Height with lid: 595 +-4 mm.

Maximum dia at base: 352 +- 3 mm.

Maximum dia at neck: 200 _ 0.5 mm.

Minimum hardness: 85.0 B.H.

Minimum anodizing film thickness: 12 Micron.

Weight (Minimum): 6.5 kgs

iii) ISI Code: Each Milk-can should be marked with the ISI certification mark. The aluminum alloy milk can should be manufactured and tested in accordance to IS: 1825-1983 with amendments till date certificate to be placed along with tender.

iv) BODY: Single piece steam lined construction formed by deep drawings/spinning and subsequent spinning weld joint should be completely eliminated.

v) HANDLE: Two numbers of handles made of extruded aluminum alloy bar, designed to give good grip of the can.

vi) BOTTOM BAND: This shall be made from extruded section of aluminum alloy, rolled and brazed or welded to ring shape. The bottom band shall be shrunk fit, with proper locking arrangement on the body. This shall be followed by brazing or welding all sides flushed with bottom permitting draining of water and detergent from bottom of the reversed can.

vii) LID: The lid should be of the same aluminum alloy and with conical skirts provided with air equalizing holes. The lid to have mushroom shape to drain off any water outside. The lid should be provided with two numbers of punched holes near periphery of lid for sealing the can. Two-piece lid should be firstly spot welded at four points near periphery and at the centre followed by welding/brazing all around.

viii) Material: Can body and can lid shall be made from sheets or aluminum alloy conforming to IS designation 64430 (HS 30) of IS:737-1974 and handles and bottom band of IS: 733-1975.

ix) Heat Treatment and anodizing: The can and lid shall be solution heat-treated and age hardened for maximum strength and durability. The can and lid should also be anodized from inside and outside to protect them from corrosion.

x) Finish: All blazing or welding shall be free from porosity, blowholes and lumps and should sound in nature. All welded or brazed joints shall be finished smooth to provide a sanitary finish to all inner and outer surfaces.

xi) Marking: Each Milk-can shall be marked legibly and permanently with at least the following particulars:

- Manufacturer's name or initial or trademark if any
- The rated capacity of the can in liters.
- Batch or code number.
- Point of capacity.

xii) Drop Test – Shall pass the test

xiii) Embossing: Milk can and lids should be embossed with “CGCDF-ISI”

XXXXXXXX

CHHATTISGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT
Village- Urla, BMY Charoda, Durg (CG) 490025, Telephone : 9203911394

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| 3 | Schedule I | General Terms & Conditions for tender submission & material supply |
| 4 | Schedule II | Details of material quantities, respective EMD & material specifications |
| 5 | Schedule III | Form - A: Details of tenderer
Form – B: Tender rate form |
| 6 | Last date for issue of tender documents | 29.12.2017 Upto 1.00 pm . |
| 7 | Last date for submission of tender | 29.12.2017Upto 02.00 pm . |
| 8 | Time and date for opening | 29.12.2017 At 3.00 pm . |
| 9 | Place of opening | Office of the Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla Durg 490025 |
| 10 | Address for communication | Office of the Chhattisgarh Rajya Sahakari Dugdh Mahasangh Maryadit, Urla Durg 490025 |

MANAGING DIRECTOR

CHHATTISGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT
Village- Urla, BMY Charoda, Durg (CG) 490025

TENDER REF: CGCDF/PUR/OT-18/4741

dated -01.12.2017

MASALA ITEM

क्रमांक	मशाला सामग्री	वांछित मात्रा
1	जीरा	600 कि०ग्रा०
2	काली मिर्च	600 कि०ग्रा०
3	काला नमक	1000 कि०ग्रा०
4	सादा नमक (TATA MAKE)	2000 कि०ग्रा०
5	हरी ईलायची	50 कि०ग्रा०

नोट:- मशाला सामग्री हेतु निविदा प्रपत्र तथा अमानत राशि की आवश्यकता नहीं है, मात्र दर एवं सामग्री का सेम्पल प्रस्तुत करें।