

# छत्तीसगढ़ राज्य सहकारी दुग्ध महासंघ मर्यादित

ग्राम-उरला, पो – बी0एम0वाय0 चरोदा,जिला-दुर्ग, छ0ग0

क्रमांक / 6174 / छगदुमस / क्रय / 2019

दिनांक-06.11.2019

## ।।द्वितीय निविदा सूचना ।।

छत्तीसगढ़ राज्य सहकारी दुग्ध महासंघ मर्यादित द्वारा विभिन्न प्रकार की डेयरी उपयोगी पैकिंग मटेरियल्स एवं केमिकल्स क्रय बाबत द्वितीय निविदा आमंत्रित की जाती है, निविदा जमा करने एवं खोलने हेतु अंतिम तिथि- **29.11.2019** निर्धारित है, जिसका विस्तृत विवरण दुग्ध महासंघ की वेबसाइट:-[www.cgcoopdairyfed.in](http://www.cgcoopdairyfed.in) पर उपलब्ध है।

प्रबंध संचालक

**CHHATTISHGARH RAJYA SAHAKARI DUGDH MAHASANGH MARYADIT**  
(ISO 22000:2005 Certified)

Email: [raipurdugdhsangh@gmail.com](mailto:raipurdugdhsangh@gmail.com)

Website: [www.cgcoopdairyfed.in](http://www.cgcoopdairyfed.in)

CGCDF/PUR/OT-19/6174

Date: - 06-11-2019

**Tender Notice for Purchase of Various Dairy Materials-IIInd Tender**

Sealed tenders are invited from manufacturers/ traders for supply of various types of dairy materials according to our monthly/quarterly/Yearly requirement. Details of materials and EMD are as below:-

S. no.	Name of item	Amount EMD(Rs.)
1	Disposable plastic glass & Cups for milk Products with Decorative Printed Shrink Sleeve Sticker & Food Graded Printed	Rs.20,000/-
2	Printed Corrugated boxes for Ghee 1 Ltr,500 ml & White Butter (25 kg),	Rs. 5,000/-
3	Printed Corrugated tray with plate for Flavored Milk Bottles.	Rs. 2,000/-
4	Printed Corrugated boxes for Ghee-500 ml &200ml Pet Jar	Rs. 2,000/-
5	Pet Bottle for Ghee-500 ml &200ml	Rs. 10,000/-
6	Alu. Foil for Pet Ghee Bottle 200 &500 ml Capacity	Rs. 3,000/-
7	Ceka Pack Ghee Carton for Ghee (1 Liter)	Rs.20,000/-
8	Plastic Ghee Buckets for 5 lit. &15 Kg capacity	Rs.10,000/-
9	Crown -Corks for 200 ml Flavored Milk Bottles	Rs. 2,000/-
10	Shrink Packaging Roll for SFM Bottles & printed plain dahi pouch film.	Rs.15,000/-
11	Multicolor Polybags for Paneer (200gm &1kg)	Rs. 10,000/-
12	Plastic sealing wire and seal.	Rs. 2,000/-
13	Acid, Liquid Soap, Alcohol, H2O2 and other chemicals.	Rs. 20,000/-
14	Printed SMP Kraft Paper Bag	Rs. 5,000/-
15	DCS Testing Materials	Rs. 10,000/-

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 and our website. In case form is downloaded from website then separate DD of Rs. 1000/- be attached with tender form. Last date and time for issue of tender documents is **29-11-2019** up to **1.00 PM**, submission of tender is **29-11-2019** 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](http://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 of- 2020-21

**Tender Ref.: CGCDF/PUR/OT-19/ 6174**

**Date:- 06.11.2019**

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 2020-21.**

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 there of 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:

<b><u>Duration of delay</u></b>	<b><u>Penalty</u></b>
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.
- 12.4 **No correspondence will be entertained regarding tender after submission of tender document.**

Sd/-

*Managing Director*

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

*Signature of tenderer*

**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  
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**





**FORM -C**

(CERTIFICATE TO BE SUBMITTED ALONGWITH TENDER FORM ON THE LETTER HEAD OF FIRM)

**To**  
**Managing Director**  
**Chhattisgarh State Cooperative**  
**Dairy Federation Limited, Urla,**  
**Durg.- 490025 (CG)**

***Sub: FOOD GRADE CERTIFICATE***

**Dear Sir,**

We certify that the rates quoted for various packaging material namely....., .....,  
..... are of food grade quality only and we shall be making supplies to your firm  
strictly as per food grade quality standards.

**Thanking you,**

Yours faithfully,

Place : .....  
Date : .....

Signature of the authorized signatory  
with seal of the firm

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**SCHEDULE - II**

**Packing Materials for Milk & Milk Products**

**1. Plastic Cups & Glasses with decorative printed shrink sleeve sticker & Food Graded Printed.**

**-Rate should be quote by the bidder for both decorative printed shrink sleeve sticker & Food Graded Printed- As per the multicolor art work of CGCDF.**

**A. Shrikhand 100 gms. Cup- Approx. qnty. 5 lakh nos**

Material	:	PP white colour
Total height	:	50 ± 1mm
Mouth dia O.D	:	80 mm ± 1mm
Neck (of cup) O.D	:	71 mm± 1mm
Collar width	:	5mm (width of cup edge)
Bottom dia O.D	:	50 mm ± 1mm
Weight of cup	:	5.0 ± 02 g
Full capacity	:	118 gm

Printing matter & design : As per provided sample by Mahasangh

**B. Sweet curd 100 gm. Cup- Approx. qnty. 5 lakh nos**

Material	:	PP white colour
Total height	:	50 ± 1mm
Mouth dia O.D	:	80 mm ± 1mm
Neck (of cup) O.D	:	71 mm± 1mm
Collar width	:	5mm (width of cup edge)
Bottom dia O.D	:	50 mm ± 1mm
Weight of cup	:	5.0 ± 02 g
Full capacity	:	118 gm

Printing matter & design :As per provided sample by Mahasangh

**C. Plain curd 100 gm. Cup- Approx. qnty. 7 lakh nos**

Material	:	PP white colour
Total height	:	50 ± 1mm
Mouth dia O.D	:	80 mm ± 1mm
Neck (of cup) O.D	:	71 mm± 1mm
Collar width	:	5mm (width of cup edge)
Bottom dia O.D	:	50 mm ± 1mm
Weight of cup	:	5.0 ± 02 g
Full capacity	:	118 gm

Printing matter & design :As per provided sample by Mahasangh

**D. Lassi Glass-200ml. - Approx. qnty. 7 lakh nos**

Material	:	PP white colour
Total height	:	90 ± 1mm
Mouth dia O.D	:	80 mm ± 1mm
Neck (of cup) O.D	:	71 mm± 1mm
Collar width	:	5mm (width of cup edge)
Bottom dia O.D	:	50 mm ± 1mm
Weight of Glass	:	6.5 ± 03 g
Full capacity	:	245 ml

Printing matter & design :As per provided sample by Mahasangh

**E. Khova Cup-500gm with lid- Approx. qnty. 15000 nos**

Material	:	PP white colour
Total height	:	64 ± 1mm
Mouth dia O.D	:	122 mm ± 1mm
Bottom dia O.D	:	50 mm ± 1mm
Weight of Cup	:	17.5 ± 02 g
Weight of Lid	:	08 ± 02 g
Full capacity	:	520gm

Printing matter & design: As per provided sample by Mahasangh

**F. Shrikhand Cup-500gm with lid- Approx. qnty. 15000 nos**

Material	:	PP white colour
Total height	:	64 ± 1mm
Mouth dia O.D	:	122 mm ± 1mm
Bottom dia O.D	:	50 mm ± 1mm
Weight of Cup	:	17.5 ± 02 g
Weight of Lid	:	08 ± 02 g
Full capacity	:	520gm

Printing matter & design: As per provided sample by Mahasangh

**G. Rabdi Cups -80gm Approx. qnty. 200000 nos**

PP food graded Cup, Dia-80mm ±2mm, Inner Diameter-68mm±2mm,  
Cup Height-38mm±2mm, Bottom Diameter-58mm±2mm,  
Collar Width-50mm±1mm, Weight of cup - 4.0 ± 02 g

Printing matter & design: As per provided sample by Mahasangh

**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 +-0.2mm.
- 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**

- Thickness of the cup wall should be uniform without cracks
- The cups should be free from dirt and dust particles, free from odour, packing should be under hygienic condition.
- Rates be quoted for double colour printing as per Mahasangh Art work.
- Please quote rates for lids and cups separately where ever required  
However rates be also mentioned for cups & lids.
- Bottom of the cup should be flat.
- Material should be virgin food grade plastic  
(Certificate of food grade material shall be furnished in the enclosed format)
- Printing matter with vegetarian green symbol and shape can be seen from this office.
- 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.
- Demand will be placed as per requirement phase wise.

## 2. Corrugated Boxes (Printed in single colour)

Sr. No	Particulars	Size mm I.D	GSM per ply	PLY	B.S. min Kg/sq.cm	Approx. 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	5,000 Nos
C	For Devbhog ghee of ½ lit x 32 pkts.	470 x 290x 200	150 ± 5%	5	12	5,000 Nos

## 3. 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.	10,000 Nos.

## 4. Corrugated Boxes for Pet Jar 200 ml & 500 ml Ghee Packing (Printed in single colour)

Sr No.	Particulars	Size in mm	GSM per ply	Ply	B.S.min kg/sq.cm	Approx Qty Req.
1	For 200 ml Ghee Pet Bottles- 24 X 200 ml Bottles single layer load	420 x 280x 125	150±5%	5	12	1000 Nos
2	For 200 ml Ghee Pet Bottles- 48 X 200 ml Bottles double layer load	420 x 285x 240	150±5%	5	12	500 Nos
3	For 500 ml Ghee Pet Bottles- 24 X 500 ml Bottles single layer load	470 x 310x 170	150±5%	5	12	500 Nos
4	For 500 ml Ghee Pet Bottles- 48 X 500 ml Bottles double layer load	470 x 310x 340	150±5%	5	12	1000 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. PET Jar for 200 ml Ghee Packing(Food Grade Plastic): - Qnty. Req. 20000 Nos.**

(i)	Weight of bottle	:18gm
(ii)	Capacity	:295ml
(iii)	Bottom Dia - outer	:50.2mm
(iv)	Mouth dia – outer	:52.6mm
(v)	Mouth dia –inner	:46.5mm
(vi)	Height	:108.5mmwithout cap
(vii)	Colour	:Transparent

**PET Jar for 500 ml Ghee Packing(Food Grade Plastic): - Qnty. Req. .20000 Nos**

(i)	Weight of bottle	:28gm
(ii)	Capacity	:575ml
(iii)	Bottom Dia - outer	:58mm
(iv)	Mouth dia – outer	:52.3mm
(v)	Mouth dia –inner	:46.9mm
(vi)	Height	:155mm without cap
(vii)	Colour	:Transparent

**6. Alu. Foils for Pet Jar 200ml & 500ml Ghee Packing: - Approx Qty.100kg**

<b>Size</b>	<b>Thickness</b>
56mm	20 Micron.

Printing in one/two colour as per CGCDF Art work

**7. Ceka Pack Carton for 1 Liter Ghee Packaging** - Approx. qty. 80,000 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

**8. Ghee Bucket Capacity 15 Kg& 5 liter with lid**

Printed Pilfer and Leak Proof Containers made in food grade Plastic (PPCP) 15 kgs and 05 liter Capacity - Lid to be yellow colour

**Approx Qty. 15 kg- 10000 Nos & 5 liter-5000 Nos**

**A. 15 kg capacity Bucket:**

Raw materials :- Food Grade PPCP

Overflow Capa:-17.200±0.500,Max. Filling Capacity /under lid vol. 15.650±0.500in liter

**Jar-** Neck Dia- 247±3mm, Max OD-275±3mm(Top), Max OD-223±3mm(Bottom),

Height - 329±3mm, Weight :- 530±10 gm.

**Lid:-** Max OD-263±3mm(Top), Height – 24.5±2mm, Weight :- 140±10 gm.and Weight of Handle will be :- 10±2 gm.

i Product in attractive multi colored decorative design as per Mahasangh approved art work.

ii Certificate of Food graded plastic shall be furnished along with the tender.

**B. 05 liters capacity Bucket:**

Raw materials: - Food Grade PPCP

Overflow Capa:- 6.000±0.200, Max. Filling Capacity /under lid vol. 5.400±0.200 in liter

**Jar-** Neck Dia- 175±2mm, Max OD-202±2mm(Top), Max OD-155±2mm(Bottom),

Height - 237±3mm, Weight :- 205±10 gm.

**Lid:-** Max OD-182±2mm(Top), Height – 25±2mm, Weight :- 63±10 gm.and Weight of Handle will be :- 9±2 gm.

iii Product in attractive multi colored decorative design as per Mahasangh approved art work.

iv Certificate of Food graded plastic shall be furnished along with the tender.

## **9.Crown Cork for Sterilized Flavored Milk Bottles**

**Qty. Req. 2,000 gross**

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

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

## **10. Shrink Roll and Printed Plain Dahi Pouch Film**

**A. Shrink Packaging Roll For SFM Bottles - Approx. qty req.- 1000kg**

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

**B. 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, Kadhi Dahi 200gm and Plain Curd- 1kg**

## **11. Multicolor Polybags for Paneer 200gm and 01kg**

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

**Paneer- 01kg - approx qty req- 200000 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

## **12. 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**

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# Chemicals and Detergent for Dairy Use

- 01 Liquid Soap** 8 MT  
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).
- 02 Sulphuric-Acid** 05 MT  
Total acidity. Min 98%  
Free-from residue dirt & brunt particles.  
Sp.gravity (not less than) -1.84  
Fat % in Acid – Nil.  
IS-266-1971.(Non returnable Jar).
- 03. Amyl Alcohol ( Milk Testing Grade)** 3000 LIT.  
Clear and colourless. 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.
- 04. Nitric Acid:-** 05MT  
Strength 65% *Clean and almost colorless, free* 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 .(Non returnable Jar).
- 05. Iodophore** 01 MT  
Available Iodine 1.6% min.
- 06. Ammonia Gas** 2000 KGs  
Ammonia Gas in returnable cylinders having 50 kg. gas.
- 07. Clean flow Chemicals** 500kg  
Cleanflo-104127 Chemicals
- 08. Cleaning Chemicals**  
A. Ammonia Condenser water tank Chemicals- As per requirement

## ITEM DESCRIPTION

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

### 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

# **PRINTED DEVBHOG SMP BAGS (25 KG PACK)**

## **Specification of Printed Devbhog SMP Bag (25 kg Pack) –QTY-5000Nos(Approx).**

Material: 80 GSM Kraft Paper Laminated to HDPE Fabric with LDPE Lamination with Kraft Paper Bag with gusset and bottom stitched. Size 5+5 & 5+5 cm.

Size: Size 101.5 x 49.5 cm  $\pm$ 5 cm

HDPE Fabric Mesh-10x10 Meshes

GSM-LDPE:100 gm/m<sup>2</sup>

GSM-Kraft Paper 80 $\pm$ 5%

Design: As per approved design of CGCDF.

Stitching: Two plies Nylon thread double stitched through 100GSM crape paper.

*Signature of tenderer*

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



## DCS Milk Testing Equipment

SN	Name of Milk Collection Equipment/Accessories and Milk Testing accessories
1	Milk Sampler, made from 1.2 mm thick SS 304 Minimum weight - 90 gm
2	Lactometer Cylinder, made from SS 304 pipe Having 1.6 mm wall thickness. Minimum weight -270 gm
3	Funnel with Strainer, made from 1.2 mm thick SS 304 Minimum weight-1600 gm
4	Strainer Sieve for Funnel, Material SS 304
5	Measure 100 ML, made from 1.25 mm thick SS 304. Minimum weight 125 gm
6	Measure 200 ML, made from 1.25 mm thick SS 304 Minimum weight-180 gm
7	Measure 500 ML made from 1.6 mm thick SS 304 Minimum weight- 425 gm
8	Measure 1000 ML, made from 1.6 mm thick SS 304, Minimum weight- 650 gm
9	Milk Can Plunger made from SS 304. Minimum weight- 650 gm
10	Milk Bucket made from SS 200 series seamless With bottom ring, 15 litre capacity. Minimum weight -1600 gm
11	Milk Collection Tray, made from 1.2 mm thick SS 304 Size 440x 590x65 mm, Minimum weight-4200 gm
12	Lock stoppers shall bear the B.I.S. certification. Must enclose the copy of B.I.S. License along with the tender form. B) I.S.I. Marked.
13	i) The lock stopper key shall be as per ISI : 1223 ( part - I ) ii) The lock stopper key made from best quality of aluminum
14	Lactometer Zeal type, 0 to 40 with ½ division, Calibrated at 84 F, Accuracy +_ 0.25 LR
15	Pipette 10.75 ml ,ISI mark Double tested
16	Graduated pipettes 10ml
17	Butyrometers (ISI Make), double tested, for milk 0-10%, accuracy 100%
18	Butyrometers shaking stand ,12 holes (HDPE)
19	Plastic sample bottles ,50 ml, with cap, made from Food grade plastic, Minimum weight-5.5gm
20	Plastic tray for holding 24 Nos. sample bottles securely ,made from food grade plastic, minimum weight 300gm+ 10gm
21	Plastic tilt measure 1 ml for alcohol with rubber Cork & with plastic bottle of 250 ml.
22	Plastic tilt measure 10 ml for acid with rubber cork & with plastic bottle of 500 ml
23	Test Tube Stand for 12 tubes of size 18 X 150 mm, aluminium
24	Nylon Brush for cleaning Butyrometers, full length Bristles
25	Nylon Brush for cleaning pipettes, nylon length 4Inches, total length 12Inches
26	Nylon Brush for cleaning 50 ml milk sample bottles, nylon length 4", with tail & thick steel wire
27	Plastic measuring jug for acid dilution ,1Litre
28	Heater
29	Acid (20 kg), Alcohol (2 litres) and Plastic Jars (10 litres and 2 litres capacity)
30	Electric Gerber 24 Test
31	Thermometer (Alcohol), 0 to 100°C, yellow back, accuracy 100%
32	Test tubes 18X150 mm
33	Glass Beakers ,100 ml
34	Glass Beakers, 500 ml
35	Porcelain dish ,3 Inch
36	Spirit lamp, Stainless Steel ,100 ml.
37	Tray for reagents, Size 16x12 Inches, made from Food grade plastic
38	Plastic Table - Nilkamal Made, DIM-1150Lx740Wx725H
39	Plastic Chair - Nilkamal Made, DIM- 290Lx565Wx790H
40	Plastic Stool - Nilkamal Made, DIM- 290Lx290Wx470H

*Signature of tenderer*

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

