

महाप्रबन्धक,  
दिल्ली दुग्ध योजना,  
पश्चिमी पटेल नगर,  
नई दिल्ली-110008 को लौटा दें।

निविदा संख्या AE-11011/1/2024-PD&CC-(Part (2)) (E-30421)

वापिस लौटाने की तारीख 31.01.2025  
प्रस्थापना किस तारीख तक खुली रहेगी 31.07.2025  
संलग्न अनुसूची के अनुसार प्रयोजन हेतु निविदा।

भारत के राष्ट्रपति द्वारा  
महाप्रबन्धक,  
दिल्ली दुग्ध योजना,  
पश्चिमी पटेल नगर,  
नई दिल्ली-110008.

## TENDER ACCEPTANCE LETTER

प्रिय महोदय,

मैं/हम, एतद्वारा, यहाँ प्रथम अनुसूची में विनिर्दिष्ट कार्य/माल (या उसका वह भाग जो आप अपनी स्वीकृति द्वारा सुनिश्चित करें।) के परिदान उन कीमतों पर जो मैंने / हमने उक्त अनुसूची में कोट की हैं और उक्त अनुसूची में बताए गए समय तक उसका परिदान करने के लिए और प्रथम अनुसूची में वर्णित विशेष शर्तों और उसकी दूसरी अनुसूची में वर्णित "निविदाकारों के लिए अनुदेश" "और संविदा की साधारण शर्तों" के अधीन रहते हुए निविदा करता हूँ/करते हैं। मैं/हम यह करार भी करता हूँ/करते हैं कि मैं/हम इस निविदा को ऊपर बताए गए दिनों तक आपकी स्वीकृति के लिए खुला रखूंगा/रखेंगे।

मैंने / हमने निविदाकारों के लिए दिए अनुदेशों को पूरी तरह से समझ लिया है और इसकी अनुसूची में दी गई अपेक्षाओं की पूरी तरह जांच कर ली है और मैं/हम किए जाने वाले कार्य की प्रकृति से पूरी तरह अवगत हूँ/हैं और मेरी/हमारी फर्म इस निविदा प्रारूप की अपेक्षाओं के यथावत अनुसार ही काम करेगी।

निहित अग्रिम धन \_\_\_\_\_ रूपए का माँगदेय ड्राफ्ट/भुगतान आदेश/ बैंक चैक/बैंक गारंटी संख्या \_\_\_\_\_ दिनांक \_\_\_\_\_ के रूप में संलग्न है।

भवदीय,

निविदाकार के हस्ताक्षर  
(नाम स्पष्ट अक्षरों में)

दिनांक \_\_\_\_\_

पूरा पता \_\_\_\_\_

साक्षी का नाम \_\_\_\_\_

\_\_\_\_\_

हस्ताक्षर \_\_\_\_\_

\_\_\_\_\_

पूरा पता \_\_\_\_\_

दूरभाष संख्या \_\_\_\_\_



**E-Tender No. AE-11011/1/2024-PD&CC-(Part (2)) (E- 30421)**

Government of India,  
Delhi Milk Scheme,  
West Patel Nagar, New Delhi-110008.  
E-mail address: raman@dms.nic.in

**NOTICE INVITING E-TENDER FOR SALE**

For &on Behalf of the President of India, General Manager, Delhi Milk Scheme, West Patel Nagar, New Delhi-110008 invites e-Tender for Sale and Disposal of 24.9 MT Fat through its inventories of expired semi-finished White Butter and semi-finished Ghee on 'As is where is basis'. E-Tender forms containing detailed terms & conditions can be downloaded from Central Public Procurement – Portal website i.e. <http://eprocure.gov.in/eprocure/app> from **17.01.2025 to 31.01.2025**. Online Tender documents must be accompanied with the scan copy of appropriate EMD in proportionate to the quantity as prescribed in Tender documents in favour of General Manager, Delhi Milk Scheme payable at Delhi. Pay Order/Bank Draft of EMD may be submitted to this office well before opening of Tender. Duly filled in 'e'-Tender/online offers **shall be accepted up to 2.30 pm on 31.01.2025 and will be opened on 01.02.2025 at 2.30 PM**. Manual Tender shall not be accepted. You may also visit DAHD website i.e. [www.dahd.nic.in](http://www.dahd.nic.in).

(Chinmoyjit Sen)  
General Manager  
Delhi Milk Scheme

**E-Tender- No. AE-11011/1/2024-PD&CC-(Part (2)) (E- 30421)**

Government of India, Delhi Milk Scheme,

West Patel Nagar, New Delhi-110008.

E-mail address :raman@dms.nic.in

**Introduction:** Delhi Milk Scheme (DMS) is a subordinate office under Department of Animal Husbandry, Dairying & Fisheries, Ministry of Agriculture, Government of India and intends to sell / dispose off expired semi-finished White Butter and semi-finished Ghee, on Kg fat basis, for non-edible and non-human consumption purposes such as Pooja Ghee and/or for Soap manufacturing etc. Therefore, DMS invites e-Tender through procurement mode on CPP-Portal i.e. eprocure.gov.in/procure/app for Sale & Disposal of expired semi-finished White Butter and semi-finished Ghee on “As is where basis is”. Description of Job, material, quantity, pack size, expiry month, Lot size, amount of EMD and Terms & Conditions are appended below :-

**Description of Job and material:** The detail of inventories is mentioned below:

S.No.	Description	Inventory Quantity (Approx.)	Kg Fat (Approx.)	Location	Month of expiry
(1)	(2)	(3)	(4)	(5)	(6)
1.	Semi-finished White Butter	8,656 Kgs	7250 Kgs	Central dairy	August-2024
2.	Semi-finished Ghee	17,673Kgs	17673 Kgs	Central dairy	August-2024
<b>Total</b>		<b>26,329 Kgs (26.3 MT)</b>	<b>24923 Kgs. (24.9 MT)</b>		

Note: The bidders / buyers are required to offer their rates in financial bid for per kg Fat basis as per column (4) of above mentioned table. The above quantity is approximate quantity and same may be varied at the time of actual dispose-off. The above expired quantity of semi-finished White butter and semi-finished Ghee lifted shall be considered for disposal for non-edible and non-human consumption purposes such as Pooja Ghee and/or for Soap manufacturing etc.

**General Terms & Conditions of Sale of semi-finished White Butter and semi-finished Ghee:**

1. **Earnest Money Deposit:** Bidders /Buyers are required to deposit the EMD alongwith tender as Rs.3000/- per MT. The EMD shall vary as the total quantity of Fat (in MTs) offered for purchase by the bidder. The offer / Tender without EMD shall not be accepted.

2. **Minimum quantity required for bidding:** Bidders / Buyers are allowed to offer rates for minimum 2 MT quantity of Fat for purchase through the available inventories i.e. expired semi-finished White Butter and semi-finished Ghee on ‘As is where is basis’ and they are required to deposit EMD of Rs. 6,000/- for this quantity. The EMD shall be increased proportionately for the quantity offered more than 2 MT. Bidders / Buyers are allowed to offer for any quantity over and above the minimum quantity of 2 MT of Fat. Therefore the short listed Highest responsive bidder (H-1) has to purchase minimum quantity of 2 MT of Fat or more as per their offer. The remaining quantity, if any, shall be offered to next higher bidders @ H-1 price.

3. **‘As-is-where-is’ Basis:** Notwithstanding anything contained in the e-auction or advertisement issued on the description and particulars of material for sale, the sale is on an ‘As-is-where-is’ Basis only, and the principle of caveat emptor (let the buyer be aware) will apply. ‘As-is-where-is’ means that the description / quality / Quantity indicated is approximate, and the seller does not give any assurance or guarantee that the material will strictly adhere to the details given in the advertisement or e-auction. All items shall be taken delivery of from the site by the successful bidders, with its faults and errors in description, if any. Neither can the sale be invalidated, nor can the bidder make any claim/compensation, whatsoever, on account of any defect in description or deficiency in the quantity and quality. No plea of misunderstanding or ignorance of conditions put forth after confirmation of sale shall be accepted.

In view of the 'as is where is' condition, bidder are advised to quote rates only after inspection of items at the site. The bidder or his authorised representative may inspect the materials.

4. **Variation in Available Quantity:** At the time of delivery, the actual quantity may vary from the quantity mentioned in the delivery order. In case of excess available material, the seller reserves the right to retain material more than quantity in the lot at its discretion. The purser may be allowed to lift the additional quantity after making the requisite additional payment to the seller. If the quantity in a lot on actual weighing or count is less than the announced quantity, the seller will not make good the deficiency under any circumstances. The purchaser thereof will be entitled to obtain a refund for the undelivered quantity at the quoted rate. No interest will be paid on the amount of short delivered quantity.

5. **Inspection / sampling / testing by Bidders / Buyers :** In view of above 'As is where is' condition of the Tender, bidders are advised to quote rates only after inspection of items at the site. The bidder or his authorized representative may inspect the materials between 11 A.M to 4 P.M. (excluding lunch hours) on any working day at the DMS Central Dairy. Bidders may visit the godown location (Central Dairy, DMS) for the quality check prior to participation in the eAuction. The prospective bidder may contact concerned officials Sh. M.K.V. Ramanna (9968261134)/Sh. M.L.Bairwa (9891606492) regarding any query of the inventory.

6. **Seller's Right to reject all Bids:** The seller reserve the right to accept/reject and cancel any bid, amend the quantity under any lot or withdraw any lot at any stage before or after acceptance of bid/issue of acceptance letter/sale order/deliver order/deposit of the full sale value by the bidder, without assigning any reason thereof and the value of such material, if paid for, shall be refundable. The seller shall not be responsible for damage/loss to bidders on account of such withdrawal at any stage from the sale.

7. **All risks to the Buyer:** The items shall remain in every aspect, at the risk of the buyer from the time of acceptance of his offer. The seller will not undertake any liability whatsoever for the safe custody, protection or preservation after the sale has been confirmed. Lots are put up for sale, subject to change by nature's wear and tear. No complaint regarding the quality or description of the material sold will be entertained once the bid has been accepted.

8. **Excise Duty and Taxes:** Any statutory variation in the rate of taxes / duties are to be borne by the purchaser. Tax rates indicated in the e-auction catalogue or Tender advertisement are only indicative and the actual Tax rates as applicable on the date shall be payable by the successful bidders directly to the seller at the time of taking delivery of materials.

### **SPECIAL TERMS & CONDITIONS OF THE SALE:**

1. **Rate:** Bidders are required to quote Rate on per Kg Fat basis only inclusive of GST (as applicable for Fat) obtained through the inventories mentioned in table i.e. expired semi-finished White Butter and semi-finished Ghee on 'As is where is basis 'at appropriate place in (.xls) of financial / price bid and price break-up may be given on your letter head in (.pdf) of financial / price bid. Taxes prevailing at the time of delivery shall be applicable which shall be born by buyers. Further, if any bidder / buyer quote / offer rates in technical bid, their bid will be rejected.

2. **Tender with EMD:** Party has to submit the required EMD along with tender offer in the shape of DD / Bank Draft / Pay Order drawn in favour of "**General Manager, Delhi Milk Scheme**". The tender offer not accompanied with requisite EMD will be summarily rejected. Further, the EMD shall be forfeited, if the tenderer unilaterally withdraws, amends / impairs or derogates from his offer in any respect within the period of validity of his offer.

### **3. Eligibility Criteria of the tender:**

(i) Participating bidders, who intend to utilise the above milk fat for utilizing as Pooja Ghee and/or branded Soap making, should have a valid license for Pooja Ghee and/or branded Soap making and same is to be submitted along with technical bid offer. However, local & unbranded soap manufacturer

does not require to possess and provide manufacturing license of soap making. Further, irrespective of type of utilization i.e., for puja ghee and/or branded Soap and/ or local & unbranded soap manufacturing, participating bidders shall require to provide a notarized affidavit regarding utilisation of above milk fat for non-edible and non- human consumption purposes as mentioned at para 4 (i) below of this tender.

(ii) Participating Institutes (like temples, Math and Gurudwara etc.) those who intend to purchase the above milk fat for their own utilisation in non-edible and non- human consumption purposes (like ghee for diya& ghee for Hawan etc.) need not submit the manufacturing license of Pooja Ghee and/or branded Soap making. However all such Institutes shall furnish a notarized affidavit regarding utilisation of above milk fat for non-edible and non- human consumption purposes as mentioned at para 4 (ii) below of this tender.

(iii) All participating bidders are required to enclose / upload the photocopy of EMD along with tender in their technical offer. Hard copy of EMD (with mention of bidder details) may be furnished to this office on or before closing date of Tender. Conditional Tender or Tender with condition shall not be accepted.

**4. The participating bidders of different category shall furnish the notarized affidavit in their technical bid alongwith tender offer against their categories mentioned below: -**

**(i) Affidavit to be submitted by puja ghee and/or branded Soap and/ or local & unbranded soap manufacturer:**

(a) I (name of the participating/winning bidder) declare that the expired Milk Fat (from semi-finished White Butter and Semi-Finished Ghee) shall be utilized by me (name of the participating/winning bidder) for non-edible purposes and / or for non-human food chain purposes. And, I (name of the participating/winning bidder) also declare that no portion of the above expired milk fat shall be utilised in edible purpose and/or in human food chain purposes in any form.

(b) I (name of the participating/winning bidder) declare that any violation in case is found at the end user stage from the above declaration, I (name of the winning bidder) shall be the sole responsible for such violation. In the event of any violation found in regulatory compliances (Food Safety) aspects, I (name of the winning bidder) shall be held responsible for levies and penalties, as applicable due to such violations.

-----~~(strike off the unrelated clause from below)~~-----

(c) I (name of the participating/winning bidder) declare that the expired quantity of milk fat shall be utilized by me (name of the participating/winning bidder) for non-edible and non-human consumption i.e. for manufacturing of Pooja Ghee and / or soap manufacturing.

(d) I (Name of the participating/winning bidder) declare that I, being packer /trader of Pooja Ghee will ensure that my packaging/ containers for Pooja Ghee shall be marked with symbol

(asper FSSAI requirements).

(e) I (name of the participating/winning bidder) declare that I am a manufacturer of Pooja Ghee and/or branded Soap manufacturing and having a valid license (bearing no:.....) for manufacturing of the same which is submitted alongwith technical bid offer.

(f) I (name of the participating/winning bidder) declare that I am a manufacturer of unbranded and/or manufacturing of local soap/detergents etc and do not have a license for the same. I declare that the purchased expired milk fat from DMS will be solely utilized for non-edible and non-human consumption purpose.

-----~~(strike off the unrelated clause from above)~~-----

**(ii) Affidavit to be submitted by Institutes (like temples, Math and Gurudwara etc.):**

(a) I (name of the participating/winning Institute) declare that we will utilize the purchased expired milk Fat from DMS for our own utilization for non-edible and non-human consumption purposes (like ghee for diya & ghee for Hawan etc.) and under no circumstances, any portion of the expired semi-finished White Butter and Semi-Finished Ghee shall be utilized by me (name of the winning Institute) for edible purposes and / or in human food chain in any form.

(b) I (name of the participating/winning Institute) declare that any violation in case is found at the end user stage from the above declaration, I (name of the participating/winning Institute) shall be the sole responsible for such violation. In the event of any violation found in regulatory compliances (Food Safety) aspects, I (name of the participating/winning Institute) shall be held responsible for levies and penalties, as applicable due to such violations.

5. It will be sole responsibility of winning bidder that no portion of the semi-finished white butter and semi-finished Ghee is utilized as human food chain in any form.

6. The white semi-finished butter and semi-finished Ghee shall be disposed-off by the selected bidders without any delay within the given time frame i.e. provided by the seller.

7. In respect of variants, the winning bidder shall be allowed to lift won quantity of the Kg Fat of the above stock of fat irrespective of variants namely semi-finished White Butter and Semi-finished Ghee means semi-finished White Butter will be lifted first and later the Semi-finished Ghee.

8. In case of failure of lifting of the entire material within the stipulated period, the seller may cancel the order without prejudices to its other remedies and can make any alternate arrangements for the same and the EMD amount blocked against the said trade may be forfeited.

9. **Quality of above mentioned inventory:** Copy of NDDDB situation analysis report (complete testing report) is attached at Annexure I of this tender.

10. All inventory will be provided by DMS to the winning bidder in loose and liquid form of the inventory, hence accordingly suitable mean/mode of transportation will be arranged by the winning bidder.

**11. Two Bid Systems:** Above E- tender are invited on two bid System basis. i.e. technical bid and financial bid.

(a) **Technical bid** : Technical bid consisting of all technical details, tender documents (i.e. Tender acceptance letter and Tender) duly signed by bidder & witness, copy of end-users/processors license for manufacturing of Pooja Ghee and/or branded Soap, Notarized Affidavit, GST Registration Certificate and necessary EMD (photocopy) may be enclosed. Tender document (i.e. Tender acceptance letter and Tender) not signed by bidder & witness shall not be considered/ accepted. Scan copy of above documents may be uploaded on CPP-Portal i.e. [eprocure.gov.in/procure/app](http://eprocure.gov.in/procure/app).

(b) **Financial bid/Price bid:** Financial bid of only those party's shall be opened, who fulfil the technical eligibility criteria of the tender. Further, Bidders are required to quote Rate on per Kg Fat basis inclusive of GST (as applicable for Ghee / Fat) on 'As is where is basis' in price / financial bid in (.xls) at appropriate place and price break-up on their letter head may be uploaded in (.pdf) of financial bid on CPP-Portal i.e. [eprocure.gov.in/procure/app](http://eprocure.gov.in/procure/app). Further, if any bidder / buyer quote / offer rates in technical bid, there bid will be rejected.

**12. Site Visit / Inspection by Bidders:** As above tender / offer is for sale/ disposal on 'As is where is basis' therefore, bidders are advised to quote rates only after inspection of items at the site. Tenderers / Buyers may satisfy himself / themselves thoroughly about goods to be purchased before quoting rates. The bidder or his authorized representative may inspect the materials between 11. a.m. to 4 p.m.

(excluding lunch hours) on any working day at the DMS Godown. Further, may contact Sh. M.K.V. Ramanna (9968261134)/Sh. M.L.Bairwa (9891606492) regarding any query of the inventory.

**13. Security Deposit:** The successful tenderers / Purchasers shall have to submit a security deposit of 25% amount of sale value of the contract within 07 days of issue of tender acceptance letter / Sale order in form of Bank Draft / Pay Order drawn in favour of General Manager, Delhi Milk Scheme. No interest will be given on EMD / Security Deposit. Further, if bidders / purchasers fail to deposit the security amount within stipulated period, their EMD will be forfeited.

**14. Balance Sale Value (BSV):** EMD submitted along with tender and Security Deposit will be treated as part payment of sale value of the material. Further, the successful Bidders / Purchasers shall have to deposit the Balance Sale Value (BSV) within 15 days from the date of the issue of tender acceptance letter/ Sale order. The Charges @1% per week or part thereof up to two week only shall be imposed on the Balance Sale Value (BSV) if it is delayed beyond the specified date. If the said balance sale value is not deposited within two weeks of delay period, the security amount including the EMD amount treated as part payment will be forfeited without any further notice. Further, after receipt of entire Balance Sale Value (BSV), the formal Job order / delivery order shall be issued.

**15. Period of Contract:** The successful Bidders Purchasers shall have to lift the entire material on “As is where is basis” within 15 days from the date of issue of the Job order / Delivery order. Period of contract is the essence of the contract which must be adhered to. Further, if the purchasers fails to lift the material within stipulated period, the Liquidated Damages Charges / Ground Rent @ 0.5% of the contract value on the remaining quantity per day and a portion thereof shall be imposed and party will be liable to pay the same over and above the value of the material. However in some genuine case the levy of ground rent may be waived.

**16. All Expenses at Risk & Cost of the Buyers:** As the sale / disposal of material is on ‘As is where is basis’, therefore all the expenses like transportation, loading and unloading, engagement of labours for the job shall be at risk and cost of the Bidders / Buyers. DMS will not be responsible for any such activity.

**18. Clarification / Negotiations :** Delhi Milk Scheme reserves the right to call upon the tenderer (s) through negotiations or otherwise about any of the points in the tender requiring clarifications / modifications and the tenderer (s) shall be responsible to attend to the same within the time and dates specified. Any clarifications / modifications made to the tenders at the time of negotiations shall be deemed to be part of the tender for enforcing the provisions in this tender. General Manager, Delhi Milk Scheme may accept or reject such alternations/modifications of the tenderers as he deems fit and shall not be bound to give any reasons thereof for the same. If any of the tenderer (s) who were requested to offer clarifications/attend negotiations did not do so with the time specified for the purpose, Delhi Milk Scheme is not bound to give such tenderers any further opportunity and shall be free to consider such tenders on its original along with those of others.

**19. Statutory Requirement:** The bidders / Purchasers are required to abide by all statutory requirements as per Law applicable during the contract period.

**20. Modification:** In case of any hardship/operational problems faced by either party (i.e. buyer or DMS). General Manager, DMS has the right to add/modify any conditions of the tender in the public interest by recording reasons to this effect.

**21. Short Close of Contract:** The said contract can be short closed/cancelled at any time without assigning any reason at the sole discretion of General Manger, Delhi Milk Scheme.

**22. Online Tender :** Manual tender shall not be accepted. Only online tenders are allowed. Online tender shall be accepted on CPP-Portal i.e. eprocure.gov.in/procure/app. You may visit DAHD website i.e. dahd.nic.in for further details.

**23. Validity of Tender :** Your Tender offer should be valid for a period of 90 days from the closing date of tender.

24. **Jurisdiction** : All disputes arising out of or touching on the contract shall be subjected to the jurisdiction of the court of Union Territory of Delhi only.

25. **Instruction for bidders for filling/bidding E-Tender:**

- a. As this is e-tender, all bidders are requested to obtain Digital Signature Certificate (DSC) for bidding the above tender.
- b. All bidders/tenderer should sign & witness the tender document (i.e. Tender Acceptance letter and Tender) at appropriate place. Tender document not signed by bidder & witness shall not be considered/ accepted.
- c. **Technical Bid** : Scan copy of duly signed and witnessed tender documents (i.e. Tender acceptance letter and Tender) duly signed by bidder & witness, copy of end-users/processors license for manufacturing of Pooja Ghee and/or Soap, Notarized Affidavit, GST Registration Certificate and necessary EMD (photocopy) etc. in (.pdf) file may be uploaded on CPP-Portal i.e. eprocure.gov.in/procure/app.
- d. **Financial Bid** : Rate may be filled on per Kg Fat basis (inclusive of GST) in (.xls) of price / financial bid against offered quantity at appropriate place and price break-up may be given / uploaded on your letter head in (.pdf) of financial / price bid on CPP-Portal i.e. eprocure.gov.in/procure/app.

I/we hereby append my/our signatures in verification of our rate offer for per kg Fat basis and in full acceptance of all Terms & Conditions stipulated in this Tender.

(Signatures of Witness )	(Signatures of bidder/tenderer)
Name _____	Name _____
Address _____	Address _____
_____	_____
Date _____	Date _____
Tel / Mob : _____	Tel / Mob : _____
E-mail _____	E-mail _____



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**Report on  
Situation Analysis of Semi-finished Loose Ghee, Packed Ghee and White  
Butter of DMS  
20 September, 2024**

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NDDB had received a request from Joint Commissioner (DD), DAHD to conduct a situation analysis with regard to semi-finished loose ghee, packed ghee and white butter of Delhi Milk Scheme (DMS) stored at Central Dairy-DMS, West Patel Nagar-New Delhi. In line with the above request, a team comprising Shri Manoj Rajput, Sr. Manager (QA), Dr Pankaj Sherasia, Sr. Manager (PE-AN) and Shri Naveenkumara AC, Manager (QA) visited Central Dairy-DMS on 20<sup>th</sup> September, 2024.

During the visit, discussion was held with Shri Chinmoyjit Sen, GM-DMS. GM informed that about 26.93T of unutilized Ghee and Butter is stored in Central Dairy. He also informed that the products were manufactured/packed in the month of Sep/Oct 2023.

Shri ML Birwa, Section Manager-Production and Shri Chetan Prakash, Sr. Lab Analyst from DMS were also present during the inspection and sampling.

**Product Details**

- Inspection of Ghee and Butter stocks was carried out along with DMS officers. The product details are as under:

<b>SN</b>	<b>Product Details</b>	<b>Month of Manufacture</b>	<b>Quantity (Kg)*</b>	<b>Storage Condition</b>
<b>Ghee</b>				
1	Ghee Settling Tank	Oct-2023	1100	Ambient
2	Ghee Storage Tank-1	Oct-2023	2000	Ambient
3	Ghee Storage Tank-2	Oct-2023	2100	Ambient
4	Ghee in Milk Cans (26 cans)	Oct-2023	719	9-10°C
5	Ghee – 1 Liter Pouches	7-9.10.2023	4194	Deepfreeze Ante room (<5°C)
6	Ghee – 1 Liter Pouches	9-12.10.2023	7560	9-10°C
<b>Butter</b>				
1	White Butter (Stored in Crates-25Kg)	Oct-2023	6550	-11°C
2	Unpacked Butter (Retail white butter 500g- blocks stored in 20 kg lots in crates)	Sep/Oct 2023	2106	-11°C
*Details provide by DMS				

## **Product Storage**

- **Ghee**

- 5200 kg ghee in the settling/storage tanks was stored at ambient temperature. The ghee had rancid / off flavor. The ghee may be analyzed for peroxide value in addition to FSSR requirements. The ghee was partly solidified.
- 719 kg ghee in milk cans was stored in cold room at a temperature between 9-10°C. The ghee was solidified.
- 11754 kg ghee pre-packed in 1liter pouches was stored in cold room at a temperature between 5-10°C. The packed ghee was stored/stacked based on date of packaging (7-12 October 2023) and had declared best before as '10 months from date of manufacture when stored at or below 9°C'. The ghee was solidified.
- Some images indicating storage conditions of ghee are provided in *Annexure-1*.

- **Butter**

- 6550 kg white butter (25kg blocks wrapped in polyfilm) was stored in crates in deepfreeze at -11°C.
- 2106 kg unpacked retail white butter (500g) wrapped in milk poly-film was stored in crates (20kg in each crates) in deepfreeze at -11°C.
- The product is not in standard packaging and in contact with the crates. It was observed that the crates were stored along the wall leaving no space between product stack and wall in deepfreeze.
- There was no visual mold growth /infestation observed on butter surface.
- Some images indicating storage conditions of butter are provided in *Annexure-1*.

## **Sample Collection**

- **Ghee**

- **Ghee in the settling/storage tank and milk cans:**

A homogenous mixture of the product was made by mixing with the help of plunger. A representative sample was drawn from each tank separately. For the ghee in milk cans, a composite sample was drawn. The details of the samples drawn are provided in the table below.

Name of the tank	Sample Code
Ghee Settling Tank	G1
Ghee Storage Tank-1	G2
Ghee Storage Tank-2	G3
Ghee Stored in Milk-Cans (26 nos.)	G11

– **Ghee packed in 1 Liter pouches:**

Random samples were collected based on the date of packaging and the number of units in the lot. Composite sample was prepared for each lot by proper mixing equal proportion from the random samples. The details of the samples are provided in the table below.

Date of packing	Storage Location	No of Units packed	No of Units selected for Sampling	Final Sample	Sample Code
07.10.2023	Deepfreeze Ante room (<5°C)	200	05	01	G4
08.10.2023		2720	10	01	G5
09.10.2023		1680	10	01	G6
09.10.2023	Cold room 9-10°C	600	07	01	G7
10.10.2023		2400	10	01	G8
11.10.2023		2400	10	01	G9
12.10.2023		3000	10	01	G10

• **Butter**

– **White Butter (Stored in Crates-25kg):**

Random samples were collected based on the date of manufacture and the number of crates packed on the day. A representative sample of 500g was drawn from each crate. The composite sample was prepared from the random samples by proper mixing of the product. The sample details are provided in the table below.

Date of packing	Storage location	No of crates	Qty in Kg	No of crates selected for Sampling	Final Sample		
					Chemical	Microbial*	Code
14.10.2023	Deepfreeze (-11°C)	105	2625	05	01	01	B1
17.10.2023		78	1950	04	01	01	B2
18.10.2023		79	1975	04	01	01	B3

\* Sample for microbial analysis is exclusively marked on the label (eg: B1 Micro).

– **Unpacked Butter (Retail white butter 500g blocks):**

Random samples were drawn based on the date of manufacture and the number of units in the lot. Composite sample was prepared for each lot by proper mixing equal proportion (Appr. 250g) from the random samples. The details of the samples are provided in the table below.

Date of packing	Storage location	No of units	Qty in Kg	No of units selected for Sampling	Final Sample		
					Chemical	Microbial*	Code
17.09.2023	Deepfreeze (-11°C)	1492	746	04	01	01	B4
23.09.2023		1440	720	04	01	01	B5
03.10.2023		1280	640	04	01	01	B6

\*Sample for microbial analysis exclusively marked on the label (eg: B4 Micro).

- All necessary sampling requirements, including hygiene requirements for microbiological samples were followed while drawing the samples. The opened packets were properly re-sealed.
- Total 17 (Ghee-11nos. and Butter-6 nos.) composite samples were collected and submitted to NDDB CALF Ltd for further testing.

**Storage Conditions**

**Ghee**



**Ghee Settling Tank**



**Ghee Storage Tanks**



**Ghee Stored in Cans**



**Ghee Stored in 1 Litre Pack**



**Ghee Mixing for Sample collection**



**Ghee in Tanks (Before mixing)**



**Homogenous Ghee (after mixing)**



**Sampling from Ghee from Cans**



**Butter**



**Butter Stored in deepfreeze**



**Butter Stored in deepfreeze**



**Product in Contact with Crates**



**Butter wrapped in Poly-film**



**White Butter (25 Kg in crates)**



**White Butter - Retail (500g)**



**Butter Storage - deepfreeze**



**Temperature Indicator (deepfreeze)**

Status of compliance of Ghee samples of DMS, Delhi with reference to FSSAI/BIS requirements															
Sample Code	Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011, Sixth Amendment, 2021														BIS (IS 16326: Ghee-Specification)
	Moisture	Milk Fat	Butyro-refractometer Reading at 40°C	Reichert Meissl Value	Polenske Value	FFA as Oleic Acid	Baudouin Test	Iodine Value	Saponification value	Presence of $\beta$ sitosterol	Fatty acid composition	Heavy Metal	Pesticides Residues	Melamine	Peroxide Value
G1	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G2	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G3	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G4	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G5	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G6	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G7	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G8	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G9	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G10	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC
G11	C	C	C	C	C	C	C	C	C	NC	C	C	C	C	NC

Note:

C - Complying

NC: Non-complying

All ghee samples are non-complying to  $\beta$ -sitosterol and peroxide value

<b>Status of compliance of Butter samples of DMS, Delhi with reference to FSSAI requirement</b>													
Sample Code	Food Safety and Standards (Food Products Standards and Food Additives) Regulations, 2011, Thirteenth Amendment, 2017										Additional*		
	Moisture	Milk Fat	MSNF	Common Salt	Butyro-refractometer Reading at 40°C	Reichert Meissl Value	Heavy Metals	Pesticides Residues	Melamine	Microbiological Requirement	Fatty acid as per ghee specifications		
										Process Hygiene Criteria	Food Safety Criteria		
B1	C	C	C	C	C	C	C	C	C	C	NC	C	C
B2	C	C	C	C	C	C	C	C	C	C	NC	C	C
B3	C	C	C	C	C	C	C	C	C	C	NC	C	C
B4	C	C	C	C	C	C	C	C	C	C	NC	C	C
B5	C	C	C	C	C	C	C	C	C	C	NC	C	C
B6	C	C	C	C	C	C	C	C	C	C	NC	C	C

\* As per draft regulation notified by FSSAI on 3 October 2024.

**Note:**

**C - Complying**

**NC : Non Complying**

All butter samples are non-complying to Process Hygiene Criteria, specifically Aerobic Plate Count and Yeast and Mold Count