

Bundelkhand Sahakari Dugdh Sangh Maryadit

Sagar Dairy Plant, Narsingpur Road, Sironja, Sagar (M.P.)

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Web. www.sanchisagar.com

NOTICE INVITING e-TENDER FOR CONVERSION OF SURPLUS MILK INTO SMP AND WHITE BUTTER

Ref . No:76 /PO/BKDS/SAGAR/2023

Date: 27.07.2023

Online tenders are invited by Bundelkhand Sahakari Dugdh Sangh, Sagar milk union for conversion of available surplus skim/whole milk into Skimmed Milk Powder and pasteurized White Butter on work-charge basis. Dairy Plants having adequate milk conversion facilities & additional capacity may submit their rate offer on-line at <https://www.mptenders.gov.in> with complete technical details including existing product manufacture facilities, rates etc., thus strictly adhering to the details prescribed in the tender document.

The cost of tender documents is Rs.1000/- (Rupees One Thousand Only).

The tender document can be obtained from the site of M.P e-procurement <https://www.mptenders.gov.in> on remitting online payment. The details relating to the tender can also be referred at MPCDF website www.sanchidairy.com

Key Information

Last date and time of tender form purchase online	Last date and time of tender bid submission online	Date and time of opening technical bid	Date and time of opening financial bid	EMD required
17.08.2023 2:00 PM	17.08.2023 4:00 PM	18.08.2023 4:00 PM	19.08.2023 4:00 PM	5,00,000/- (Five Lakh Only)

Chief Executive Officer

Bundelkhand Sahakari Dugdh Sangh Maryadit, Sagar

Sagar Dairy Plant, Narsingpur Road, Sironja, Sagar (M.P.)

e-Tender for	Converting surplus skim/whole milk into powder/white butter on work-charge basis
Reference No.	76/PO/BKDS/SAGAR/2023 Date:27.07.2023
<i>Cost of Tender Form</i>	<i>Rs. 1,000 (Rupees one thousand only)</i>
Schedule I	General terms & conditions
Schedule II	Item manufacturing specifications
Schedule III	Technical details
Schedule IV	Rate submission format
Last date of tender purchase Online	17.08.2023 2:00 PM
Last date of tender bid submission Online	17.08.2023 4:00 PM
Date & Time for opening Technical Bid	18.08.2023 4:00 PM
(i)Price bid online (mandatory)	(i) Online at www.mptenders.gov.in
(ii)Technical details bid online	(ii) Online at www.mptenders.gov.in
EMD	Rs. 5,00,000-00 to be submitted only online scanned photo copy
Technical Bid	Technical documents to be submitted online only
Financial Bid	Will be open after Evaluation of technical bid
Address for communication	CEO Bundelkhand Sahakari Dugdh Sangh Maryadit, Sagar Sagar Dairy Plant, Narsingpur Road, Sironja, Sagar (M.P.)

Bundelkhand Sahakari Dugdh Sangh Maryadit, Sagar

SCHEDULE – I

The Bundelkhand Sahakari Dugdh Sangh Maryadit, Sagar invites online tenders (e-tenders) from bonafide manufacturers / association of such manufacturers and their authorized representatives for conversion of surplus milk of cooperative milk union located at Sagar into Skimmed Milk Powder (SMP) and pasteurized White Butter (WB) on work-charge basis, as per detailed specifications given in the Schedule II of the offer.

The CEO, BkSDS, Sagar reserves the right to accept or reject any or all the offers which in their opinion justify such actions without any explanation to the parties thereof.

1.0 OFFER SUBMISSION :

- 1.1 The offers should be submitted online, within the prescribed time & date.
- 1.2 The tenderer will ensure to submit the tender technical bid papers online only with filling schedule iii form with copy of mandatory required papers.
- 1.3 The rates should be quoted in prescribed format in e-tender through online only.
- 1.4 The party should clearly mention in the offer their address, fax/e-mail/ telephone nos. Any change in the address should immediately be notified to the office of BkSDS, Sagar.
- 1.5 Individuals submitting the offer and other related documents must specify whether he has submitted as in the capacity of
 - a) the sole proprietor of the firm or constituted attorney of such proprietor.
 - b) a partner of the firm, if it is partnership firm, attach partnership deed and Power of Attorney.
- 1.6 The parties those who are Black listed from any firm will not be entitled to participate attach declaration on self-letter head.

2.0	EARNEST MONEY DEPOSIT (EMD):
2.1	The party shall be required to deposit EMD of Rs. 5.0 lakhs (Rs. Five lakhs only) along with the tender submission. The tender shall not be accepted without a valid EMD.
2.2	EMD should be paid online in favor of Bundelkhand Sahakari Dugdh Sangh Maryadit, Sagar
2.3	EMD of successful tenderer will be converted into Security Deposit (SD) and shall be retained till the completion of the tender validity period. No interest will be paid on this security deposit by BkSDS, Sagar.
2.4	EMD of rejected parties gets refunded from pool account of MP TENDERS with no interest.

3.0 PRICES:

- 3.1 The rates offered shall be valid for a period of 01 year from the date of work order. Period may be extended for six months from the date of rate approval depending on requirement or as the case be.
- 3.2 The offered price should be firm, clear and free from any escalations during the validity period.
- 3.3 (i) The tenderer should quote rates for **conversion charges** as per Schedule IV format.

(ii) The lowest rate so finalized will be calculated on the difference will be recovered from successful bidder inclusive of transportation charges of milk from the nearest point of supply and transportation charges of SMP and pasteurized WB up to Sagar dairy plant storage place.

(iii) The milk will be supplied from the following points of dugdh sangh based on availability of surplus milk.

BkSDS	Place
Bundelkhand	I. Main Dairy Plant Sagar
	II. Tikamgarh Chilling Center
	III. Jatara Chilling Centre

(iv) Currently the approved milk transportation rate is i.e. from the respective milk Union in Rs per KM for tankers and Butter van and SMP carrying van etc will be added with the per Kg conversion charge of SMP and white butter to determine L1.

(v) The total expenses per kg milk conversion cost calculation will be inclusive of per kg transportation of milk + Conversion Cost per kg of milk +Lifting cost of finished product.

3.4 Rates should be quoted strictly adhering to specifications of SMP and WB and recovery norms of Fat and SNF as given in Schedule –II and quoted rates should be inclusive of all taxes and duties, if any.

4.0 INSURANCE :

4.1 Necessary transit insurance shall be arranged by Bundelkhand sahakari dugdh sangh of supplying milk for conversion.

5.0 PAYMENT :

5.1 The successful tenderer will be required to raise bills towards conversion charges to Bundelkhand dugdh sangh on fortnightly basis, payment of which will be made within 15 days of their receipt.

5.2 Payment shall be made by Bundelkhand dugdh sangh through RTGS/NEFT. Bank charges towards the above shall be borne by the party itself.

6.0 GENERAL TERMS & CONDITIONS :

6.1 The acceptance of the offer and award of the work order shall be the sole right of the Chief Executive Officer, BkSDS who does not bind herself to accept any offer in whole or in part or reject any or all offers received without assigning any reasons and no explanation can be demanded of the cause of rejection of the offer by any of the tenderer. Financial Bid will be open only whose bidder Technical bid found ok.

6.2 Negligence on the part of the tenderer in submission of the offer confers no right to withdraw the offer after it has been opened. If the successful tenderer fails to accept milk and fails to make WMP/SMP/WB within the stipulated period mentioned in work order without any valid reason, then the order shall be treated as cancelled and EMD/SD/bills lying with BkSDS, Sagar would be forfeited and the firm may even be blacklisted, if situation warranty. In such case work may be allotted to L2 party in L1 rates (if rates L2 is higher than difference will be recovered from successful bidder.)

6.3 The submission of a tender by a party implies that the firm has read the notice and terms & conditions of tender and has himself fully aware of the scope and specifications of the work to be carried out.

- 6.4 Surplus quantity of the milk from the Bundelkhand Sahakari Dugdh Sangh, Sagar will be send to private party for conversion only when, the existing powder plant capacity of Gwalior and Indore Milk Unions are exhausted or in case of breakdown of existing allocated powder plant. The quantity for milk to be converted depends on the surplus volume of milk available for conversion only. No claim will be accepted in any case due to variation in the quantity of milk to be converted into SMP & WB.
- 6.5 The bidder must have minimum 100000 ltr. milk per day spare capacity for conversion. Milk union may provide milk 50000 LPD to 1 lack LPD depend often the surplus milk.
- 6.6 No person or firm is permitted to submit more than one offer under different names.
- 6.7 The firm shall not contract or assign (sublet) to any other party or parties the whole or any portions of the offer awarded by full form fixed and firmed.
- 6.8 Conversion plants will ensure hygienic and sanitary condition for storage of SMP and WB on plastic planks/pallets in clean and dry place away from sunlight. The place should be free from dust and pest/rodent environment. The deep freeze to be used for storage of WB should essentially fumigated prior to it's use.
- 6.9 Converted products SMP and WB will be lifted by Bundelkhand Sahakari Dugdh Sangh, Sagar in 30 days time from the conversion date. The extension of this period can be modified with mutual consent Bundelkhand Sahakari Dugdh Sangh, Sagar and conversion dairy plant.
- 6.10 The converter should offer the quantity to be converted by them on the daily basis to concern dairy plant.
- 6.11 In generally Bundelkhand dugdh sangh will send skimmed milk for conversion. In case of emergency whole milk may be send for SMP & WB conversion.

7.0 QUALITY CHECKS/PARAMETERS:

- 7.1 The successful tenderer shall have to carry out job in strict hygienic & sanitary environment conforming to the basic standards laid down under Food Safety & Standards Act 2006 and other rules and regulations prevalent. Violation of any clause of different Acts shall be the sole responsibility of the successful tenderer. The FSSAI license for WB and SMP is mandatory for all the bidders.
- 7.2 SMP shall have to be manufactured BIS marked and WB as per specifications and recovery norms of Fat and SNF as given in Schedule II of the tender document.
- 7.3 WB manufactured shall be stored in such a way that it should attain a temperature of -18°C. within 10 days from the date of manufacture. At the time of dispatch the body temperature of WB should be -18°C. For every 1°C increase in the temperature of WB will be penalized with Rs.0.05, per Kg.
- 7.4 The successful tenderer shall ensure the availability of all manufacturing and testing facilities at the factory premises and maintain them properly including their calibration and stamping at regular interval to ensure precision testing. Milk is to be tested using a long stem Lactometer at 27°C and formula to be followed for SNF% calculation shall as below :

(i) In whole milk

$$\text{SNF}\% = \frac{\text{CLR}}{4} + \text{Fat}\% \times 0.25 + 0.44$$

(ii) In skim milk

$$\text{SNF}\% = \frac{\text{CLR}}{4} + \text{Fat}\% \times 0.25 + 0.60$$

- 7.5 SMP be packed in quantities of 25 kg primarily in bags of food grade polyethylene (see IS 10171) of minimum thickness 0.05 mm. The bags should be properly closed by tying with a string or a rubber band and shall be subsequently encased in secondary outer packing in any of the following:
- a) Sacks conforming to IS 11824 and
 - b) Multi walled Kraft paper, such as crepe Kraft paper bags of not less than 80 GSM grade lined with Hessian cloth having a mass of 270 GSM and having two inner layers of plain Kraft paper of not less than 80 GSM.
- Incase packing material is provided by Bundelkhand Sahakari Dugdh Sangh, Sagar no losses in packing material will be accepted.
- 7.6 White Butter be packed in 20 Kg with food grade unprinted PVC liner in corrugated boxes made of 5 ply, each ply should be of 150 GSM with the box bursting strength of minimum 12 kg/sq.cm.
- 7.7 If packaging material is not provided by Bundelkhand Sahakari Dugdh Sangh, Sagar the successful tenderer/conversion plant will have to arrange for packing material as per the given specification and printing materials after securing approval of Bundelkhand Sahakari Dugdh Sangh, Sagar.
- 7.8 It will be the responsibility of the approved conversion plant to ensure unloading of milk of Bundelkhand Sahakari Dugdh Sangh, Sagar immediately on receipt and testing of milk within 3 hours. In case of inordinate delay in unloading of tanker, Bundelkhand Sahakari Dugdh Sangh, Sagar may impose penalty in lieu of disruption in working schedule and associated direct or indirect losses. Also, dugdh sangh may get return are forward milk tanker to any other conversion plant and extra conversion cost may be recovered from successful bidder.
- 7.9 Conversion plants will ensure the maximum limit of moisture% in WMP & SMP is as per the given specifications. Any increase in moisture%, the Bundelkhand Sahakari Dugdh Sangh, Sagar will impose prorata deductions on less SNF in SMP, which will be calculated on the basis of Rs. 320/- per kg SNF+ Rs. 100/- per kg SMP as penalty.
- The conversion plant will ensure to supply white butter Fat as per the given recovery norms in case of short receipt of white butter Fat, the Bundelkhand Sahakari Dugdh Sangh, Sagar will impose prorata recovery for the less quantity Fat received, which will be calculated on the basis of existing milk purchase rate as per kg fat + Rs. 100/- per kg W/B as panalty.
- 7.10 It will be responsibility and liability of conversion milk plants to ensure that SMP and WB manufactured & supplied to Bundelkhand Sahakari Dugdh Sangh, Sagar is of the same milk received from corresponding milk union. Conversion plant should ensure appropriate coding of batch nos. of SMP and WB and should keep record of corresponding raw material, i.e. name of source, quantity and quality report so that back tracing of sources of ingredients i.e. raw material used in particular batch should be available at the plant.
- 7.11 The authorized representative of Bundelkhand Sahakari Dugdh Sangh, Sagar shall inspect the premises in regard to sanitation and hygienic practices, conditions, records regarding the quality of raw milk, quality and manufacture of White Butter and SMP, packaging materials, packaging practices etc as may be directed by the authority.
- 7.12 Random testing of SMP and White Butter produced will have to be carried out by the Bundelkhand Sahakari Dugdh Sangh, Sagar in NABL accredited Labs and these result

should comply with the BIS standards and the specifications mentioned in Schedule 2. Random inspection will be done by BkSDS, Sagar Officers at allotted dairy powder plant if they found any deviation with respect to tender terms condition committee may propose to debar/blacklist the conversion plant.

- 7.13 The quality of product (SMP/White Butter) which is manufactured by bidder will be fully responsible regarding FSSAI/for sale quality/up to use by date.

8.0 INSPECTIONS :

- 8.1 All the SMP/WB produced are subject to inspection before acceptance. If they are rejected on quality grounds, then the party will have to manufacture SMP/WB from own resources and supply equivalent quantity of SMP/WB as per standards **or** the landed cost of milk supplied will be recoverable from the successful tenderer. Bundelkhand Sahakari Dugdh Sangh, Sagar inspection report in this regard shall be treated as FINAL.
- 8.2 An inspection of the works and factory of the successful tenderer shall be performed by a team of Dugdh Sangh officers & experts to ensure all the parameters, machinery, plant, equipments and requirements as per FSSAI's GMP & GHP provisions. In case of any discrepancy or shortcomings the work order will be cancelled, the EMD will be for forfeited & the firm will be black-listed.

9.0 QUALITY & TESTING VARIATION

- 9.1 In case of variation in quality, Fat and SNF the tenderer have to intimate immediately to CEO of Bundelkhand Sahakari Dugdh Sangh, Sagar Such type of issues shall be resolved after only written consent/approvals mutually, in due course.
- 9.2 In failure of clause 9.1 by conversion plant, the testing and quality report of milk supplying union (BkDS) will be final and binding.

10.0 TERMINATION OF CONTRACT:

- 10.1 If any act of commission or omission of conversion plant brings the Bundelkhand Sahakari Dugdh Sangh, Sagar to a situation of dispute, the Bundelkhand Sahakari Dugdh Sangh, Sagar shall be competent to debar/blacklist the conversion plant from further business and Security Deposit also shall be forfeited.

11.0 CONSEQUENCES OF BREACH OF AGREEMENT :

- 11.1 If the authorized person of the conversion plant or a partner in the contract/tendering firm commit breach of any of the conditions of agreement it shall be lawful for the CEO of BkDS to cancel the contract and recommend for forfeiture of the Security Deposit lying with BkSDS, Sagar.

12.0 DISPUTE ARBITRATION & FINAL AUTHORITY :

- 12.1 For matters of dispute relating to the interpretation of the above clauses, the decision of the CEO, Bundelkhand Sahakari Dugdh Sangh, Sagar shall be final and binding on all concerned.
- 12.2 In any case, if a dispute arises between the material/service provider and the milk union, the case can be presented to the Managing Director. MPCDF for resolution. In case of non-resolution, action can be taken as per the provisions of the Arbitration Act, 1996.
- 12.3 Place of jurisdiction shall be Sagar only.

13.0 AGREEMENT :-

13.1 Successful bidder shall do an agreement with milk union is Rs 1,000/- non-judicial stamp paper. The draft of agreement shall be provided by milk union to successful bidder.

Chief Executive Officer

SCHEDULE – II

Specifications of Whole Milk Powder, Skimmed Milk Powder and White Butter

A. Skimmed Milk Powder

Particulars	SMP
(i) BIS Specification	IS:13334 (Part 1)
(ii) Moisture % by mass max	3.5%
(iii) Total solids (milk solids) % by mass min.	96.5%
(iv) Total solids (milk solids) % by mass min.	Less than 1.25%
(v) Protein % by mass (As per FSSAI norms)	Not Less than 34%
(vi) Insolubility Index Max	1.5 ml
(vii) Total Ash (on dry basis, percent by mass max	8.2
(viii) Titratable acidity (lactic acid), percent by mass max	1.5
(x) It should be free from any neutralizer/adulterant	
(xi) Bacterial count not more than per gm.	50,000
(xii) Coliform count in 0.1 gm	Nil
(xiii) Shelf life	12 months

B) Pasteurized White Butter

- (i) Fat percent between 82% to 85%.
- (ii) Yeast and mould counts not more than 20 per gm.
- (iii) Titratable acidity 0.04% LA. max.
- (iv) Coliform not more than 5 per gm.
- (v) FFA not more than 0.3%
- (vi) BR reading at 40°C: 40-43
- (vii) RM value minimum – 28
- (viii) Beta- Sitosterol - Absent

The method of sampling and testing for butter shall be carried out as per the IS 3507 (1966).

**D) Fat and SNF recovery norms:
For Skim Milk Powder**

From Whole Milk		From Skimmed Milk
Fat Recovery	SNF Recovery	SNF Recovery
99% Milk Fat to Fat in WB.	SMP of 101.7% with 3.5% Moisture SNF to SMP	SMP of 101.7% with 3.5% Moisture SNF to SMP

Note: The product shall also conform to any other requirements under the BIS & (FSSAI) regulation 2011 as & when recommended.

SCHEDULE III

(To be submitted along with the offer online only)

: Form of General and Technical details of the tenderer:

A General Information:

I/We hereby furnish following particulars about my/our unit (s)

1. Name of Unit : M/s. _____
2. Address of the unit :
 1. Office _____

 2. Factory _____

3. Name of Proprietor/Partner(s) :
 1. _____
 2. _____
 3. _____
4. Name with designation of : _____
the person authorized (if any)
to sign the documents on _____
behalf of the unit. _____
5. Telephone Nos. & Mobile No. : Office _____
Factory _____
Fax no. _____
e-mail _____
6. Particulars of the registration
certificate issued by the _____
competent authority. : _____
Registration No. & date (Upload photocopy mandatory)
7. G.S.T. No. : _____ dated _____
(Upload photocopy mandatory)
8. PAN (Upload photocopy mandatory) : _____
9. Whether the unit or sister : Yes /No
concern unit or any unit of If the reply is 'yes' please give details below
their Proprietorship or _____
Partnership, (if any) has been _____

Blacklisted/debarred or _____
penalized by any Central or _____
State Government Organization _____
or Cooperative Organization at _____
any time _____

10. Valid FSSAI license no. for WMP, W/B & SMP: _____
(upload a photo copy of license mandatory)

11. Whether valid license for B.S.I : _____
mark SMP manufacture is _____
available (furnish a photo copy of _____
license) _____

12. factory license validity of : _____
(upload photocopy mandatory) _____

Seal & Signature of the tenderer

Name: -----

Mobile No: -----

Designation: -----

B Technical Information:

1. Names of products/fluid milk being manufactured and packed at the works with brand name (s) :

2. Whether the tenderer is engaged in pouch milk marketing:

3. Details of other dairy units whose milk has been converted into products in last 3 years:

4. Milk processing and products manufacturing capacity of the plant:

Milk: _____

WB: _____

SMP: _____

Shelf Life of bellow products manufactured

WB: _____

SMP: _____

5. Spare capacity of plant being offered for conversion:

6. Details of WB manufacturing & storage facilities:

CBM make & capacity:

Butter churn make & capacity: _____

Deep freeze chambers with temperature (⁰C) and capacity (MT) :

7. Details of SMP manufacturing & storage facilities:

Type and make of spray dryer: _____

Capacity: _____

Fuel used: _____

Type of air heating system: _____

Capacity available for storage of SMP : _____

Seal & Signature of the tenderer

Name: -----

Mobile No: -----

Designation -----

SCHEDULE IV

(RATES SHOULD BE SUBMITTED IN THIS FORMAT ONLINE ONLY)

FINANCIAL BID

S. No.	Items	Rate (Rs. per kg)		
		Bare rate	Tax Applicable	Total (Inclusive of all the taxes)
1.	Conversion charges of SMP (BIS marked) as per given specifications			
2.	Conversion charges of Pasteurized White Butter as per given specifications			
3.	Cost of packing material for SMP (if packing material is supplied as per given specification by bidder)			
4.	Cost of packing material of WB (if packing material is supplied as per given specification by bidder)			

Note:-

Only point 1, and 2 will be taken for calculation of the conversion cost L1 will be decided on Rate of 1 and 2 and transportation charges of milk from milk union to conversion plant and SMP and W/B from conversion plant to milk union.

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