



बुन्देलखण्ड सहकारी दुग्ध संघ मर्यादित, सागर  
**BUNDELKHAND SAHAKARI DUGDH SANGH  
MARYADIT, SAGAR**

Sagar Dairy Plant, Narsingpur Road, Sironja, Dist. Sagar - 470004, (M.P.)

E-mail: [sanchimccsagar@gmail.com](mailto:sanchimccsagar@gmail.com)

G .S.T. No. 23AAEAB0278Q2ZJ

**Ref: 104/BKDS/PO/SAGAR/2023**

**Date. 07.09.2023**

**E- Tender (II<sup>nd</sup> call)**

Online Tenders are invited for **“Supply, Installation & Commissioning of 2 KL Butter churn.”** at Bundelkhand Sahakari Dugdh Sangh Sagar (Main dairy plant, sironja, sagar. The tender documents containing the terms and conditions can be purchased online & downloaded through following website <http://www.mptenders.gov.in> from 08.09.2023 onwards. The tender will be opened in the office of the undersigned as mentioned in tender time schedule (key date). The detailed Tender Form can be seen (only for reference) at our HO website: [www.sanchidairy.com](http://www.sanchidairy.com). Any changes in tender documents will be notified on above website only and not at any other sources/platforms, hence bidders are requested to visit the site regularly. The Chief Executive Officer Bundelkhand Sahakari Dugdh Sangh Maryadit has all the right to accept or reject any or all bids.

Description of Works	EMD (RS)	Tender Fee (RS)	Bid submission due date & time	Technical Bid Opening Date & Time
Supply, Installation & Commissioning of 2 KL Butter churn	1,00,000/-	1000/-	14.09.2023 4.00 PM	15.09.2023 04.00 PM

CHIEF EXECUTIVE OFFICER



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DOCUMENT

E-Tender Documents

ANNEXURE-A

: General Terms and Conditions

ANNEXURE-B

: Technical Specifications of for 2 KL Butter churn

ANNEXURE-C

: Battery Limit & Exclusion

ANNEXURE-D

: Form & Undertaking

ANNEXURE-E

: Price Bid

E-Tender Form issue date and time

: 08-09-2023 Time 11:00 AM Onwards

Last date of purchase of E-Tender Form

: 14-09-2023 Time up to 2:00PM

Last date of online uploading of E-Tender Form

: 14-09-2023 Time up to 4:00 PM

Time & Date of opening of Technical Bid  
and EMD

: 15-09-2023 Time 4:00 PM Onwards

Time and Date of opening of eligible  
Financial/Price Bids.

: 16-09-2023 Time 4:00 PM Onwards

Place of opening of Bids

: OFFICE OF BUNDELKHAND SAHAKARI DUGDH  
SANGH MARYADIT, SAGAR

Address for Communications

:CHIEF EXECUTIVE OFFICER,  
BUNDELKHAND SAHAKARI DUGDH  
SANGH MARYADIT, SAGAR

Cost of Tender Form

:Rs. 1.000/- (Rs. One Thousand only)  
(to be paid online)

Chief Executive Officer

## **ANNEXURE-A**

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

Bundelkhand Sahakari Dugdha Sangh Mydt, Sagar (BKSDS), an ISO certified cooperative organization, invites online tenders from manufacturers and/ or their authorized dealers or other suppliers for supply, installation of **“Supply, Installation & Commissioning 2 KL Butter churn.” at Main dairy plant Sagar** strictly in adherence to the detailed specifications given in the schedule II of the tender documents.

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

#### **1.0 DECLARATION:**

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

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

- 2.1 Tenders received by e-mail will not be considered. However, amendments by e-mail to a tender sent will be considered, provided the same are received before the opening of the tender
- 2.2 The tenderer(s) should clearly state in their offer the address, telephone, e-mail, PAN and GST Numbers. Any change in the address should immediately be communicated to the Chief Executive Officer, Bundelkhand Sahakari Dugdh Sangh Mydt, Sagar and correspondence thereafter will be made at the changed address.
- 2.3 Negligence on the part of tenderer in filling the tender form offers him/her no right to withdraw the tender after it has been opened.
- 2.4 The acceptance of the tender and award of the purchase order will be the sole right of the Chief Executive Officer, Bundelkhand Sah. Dugdha Sangh Mydt. who does not bind himself to accept a tender in whole or in part or reject any or all the tenders received without assigning any reasons and no explanation can be demanded of the cause of rejection of the tender by any tenderer.
- 2.5 The Chief Executive Officer, BKSDS 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.
- 2.6 Each tender should be accompanied with copy of PAN, GST, Firm Registration, ITR of last 2 Financial Year (2020-21, 2021-22)
- 2.7 The tenderers should submit the rates online only. The conditional tenders are liable to be rejected.
- 2.8 No person or firm is permitted to submit more than one tender under different names.
- 2.9 The tenderer shall not sublet the contract or assign to any other party or parties, the whole or any portion of the contract without prior written permission of Chief Executive Officer, BKSDS.

- 2.10 Manufacturers will be given preference. Copy of license is to be attached with tender for each item filled in, wholesalers/agency/suppliers dealing with the item will have to attach copy of authorization certificate of the manufacturer.
- 2.11 Tenderer shall fill all the details of the unit in form (technical bid) of Annexure-D (To be uploaded –mandatory.)

### **Bid Validity**

Bid shall be valid for a period of 90 days from the date of opening.

### **Documents composing the Bid**

**Technical bid: (To be uploaded online mandatory)**

Annexure-D

### **Commercial/Financial Bid**

- Commercial/Financial Bid form online (submit online in excel format only)

### **Bid price (only online)**

**Purely indicative for e-tender as the rates are required to be filled in the prescribed BOQ in Excel format and GST (to be shown extra)**

### **3.0 Earnest Money Deposit (As per Schedule-II)**

- 3.1 EMD should be submitted online only (Rs.100000/- mandatory) and attach copy of proof for payment of EMD in technical bid.
- 3.2 **MSME industries of The Madhya Pradesh State** will be exempted from payment of tender fee of the tender. (MSME Certificate to be uploaded online mandatory)
- 3.3 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.
- 3.4 No interest will be paid on the earnest money for the period during which (the EMD) lies in deposit with Bundelkhand Sahakari Dugdha Sangh. Maryadit.
- EMD may be forfeited:
    - If successful Bidder/supplier fails/denies to perform work
    - If any bidder/supplier withdraw its bid during the bid validity period.

### **4.0 PRICES:**

- 4.1 Prices offered by the tenderers should be firm and free from all escalations and shall be valid at least for a period of 6 months from the date of approval of rates.
- 4.2 The tenderer should quote rate on FOR dairy plant Sagar basis (Included Packing & Forwarding, Insurance, Freight, unloading and placing on foundation etc. GST extra).
- 4.3 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.
- 4.4 Conditional Tenders are liable for rejection.
- 4.5 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.

- 4.6 The lowest rate shall not be the only criteria for approving the tender.
- 4.7 One-year warranty required of 2 KL Butter churn from supply, installation and placing on foundation date.**
- 5.0 MODE OF DESPATCH
- 5.1 The Butter churn to be supplied by successful firm shall be dispatched to the dairy under prior intimation with proper packing/arrangement to avoid damage during transit.
- 5.2 Wharf age /Demurrage etc. on account of incorrect or delayed dispatch of Butter churn /documents shall be the responsibility of supplier and shall be recovered from the bills.

#### 6.0 ELIGIBILITY CRITERIA

- 6.1 Tenders not accompanied the prescribed Online EMD thereon shall be tender rejected.
- 6.2 The tenderer should be manufacture/supplier of Supply Installation & Commissioning 2 KL Butter churn.
- 6.3 The tenderer should have previous experience in having supplied and commissioned same capacity or above of 2 KL Butter churn, in India either to any cooperative institution or reputed dairies/firm.
- 6.4 The tenderer should have supplied and commissioned same capacity or above of 2 KL Butter churn, for which tender called for and enclose copies of purchase order/supply order within a period of 5 years.
- 6.5 The performance certificate for above such supply for which purchase order/ supply order furnished as per 6.4 from the reputed purchaser shall be enclosed in the technical bid. The performance certificate received from purchase/client should be of within a period of 3 years.
- 6.6 The tenderer should have minimum experience of 5 years in the manufacturing (OEM), the tenderer shall furnish the authorization letter from the original equipment manufacture (OEM) for supply of 2 KL Butter churn. The original equipment manufacturers (OEM) can authorize only one dealer/supplier.
- 6.7 If the tenderer is an authorized dealer/supplier for 2 KL Butter churn, then the experience of the manufacture for supplier for 2 KL Butter churn, their performance shall be taken for evaluation of technical bids, even if the supply has been made either by the manufacture directly or through other agencies.
- 6.8 The tenderers should submit copy of IT Return for Last 2 Financial Year (2020-21, 2021-22)
- 6.9 The tenderers should submit copy of GST and PAN Card.
- 6.10 The tenderers should submit Filled Form of Annexure -D and attached scan copy of related document and undertaking form as per Annexure -D.
- 6.11 The tenderers should submit copy of Firm Registration certificate.

## 7.0 LIQUIDATED DAMAGES:

**7.1** Delivery date are fixed for supply of material they shall be strictly adhered too. In case they are not followed, or in case of delay in execution or non-execution of the order, the Dugdh Sangh reserves the right either to cancel the order and make alternative purchases from other sources, at the risk and cost & expenses of the defaulting supplier. In case the supplies are not fulfilled as per the schedules, the liquidated damages may be charged on the goods not so delivered as under: -

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

**7.2** If the tenderer fails to make supply as per purchase order without any valid reason, the order would be treated as cancelled and the firm may be blacklisted for future dealings and EMD also would be forfeited by the management.

**7.3** If the qualified tenderer fails to make supply of materials as per specification/material quality, BKSDS, Sagar will have right to purchase materials from the other bidders who has participated in the sametender and willing to supply the material on L-1 approved rates for which BKSDS will take the consent of other bidders too.

## 8.0 INSURANCE:

All required Insurance is to be arranged by the tenderer.

## 9.0 INSPECTION:

**9.1** All the supplies are subject to inspection at our plant before acceptance. If Butter churn 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 Butter churn 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 of in Auction and the proceeds, if any, less expenses would be credited to tenderer's account.

**9.2** BKDS team will be visit to the site of successful bidder at the time of fabrication / manufacturing process.

## 10. PAYMENT

10.1 70% against supply of Butter churn in good condition at Dairy Plant Sagar and after physical inspection and verification by concern department and placing of Butter churn on foundation by supplier.

10.2 Balance 20% after completion of installation and successful trial run of two months.

10.3 rest 10 % after submission of Bank Guarantee equal to 10% of order value towards performance Bank Guarantee of one year from the date of commissioning.

## 11. TERMINATION OF CONTRACT:

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

12.0 CONSEQUENCES OF BREACH OF AGREEMENT:

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

13. DISPUTE ARBITRATION & FINAL AUTHORITY:

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

13.2 In any case of dispute between material / services supplier and Bundelkhand Sahakari Dugdha Sangh matter will be presented to MD, MPCDF for resolution.

13.3 All disputes between renderers and BKSDS matter will be put to MD, MPCDF for resolution. In case no resolution action will be taken as per Arbitration Act. 1996.

13.4 For all disputes, the venue for legal course shall be at Sagar.

13.5 If the tender opening date become any govt. holiday then the next day may considered for tender opening.

**14.0 COMPLETION PERIOD**

Within three months from the date of receipt of purchase order.

*Chief Executive Officer*

*Bundelkhand Sahakari Dugdha Sangh Mydt. Sagar*

**ANNEXURE – B  
TECHNICAL  
SPECIFICATIONS**

**I. 2 KL Butter Churn**

**1.0 SCOPE OF SUPPLY**

Supply, Installation & Commissioning of 2 KL Butter Churn.

**2.0 FUNCTIONAL REQUIREMENTS:**

The butter churn shall be used to separate white butter from the ripened cream. The churn shall be fed with cream having 40 – 45% fat.

**3.0 DESIGN REQUIREMENT:**

Working Capacity: 2,000 Ltrs.(Batch Process)

3.1 Drawing approval: - Successful Bidder Required drawing approval from concerned department before dispatch of the Butter churn.

**CONSTRUCTIONAL FEATURES:**

The tank shall be single walled, horizontal, torispherical dish end and welded construction of sanitary design.

**Finish:** Inner and outer surface of tank shall be 2B Mill Finish/150 Grit finish. All welding joints shall be ground smooth to polished to 150 grits.

**Joint Curvatures:** The radii of all welded and permanent attachment joints shall be at least 6mm. Where the conical top and conical bottom join the cylindrical shell the radii shall not be less than 25mm.

**Drawing Approval:** -Successful bidder required drawing approval from concern department of BKDS, Sagar.

**4.0 MATERIAL OF CONSTRUCTION & THICKNESS:**

Cylindrical Shell :	6.0 mm, AISI 316
Torispherical dish end :	6.0 mm, AISI 316
Beater :	6.0 mm, AISI 316

**5.0 MAIN COMPONENTS OF BUTTER CHURN**

**Churning Barrel & Beaters:**

The churning barrel and beaters shall be fabricated from stainless steel conforming to AISI 316. The Beaters shall ensure uniform distribution of salt and moisture during the working phase.

**Drive:**

The drive arrangements shall consist of reduction gear box for a speed reduction to approx. 30 rpm. The butter churn can be rotated at different speeds in clockwise as well as in



anticlockwise direction. The preferable operating speeds are approx. 2,10,17 & 30 rpm. The drive arrangement is equipped with VFD suitable electric motor, gear reducer, chain sprocket drive mechanism, electric push button panel to operate the churn in forward, reverse and off positions, and motor brake to stop the churn at any desired position.

**Drive Housing & Support:**

The complete drive assembly is housed in a drip proof enclosure which can be placed on R.C.C foundation. The other end of the churn shall be supported on mild steel legs made from pipes which shall rest on 300mm high R.C.C. pedestals.

**Additional Items:** 2 nos. 01 MT capacity AISI 316- 2mm thick sheet manufactured trolley required for butter transport/handling from one section to another section of dairy plant.

**6.0 ACCESSORIES:**

**Spray Pipe:**

Stainless steel (AISI 304) spray pipe over the churn for spraying chilled water when the butter churn is in operation. The inlet to the spray pipe shall be in complete stainless steel (AISI 304) union.

**Safety Guard Pipe:**

Stainless steel (AISI 304) safety guard pipe with frame.

**Manhole:**

Leak-proof hinged stainless steel (AISI 316) 550mm size Manhole of standard design with proper locking arrangements. It shall be lockable in both open and closed positions. The manhole shall be provided with EPDM gasket of food grade quality.

**Sight glass:**

Stainless steel (AISI 316) sight glass assembly of diameter 97mm shall be provided with toughened glass.

**Spray ball:**

For CIP stationary spray ball shall be provided.

**Outlet:**

50.8mm dia. stainless steel (AISI 316) outlet shall be provided with manual operated butterfly valve with union end connection.

**Air release valve:**

It shall be pull type NRV.

**End flanges:**

It shall be MS clad with SS 304 with proper strengthening pads for coupling to the gear box on one side and to the bearing on other side.

**Balancing weight:**

The balancing weight for dynamic balance of the barrel shall be in AISI 316.

**Vacuum system:**

Comprising vacuum pump, drive and accessories. Suitable arrangement shall be provided for vacuum control.

**Butter milk pump:**

Suitable butter milk pump of IDMC/Zeutech/Fristam/Swastik Make shall be provided.

**Shovels:**

Stainless steel (AISI 316) shovels shall be provided – 2 Nos.

**Paintings:**

All the mild steel parts of the butter churn shall be painted with two coat of epoxy primer after de-rusting.

**Control panel:**

SS 304 control panel to house the VFD of Reputed make and feeders for Vacuum pump and butter milk transfer pump.

**TESTS:** The following test shall be conducted by successful bidder with invoices.

- ❖ Dye penetration test for welding joints.
- ❖ Water fill-up test for water tightness for the inner.
- ❖ Final inspection prior to dispatch including agitator trial.

**ANNEXURE - C**  
**BATTERY LIMITS & EXCLUSIONS**

- All types of civil works are excluded from supplier scope.
- The foundation for direct placement of Butter Churn in Dugdh Sangh scope.
- Placement of silo on foundation in supplier scope.
- Transportation, insurance, unloading and placing on foundation in supplier scope.
- Installation and commission of butter churn in supplier.
- All electrical items, control panel etc. in supplier scope excluded main power supply to Butter Churn control panel.



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**ANNEXURE-D**

(to be submitted along with the offer)

FORM

(Technical details)

I/We hereby furnish following particulars about our units :

1. Name of firm/party : M/s .....

2. Address of firm/party : 1. Office  
: 2. Factory

3. Name of proprietor/ Partner : 1.  
: 2.

4. Name with designation of other :  
Person authorized to sign the  
Documents on behalf of the firm/party,  
If any,

5. Telephone nos. & Mobile no. : Office  
: Factory

6. Particulars of the registration Certificate  
Issued by the competent Authority  
Registration No. & date.

7. PAN Number (permanent :  
Account Number- Income Tax)

8. GST No.

9. Whether the firm/party or sister Concerned firm/party or any firm/party of their  
Proprietorship or partnership, if any has been black-listed/debarred or penalized by any  
Central or State Government/Organization at any time. Yes/No:

11. If the reply is 'yes' when & why? :  
Give reasons in details.

12. Name and addresses of customers where similar work carried out by the party.

Signature of the Authorized

**ANNEXURE-E**

**UNDERTAKING**

(To be filled in party's letter pad)

We undertake to abide by the technical specification, service/utility, terms and conditions as stipulated in this document. In case any deviation is found after opening of technical bid and commercial bid we do not have any objection if debarred from the tender process.

Signature-

Name of the Tenderer-

Address-

Telephone No.-

E-mail id-

ANNEXURE-F

**PRICE BID**

**(To be uploaded online only)**

<b>S.N.</b>	<b>Item description &amp; scope of work</b>	<b>RATE (FOR Inclusive of P&amp;F, Freight, insurance, placing on foundation &amp; all other charges (In Rs.) (GST Extra)</b>
<b>1</b>	<b>Supply, Installation &amp; Commissioning of 2 KL Butter churn</b>	

Signature & Seal of the Tenderer

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## BIDDER'S CHECK LIST BEFORE TENDER SUBMISSION

**(To be uploaded all mandatory documents scanned copy with seal and sign, online mandatory)**

Note: - All the documents are necessary in technical bid. Lack of any document in the technical bid may lead to disqualification of the tender.

S. No.	Tender Submission Check Points (mandatory documents)	Check before submission (write Yes or No)
1.	Online tender Fee and EMD payment transaction acknowledgement	
2.	Form and undertaking of Schedule-III (with seal & sign)	
3.	PAN Card and GST Certificate Copy (with seal & sign)	
4.	ITR of 2 Financial Year (2020-21, 2021-22) (with seal & sign)	
5.	Company/Firm Registration or Factory License Copy (with seal & sign)	
6.	supplied and commissioned same capacity or above of 2 KL Butter churn, for which tender called for and enclose copies of purchase order/supply order within a period of 5 years.	
7.	The performance certificate for above such supply for which purchase order/ supply order furnished as per 6.4 from the reputed purchaser shall be enclosed in the technical bid. The performance certificate received from purchase/client should be of within a period of 3 years.	
8.	The tenderer should have minimum experience of 5 years in the manufacturing (OEM), the tenderer shall furnish the authorization letter from the original equipment manufacturer (OEM) for supply of 2 KL Butter churn. The original equipment manufacturers (OEM) can authorize only one dealer/supplier.	
10.	If the tenderer is an authorized dealer/supplier for 2 KL Butter churn, then the experience of the manufacture for supplier for for 2 KL Butter churn, their performance shall be taken for evaluation of technical bids, even if the supply has been made either by the manufacture directly or through other agencies	

**Seal & Signature of the Authorized**

Signatory of the Co./Unit



