



BUNDELKHAND SAHAKARI DUGDH SANGH MARYADIT
SIRONJA, SAGAR (M.P.) 470004
AN ISO 9001: 2015, ISO 22000:2005 Certified Organization
E-mail: sanchimccsagar@gmail.com

Ref No: 200 /BKDS/IM/2022

Dated: 01.08.2022

E-TENDER NOTICE

Online e-tenders (Two Bid System) are invited from Manufacturer/Suppliers for supply & installation of Dairy related Equipments Milk Analyzer Cum Stirrer with Thermostate Cup. The tender notice, tender documents, containing the terms and conditions can be purchased online & downloaded through following website <http://www.mptenders.gov.in> from 02.08.2022, 12:00PM onwards upto 08.08.2022 at 04.00PM. The tender will be submitted from 02.08.2022, 12:00 PM onwards upto 08.08.2022 at 04.00PM. The tender will be opened on 10.08.2022 at 11.00AM. The detailed Tender Form can be seen (only for reference) at our H.O website: www.sanchidairy.com and www.sanchisagar.com.

For digital Signature please contact M.P. State Electronic Development Corporation Ltd., Area Hills, Bhopal on toll free no. 18002588684.

Corrigendum/Amendment if any to this publication would appear only on the above mentioned websites and will not be published else where.

CHIEF EXECUTIVE OFFICER



BUNDELKHAND SAHAKARI DUGDH SANGH MARYADIT

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E-mail: sanchimccsagar@gmail.com

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E-TENDER FOR SUPPLY OF ELECTRONICS LAB EQUIPMENT

TENDER DOCUMENT

Schedule I	:	General Terms & Conditions.
Schedule-II	:	Specifications
Schedule III	:	Technical Bid
Schedule IV	:	Form A & Form B
Schedule IV	:	Price Schedule
Tender Cost	:	Rs.1000/- (Rupees one thousand only)
EMD	:	Rs.50000/-
Tender Document Download/Sale Start Date	:	02.08.2022 Time 12:00 PM Onwards
Tender Document Download/Sale End Date	:	08.08.2022 Time 04:00 PM
Bid Submission Start Date	:	02.08.2022 Time 12:00 PM Onwards
Bid Submission End Date	:	08.08.2022 Time 04:00 PM
Bid Opening Date	:	10.08.2022 Time 11:00 AM
Place of opening of Tender	:	Office of the Bundelkhand Sahakari Dugdha Sangh Maryadit, Sagar.
Address for Communication	:	The CEO, Bundelkhand Sahakari Dugdha Sangh Maryadit, Sagar 470004.

CHIEF EXECUTIVE OFFICER

SCHEDULE - I

General Terms & Conditions for tender submission & material supply

Bundelkhand Sahakari Dugdha Sangh Mydt, Sagar (BKDS), an ISO certified cooperative organization, invites e-tender (Two Bid System) from manufacturer/suppliers for supply of Dairy related Lab electronics Equipments, strictly in adherence to the detailed specifications given in the schedule II of the tender documents.

CEO 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 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 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 and confirmed by post.
- 2.2 Individuals seal signing on the tender and other related documents must specify in which capacity of the firm he/ she has signed the documents. (copy to be uploaded –mandatory)
- 2.3 The tenderer(s) should clearly state in their offer the address, telephone, fax, e-mail. Any change in the address should immediately be communicated to the Chief Executive Officer, Bundelkhand Sahakari Dugdha Sangh Mydt, Sagar and correspondence thereafter will be made at the changed address.
- 2.4 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.
- 2.5 The acceptance of the tender and award of the purchase order will be the sole right of the Chief Executive Officer, Bundelkhand Sahakari Dugdha Sangh Mydt. Sagar 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.
- 2.6 The Chief Executive Officer, BKDS SAGAR 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.
- 2.7 Each tender should be accompanied with copy of PAN, Income Tax Return of last two financial years (2019-20,2020-21), GST and without which the tender may not be entertained. (copy to be uploaded – mandatory)
- 2.8 The Tenderers should submit the tender rates in the Schedule IV only. The conditional tenders are liable to be rejected.
- 2.9 No person or firm is permitted to submit more than one tender under different names.
- 2.10 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, BKDSM during the supply.
- 2.11 Tenderer shall fill all the details of the unit in the enclosed form- A in schedule-III. (copy to be uploaded – mandatory).
- 2.12 Demonstration of articles available with the firm shall be arranged by the tenderer at his own cost, whenever requested by Bundelkhand Sahakari Dugdha Sangh Mydt.
- 2.13 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. (copy to be uploaded –mandatory).

3.0 EARNEST MONEY DEPOSIT:

4.0 All the tenderers are required to deposit Earnest Money Rs.70000/- on line. As the tender will be finalized the unsuccessful tenderers will get back the EMD from MP TENDERS (as per their norms) on line. 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.

3.2 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 without any interest.

3.3 No interest will be paid on the earnest money for the period during which (the EMD) lying in deposit with Bundelkhand Sahakari Dugdha Sangh, Maryadit.

5.0 PRICES:

4.1 Rate should be quoted for the material as per the specifications given in the schedule II of the tender document. 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 Bundelkhand Sahakari Dugdha Sangh Mydt, in writing that such doubts may be removed before submitting the tender.

4.2 Prices offered by the tenderers should be firm, free from all escalations and unconditional and shall be valid at least for a period of 12 months from the date of approval of rates. We would communicate our rate approval within 30 days of opening of tender.

4.3 The Tenderer should quote rate on F.O.R Dairy Plant Sagar basis.

4.4 The tender should clearly specify whether rates quoted are inclusive or exclusive of GST.

4.5 If needed, negotiations will be done for prices and as well as terms & conditions of material supply only with the party which offers the lowest rate.

4.6 The prices charged for the material supplied 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.

4.7 The lowest rate shall not be the only criteria for approve the tender.

4.8 Conditional Tenders are liable for rejection.

4.9 Quote prices as per one year service.

6.0 MODE OF DESPATCH:

5.1 The material to be supplied by qualified 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.

5.2 Wharfage /Demurrage etc. on account of incorrect or delayed delivery/dispatches of material/documents must the responsibility of supplier and shall be recovered from the bills.

7.0 ELIGIBILITY CRITERIA

6.1 Tenderers should submit present supplier's List with contact detail / Purchase order copy/performance Report.

6.2 The tenderers should submit copy of IT Return for Last Two financial years (2019-20,2020-21).

6.3 The tenderers should submit copy of PAN Card & GST Certificate.

6.4 The tenderers should submit Filled Form-A & attached related document as per Form A.

6.5 The tenderers should submit EMD (online).

6.6 The tenderers should submit copy of Firm Registration certificate.

6.7 The tenderers should submit proof for they have strong service network in Madhya Pradesh to provide installation, training and onsite after sale service at village DCS level.

7.0 LIQUIDATED DAMAGES:

7.1 The time period and the date of delivery of the material stipulated in the purchase order shall be deemed to be the essence of the contract. Once firm delivery date(s) 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 Dugdha 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: -

Sl.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 qualified 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 the materials as per specification/material quality, BKDS Sagar will have right to purchase materials from the other bidders whom participated in the same tender and willing to supply the material on L-1 approved rates for which BKDS will take the consent of other bidders too.

8.0 INSURANCE:

Insurance is to be arranged by the tenderer.

9.0 INSPECTION:

9.1 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. If the material is not found as per specification of BKDS SAGAR the consignment will be rejected. Supplier will be informed regarding rejection by post /e-mail supplier should attend this office within 15 days of the receipt of intimation so that the material could be rechecked in his presence. If the supplier doesn't attend this office on time then the material will be returned at his own risk/cost by BKDS Sagar. No payment shall be made against the rejected materials.

9.2 Sample of the articles should be sent/produced before the competent authority if asked for within 3 days or as mutually agreed.

9.3 Bidders has to submit their customers list along with the performance report of consignee is compulsory.

10.0 PAYMENT:

10.1 70% against delivery of machine/equipments in good condition at site and after physical inspection and verification by concern department.

10.2 Balance 20%, within 40 days of after commissioning and successful trial run of machine/equipments at site and remaining 10 % after submission of performance bank Guarantee of 10 % value of total purchase order basic amount value (without GST) for one year.

10.3 Tenderer agreeing to these terms would be given preference over those specifying other terms.

11.0 WARRANTY

All the Supplied items component shall be warranted for one-year comprehensive warranty from date of supply except burnt & broken items are not covered.

12.0 TERMINATION OF CONTRACT:

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

13.0 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.

14.0 DISPUTE ARBITRATION & FINAL AUTHORITY:

14.1 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.

14.2 In any case of dispute between material / services supplier and Bundelkhand Sahakari Dugdha Sangh matter will be presented to MD, MPCDF for resolution. In case no resolution action will be taken as per Arbitration Act. 1996.

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

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

15.0 Quantity:

At present 50 Nos. which may be increased, as per the need.

Chief Executive Officer
Bundelkhand Sahakari Dugdha Sangh Mydt.Sagar

SCHEDULE - II

TECHNICAL SPECIFICATION FOR MILK ANALYSER CUM STIRRER WITH THERMOSTAT CUP

Sr. No.	Particulars	Specification
1	Functional Requirement	A) To test & display fat, SNF & added water of sample milk. MILK ANALYSER should have facility to communicate with DPU B) Milk Analyser Cum Stirrer with Thermostate Cup shall have alert for cleaning of the analyzer and finally at the time of shift closure should alert for flushing/ cleaning. C) Cleaning Alerts: Shut Down by proper functionality of water sucking in while shut down, Interlocking for Cleaning /Flushing: Analyzer should initialize the Flushing/cleaning cycle when switched Off after shift closer or shut down by switching of the Analyzer.
2	Type	Ultrasonic principle based Measuring Range: 1) Fat: 0.5% to 12% or more. Accuracy +/- 0.1% Resolution: 0.01% Repeatability: +/- 0.05 % 2) SNF: 6% to 12 % or more Accuracy +/- 0.15% Resolution: 0.01% Repeatability: +/- 0.05 % 3) Added water: 0% to 60% Accuracy +/- 5%, Resolution: 1% Repeatability 0.5%. 4) Density = 1.0220 g/cm ³ to 1.0360 g/cm ³ Accuracy +/- 0.0005 g/cm ³ 5) Measuring cycle- 35 sec. / Sample Average testing speed – Min. 70 samples/ hrs.
3	Operational abilities	7) Mode selection: 1. Type of milk – Cow / Buffalo / Mixed 2. Cleaning, 3. Calibration, System error list etc.
4	MoC for enclosure	AISI 304 (With Certificate of Confirmation of AISI 304), min 0.75 mm thick, dairy finish

5	Loose Accessories	<ol style="list-style-type: none"> 1. Holding bottom tray for spillage- 1 No. 2. RS 232 Serial Cable- 1 No. 3. Power cable with plug top- 1 No. 4. Measuring mugs - 2 No 5. Daily cleaning solution - No. of Bottle 3 (Quantity minimum 200 ml each or equivalent). 6. Weekly cleaning solution - No. of Bottle 2 (Quantity minimum 200 ml each or equivalent)
6	Manual	Operating Manual each in English & as per local language
7	Operating Voltage	12V DC 3.0 Amps
8	THERMOSTAT CUP	<p>Use for Analyzer flushing and cleaning for breakdown reduction and system improvement.</p> <p>The Cup for providing hot water with auto cut off.</p> <p>It should have a base to fit-in the Analyzer Suction cavity. Specifications:</p> <p>D) Hot Water Cup for Cleaning with auto-shut off.</p> <p>E) Water Storage Volume: minimum 10-15 ML</p> <p>F) Temperature range and Time: 0 Deg to 70 Deg C. in not more than 60 sec.</p> <p>G) Operation Input DC Volt: 12V,</p> <p>H) Control: Thermostat, Auto Cut off at 65°C.</p> <p>I) Milk Analyser Cleaning only.</p> <p>J) Holding Arrangement: Base Platform to hold the cup in Milk Analyser</p>

ULTRASONIC STIRRER MUST BE COMBINED WITH ANALYSER IN A SINGLE BODY:

9	Functional Requirement	To remove air from fresh milk sample by vibrations created by the stirrer
10	Type	Table top, Ultrasonic Stirrer
11	Stirrer for Ultrasonic Stirrer	SS Ball type
12	Ultrasonic Frequency	20-25 KHz (Variable)
13	Timer	1-35 (Max.) Sec. Typicle-13 sec. (selectable) Digital Display.
14	Environment	Suitable for dusty / humid village environment, operating temperature -5 to 50 Degree C
15	Connecting Cables	Minimum 1.5 m Power cable with plug top.
16	Complete ready to use	Item complete in all respect with required electric/ electronic parts, ready for use at site.
17	Operating Voltage	10.5 to 16 Volts DC 2.2 amps. Approx. Over Voltage and Under Voltage Protection.
18	MoC for body	AISI 304 (With Certificate of Confirmation of AISI SS 304), min 0.75 mm thick combined with Milk Analyser Body Model
19	Power Consumption	As per design

TECHNICAL SPECIFICATION FOR THERMAL PRINTER

Sr. No.	Particulars	Specification
<u>1</u>	Printing Method	Thermal Line Printing
<u>2</u>	Installation	Horizontally
<u>3</u>	Standard Accessories	Roll Paper x 1(for checking the initial movement of the printer,12V- DC cable, RS-232 Cable
<u>4</u>	Font	9x17 / 12x24, Hanji Font: 24x24, Thai Font: 9x24 / 12x24
<u>5</u>	Character Size (W x H)	0.88x2.13mm / 1.25x3mm, Hanji Font: 3x3mm, Thai Font: 0.88x3mm / 1.25x3mm
<u>6</u>	Character Set	95 Alphanumeric, 18 set International, 128×43 pages (including user-defined page) Hanzi: Simplified Chinese: GB18030-2000:28,553 Barcode: UPC-A, UPC-E, JAN13(EAN13), JAN8(EAN), CODE39, ITF, CODEBAR (NW-7), CODE93, CODE128, GS1-128, Gs1 DataBar Two-dimensional code: PDF417, QRCode, MaxiCode, 2D Gs1 DataBar Composite Symbology
<u>7</u>	Characters Per Inch	22.6cpi / 16.9cpi, Hanji Font: 7.8cpi, Thai Font: 22.6cpi / 16.9cpi
<u>8</u>	Interface	Serial RS-232,
<u>9</u>	Buffer	2048K bytes, NV Flash: 256K bytes
<u>10</u>	Print Speed	Max 120mm/s
<u>11</u>	Dot Density	208x208 dpi
<u>12</u>	Paper (Roll Paper (Width & Roll Diameter)	57.5 ± 0.5 (W) × dia. 83.0
<u>13</u>	Power	DC +12V ± 5%
<u>14</u>	Operating	Approx. 3A (Mean/Print ratio 18% with print pattern)
<u>15</u>	Standby	Approx. 0.1A (Mean)
<u>16</u>	Baud Rate	9600

SCHEDULE-III

Technical Bid

<u>Sr.no.</u>	<u>Item</u>	AS PER TECHNICAL SPECIFICATION IN SCHEDULE -II	<u>YES/NO</u>	<u>REMARK</u>
1.	MILK ANALYZER CUM STIRRER WITH THERMOSTATE CUP			



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SCHEDULE – IV

(To be submitted along with the offer)

Form – A

Chief Executive Officer

Date :

BKDS,

Sagar

Dear Sir,

I/We hereby furnish below some particulars about our company/unit which will form a part of our offer submission :

1. Name of the Co./Unit : _____

2. Address of the Co./Unit : _____

3. Telephone Nos.(with STD Code) : _____

Mobile No. : _____

FAX No. : _____

Email ID : _____

4. Name of the CEO/Proprietor/ Partner : _____

5. Name and designation of other : _____
Authorized signatory of the Co./
Unit.

6. Particulars of Regn. Certificate as a
Manufacturer Issued by the competent authority
(Regn No. & Date) (Enclosed Copy) : _____

7. GST NO. _____ dated _____

8. Details of PAN CARD (Enclosed Copy): _____

9. Income Tax return (Enclose Copy): _____

10. Name of Bank & RTGS/NEFT No.: _____

Enclose cancelled cheque: _____

11. Have your Co./Unit or its sister concern ever been black listed/ debarred by BKDS Sagar or its sister Milk Unions or GOI /GOMP & its undertaking ? YES / NO

12. If Yes, when & Why? Give reason in details.

I/WE HAVE READ THE TERMS AND CONDITIONS OF THE TENDER DOCUMENT. WHICH ARE ACCEPTABLE TO ME/US. NO ADDITIONAL CONDITION.DEVIATION OR POINT OF DIFFERENCE HAS BEEN GIVEN BY ME/US.

I AM PROPRIETOR / MANAGER/ DIRECTOR _____ OF THE TENDERING FIRM AND HAVE BEEN AUTHORISED TO SUBMIT. THE AUTHORITY LETTER IN THIS REGARDS IS ENCLOSED HEREWITH.

DATE:

SEAL AND SIGNATURE OF TENDERER

NAME OF SIGNATORY

DESIGNATION

**Seal & Signature of the
Authorised Signatory of the Co./Unit**

SCHEDULE IV

(To be submitted along with the offer)

Form B

CHIEF EXECUTIVE OFFICER

Date: _____

BKDS, SAGAR

Dear Sir,

I/We furnish here below more particular about our Company/Unit which will form a part of our Tender rate submission against your Tender Notification No. _____ Dated _____:

1. Items manufactured at our Unit : _____

2. Capacity of the Plant : _____

3. Is there any break in your production/
business activities during the past 5 : _____
years period? If so, give details thereof.

4. Your customers/client on current list : 1. _____
2. _____
3. _____
4. _____
5. _____

5. Have/Are you supplied/supplying :
items of similar nature to any Dairies
under coop. sector? if yes to whom
and how long?

I/We hereby undertake that information furnished in the Tender documents are correct to the best of our knowledge and belief.

Place:

Date:

Seal & Signature



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SIRONJA, SAGAR (M.P.) 470004

AN ISO 9001: 2015 Certified Organization

E-mail: sanchimccsagar@gmail.com

SCHEDULE -IV

FORMAT FOR QUOTING RATES (only online)

S. No.	DESCRIPTION	QUANTITY	RATE FOR MILK ANALYZER CUM STIRRER WITH THERMOSTATE CUP (FOR Destination & Inclusive of P&F, Freight, Taxes applicable, installation cost & all other charges (In Rs.))
A.	MILK ANALYZER CUM STIRRER WITH THERMOSTATE CUP	1 Set (as per technical specifications)	

Date:

Place:

Signature of authorized of the Unit

(With Seal)