

INDORE SAHAKARI DUGDH SANGH MARYADIT

CHANDA TALAWALI, MANGLIA-INDORE(M.P)-453771

AN ISO 22000: 2005 & 9001:2008 CERTIFIED ORGANIZATION

Tel : (0731)- 2811162/Fax No.0731-2811559

E-mail: sanchimsids@gmail.com

Ref No: ISDSM/PUR/2021/021

Date: 16/06/2021

E-TENDER NOTICE (1st Call)

Online e-tenders (Two Bids System) are invited from the manufactureres for the Dairy related various Dairy/DCS testing Equipments (Jerry cans,-2 ltrs. ,5 ltrs., 10 ltrs. and 35 ltrs., Lactometer, Lactometer Jar, Centrifugal Machine Discs, Centrifugal Machine, Butyrometer, Milk Pipette, Acid/Alcohol tilt measure,Milk Sampler, Milk Plunger, Sample Bottle, Milk Stainer, Sample Bottle/Butyrometer/Pipette Brush, Aluminium Bhagona, Sample Bottle Stand, Funnel, Dropping Bottles, Milk Pipette, Acid/Alcohol Bottle, Lock Stopper, Alcohol Thermometer, Aluminium milk Handle/Bottom Ring, Litre Measure Sets, Digital Thermometer etc.) for the year 2021-22. The tender notice, tender documents, containing the terms and conditions can be purchased online & downloaded through following website <http://www.mptenders.gov.in> from 16/06/2021, 11:00AM onwards upto 06/07/2021 at 02.00PM. The tender will be submitted from 16/06/2021, 12:00Noon onwards upto 06/07/2021 at 02.00PM. The tender will be opened on 07/07/2021 at 03.00PM.The detailed Tender Form can be seen (only for reference) at our H.O website:www.sanchidairy.com. For digital Signature please contact M.P. State Electronic Development Corporation Ltd., Arera 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Corrigendum/Amendment if any to this publication would appear only on the above mentioned websites and will not be published else where.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

SIGNATURE OF TENDERER

INDORE SAHAKARI DUGDH SANGH MARYADIT

CHANDA TALAWALI, MANGLIA-INDORE(M.P)-453771

AN ISO 22000: 2005 & 9001:2008 CERTIFIED ORGANIZATION

Tel: : (0731)- 2811162/Fax No.0731-2811559

E-mail: sanchimsids@gmail.com

Ref No: ISDSM/PUR/2021/021

Date 16/06/2021

The tender notice, tender documents, containing the terms and conditions can be purchased online & downloaded through following website <http://www.mptenders.gov.in>

E-TENDER FOR SUPPLY OF VARIOUS DAIRY/DCS TESTING EQUIPMENTS FOR THE YEAR 2021-22

TENDER DOCUMENT

Schedule I	:	General Terms & Conditions.
Schedule-II	:	Specifications
Schedule III	:	Form A
Schedule IV	:	Price Schedule
Schedule V	:	EMD Exemption Letter
Tender Cost	:	Rs.500/- (Rupees five hundred only)
EMD	:	Rs.82100/-
Tender Document Download/Sale Start Date	:	16/06/2021 Time 11:00 AM Onwards
Tender Document Download/Sale End Date	:	06/07/2021 Time 02:00 PM
Bid Submission Start Date	:	16/06/2021 Time 12:00 Noon Onwards
Bid Submission End Date	:	06/07/2021 Time 02:00 PM
Bid Opening Date	:	07/07/2021 Time 03:00 PM
Place of opening of Tender	:	Office of the Indore Sahakari Dugdha Sangh Maryadit, Indore.
Address for Communication	:	The CEO, Indore Sahakari Dugdha Sangh Maryadit , Chanda Talawali, Manglia, Indore 453771.

CHIEF EXECUTIVE OFFICER

SIGNATURE OF TENDERER

SCHEDULE - I

General Terms & Conditions for tender submission & material supply

Indore Sahakari Dugdha Sangh Mydt, Indore (ISDSM), an ISO certified cooperative organization, invites e-tender (Two Bids System) from bonafide manufacturers for supply of Dairy related various Dairy/DCS testing Equipments for the year 2021-22, strictly in adherence to the detailed specifications given in the schedule II of the tender documents.

CEO Indore Sahakari Dugdha Sangh Mydt., Indore reserves the right to accept or reject any or all tenders at any stage, 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 Individuals signing on the tender and other related documents (a copy of entire Tender Document should be sealed and signed must be uploaded) must specify in which capacity of the firm he/ she has signed the documents. (copy to be uploaded –mandatory)

2.2 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, Indore Sahakari Dugdha Sangh Mydt, Indore 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, Indore Sah. Dugdha Sangh Mydt. Indore 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 As the commodity is so vital in nature, the Chief Executive Officer, ISDSM 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, Income Tax Return of the two financial years 2018-19 and 2019-20, GST number and firm registration without which the tender may not be entertained. (Copy to be uploaded –mandatory and all documents should be in the same name of Firm/Establishment).

2.7 The Tenderers should submit the tender rates in the Schedule IV 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, ISDSM during the supply.

2.10 Tenderer shall fill all the details of the unit in the enclosed form- A in schedule-III. (copy to be uploaded – mandatory).

2.11 Presently the rates invited for one year from the approval date of rates, it can be extended to further six months on the basis of mutual agreement if quality and supply of materials found satisfactory. Wherever there is variation in the requirement of quantity, the delivery schedule shall also be modified accordingly by the Indore Sahakari Dugdha Sangh Maryadit, Indore.

2.12 The Tenderer shall submit the BIS/ISI certificate bearing CML No. for ISI Marked Butyrometers, Milk Pipettes long stem, Lactometers, lock stoppers and glass tilt measures.(Copy to be uploaded –mandatory).

3.0 EARNEST MONEY DEPOSIT:

3.1 All the tenderers are required to deposit Earnest Money Rs.82100/- on line only. 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 Any tender which is not accompanied by Earnest Money deposit are liable to be rejected. EMD Exemption allowed only to the bidder's who registered with M.S.M.E and having their establishment situated in M.P. State. As the tender will be finalized the unsuccessful tenderers will get back the EMD from MP TENDERS (as per their norms) on line. 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 amount.

SIGNATURE OF TENDERER

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

4.0 PRICES:

4.1 Rate should be quoted for the material as per the specifications given in the schedule II of the tender document. 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 Indore Sah. 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.

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

4.4 The tender should quote rates are inclusive of GST.

4.5 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.

4.6 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.

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

5.0 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.

6.0 LIQUIDATED DAMAGES;

6.1 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 affected 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.

6.2 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.

6.3 If the qualified tenderer fails to make supply of the materials within required time/ as per specification/material quality/printing as per ISDS's specification requirement, ISDS Indore 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 ISDS will take the consent of other bidders too. For the issue of purchase order the proportionate ratio will be 60:40. The L-1 supplier fails to supply materials then the entire requirement shall be fulfilled through the other bidders and if the other bidders didn't agree to supply the material on L-1 approved rates the difference amount would be charged from deposited EMD or their pending bills of L-1 bidders if purchases were effected on higher price.

7.0 INSURANCE:

Insurance is to be arranged by the tenderer.

SIGNATURE OF TENDERER

8.0 INSPECTION:

8.1 All the materials supplies are subject to inspection at our stores before acceptance. If the material is not found as per the specification of ISDSM Indore the consignment will be rejected & shall not be returned. Supplier will be informed regarding rejection by post /e-mail and the 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 within stipulated time then the material will be destroyed by ISDSM & no payment shall be made against the rejected and destroyed material. The report of our authorized official in this respect shall be FINAL and no correspondence on the subject would be entertained.

8.2 L-1 bidders shall submit the samples of the items for which they stand L-1 to the Purchase/Quality Control section of ISDSM Indore. P.O. shall be issued only after the samples are found Okay as per specification.

8.3 Bidders has to submit their customers list along with the performance report of consignee is compulsory. (List to be uploaded mandatory)

9.0 PAYMENT:

Our normal term of payment is full payment after receipt, inspection and acceptance of materials in our stores within a period of about 30 days after receipt. Such payments shall be made through accounts payee cheques / RTGS. Tenderer agreeing to these terms would be given preference over those specifying other terms.

10.0 TERMINATION OF CONTRACT:

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

11.0 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, Indore 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.

12.0 DISPUTE ARBITRATION & FINAL AUTHORITY:

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

12.2 For all matters of dispute, the decision of the Honorable M.D., M.P.C.D.F. Under Arbitration and Conciliation Act. 1996 shall be final and binding on all the concerned.

12.3 For all disputes, the venue for legal course shall be at Indore.

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

*Chief Executive Officer
Indore Sahakari Dugdha Sangh Mydt. Indore*

@@@@@@@@

Technical Evaluation Check List

The tenderers should upload all the documents as per following check points.

Check Points	Please Specify Documents Submitted in (Yes/NO)
1.	EMD should paid online, except who registered with M.S.M.E and having their establishment situated in M.P
2.	The tenderers should submit copy of IT Return of last two financial years (2018-19 and 2019-20).
3.	The tenderers should submit copy of PAN Card
4.	GST Detail
5.	Firm Registration Certificate
6.	Tender Document Sealed & Signed
7.	Form-A
8.	Present client list along with Performance Report
9.	BIS/ISI certificate bearing CML No. for ISI Marked Butyrometers, Milk Pipttes long stem, Lactometers, lock stoppers and glass tilt measures

Note:- The tenderer were not submitted any one of the above documents are liable for rejection in **Technical Bid Evaluation**.

SIGNATURE OF TENDERER

Schedule- II

SPECIFICATION FOR MILK TESTING EQUIPMENTS

1. SPECIFICATION FOR CENTRIFUGAL GERBER MACHINE DISCS

S.No.	Particulars	Particular
1.1	Specification	IS : 1223 Section 6 2001 ISI Marked with CML No.
1.2	Dimension	Top Dia 51 cm. outer Height 4.5 cm. Bottom 48 cms. Height 4 cms. Outer Dis.
1.3	Paint & Finish	White enamel of good quality
1.4	Sockets	Made of PVC Inner diameter min. 2.7 cms. Number of sockets – 24, Weight of socket min. 10 grms.
1.5	Thickness of sheet	1mm
1.6	Total wt. of the disc without socket	Shall be min. 3.6 ± 1 Kg
1.7	Packing	Packed in thick paper 10 Pieces packed in wooden Box

1A. SPECIFICATION FOR SPARES FOR HAND DRVEN CENTRIFUGAL MACHINE

S.No.	Particulars	Specification
1	Handle	IS : 1223.2001
2	Gear Wheel	
3	Warm Spindle	
4	Ball Bearing	

2.0 SPECIFICATION FOR LACTOMETER ZEAL TYPE ± 0.5 Accuracy Short Stem (ISI- mark optional)

S.No.	Particulars	Specification Norms
2.1	Material	Lactometer shall be made from Class-1 or equivalent Borosil glass and it should be free from visible defects Lactometer should be marked individual identification number.
2.2	Graduation	0 to 40 with ½ division, Accuracy ± 0.50 CLR
2.3	Dimension	Length of Bulb 9.0 cms.± 0.3 Length of stem 8.0 cms. (Max.) Diameter of bulb 1.6 cms.± 0.1 Diameter of stem 0.4 cms.
2.4	Calibration temp.	29 ⁰ C (84 ⁰ F)
2.5	Packing	Lactometer shall be supplied duly packed in HDPE/good quality card Board cases packed 12 pieces in each Box.

SIGNATURE OF TENDERER

2.0 –A SPECIFICATION FOR LACTOMETER ZEAL TYPE ± 1.0 Accuracy Short Stem (ISI- mark optional)

S.No.	Particulars	Specification Norms
2.1 A	Material	Lactometer shall be made from Class-1 or equivalent Borosil glass and it should be free from visible defects. Lactometer should be marked individual identification number.
2.2 A	Graduation	0 to 40 with 1 division, Accuracy ± 1 CLR
2.3 A	Dimension	Length of Bulb 9.0 cms. ± 0.3 Length of stem 8.0 cms. (Max.) Diameter of bulb 1.6 cms. ± 0.1 Diameter of stem 0.4 cms.
2.4 A	Calibration temp.	29 ⁰ C (84 ⁰ F)
2.5 A	Packing	Lactometer shall be supplied duly packed in HDPE/good quality card Board cases packed 12 pieces in each Box.

2.0 –B SPECIFICATION FOR Long Stem LACTOMETER ± 0.5 Accuracy ISI Marked

S.No.	Particulars	Specification Norms
2.1 B	Material	Lactometer shall be made from Class-1 or equivalent Borosil glass and it should be free from visible defects. Lactometer should be marked individual identification numbered.
2.2 B	Graduation	20 to 35 with $\frac{1}{2}$ division, Accuracy ± 0.5 CLR
2.3 B	Dimension	Length of Bulb 11.5 cms. ± 0.3 Length of stem 7.5 cms. (Max.) Diameter of bulb 2.1 cms. ± 0.1 Diameter of stem 0.4 cms.
2.4 B	Calibration temp.	27 ⁰ C
2.5 B	Packing	Lactometer shall be supplied duly packed in HDPE/good quality card Board cases packed 12 pieces in each Box.

SIGNATURE OF TENDERER

2.0 –C SPECIFICATION FOR Long Stem LACTOMETER ± 0.25 Accuracy ISI Marked

S.No.	Particulars	Specification Norms
2.1 C	Material	Lactometer shall be made from Class-1 or equivalent Borosil glass and it should be free from visible defects. Lactometer should be marked individual identification number.
2.2 C	Graduation	20 to 35 with $\frac{1}{4}$ division, Accuracy ± 0.25 CLR
2.3 C	Dimension	Length of Bulb 11.5 cms. ± 0.3 Length of stem 7.5 cms. (Max.) Diameter of bulb 2.1 cms. ± 0.1 Diameter of stem 0.4 cms.
2.4 C	Calibration temp.	27 ⁰ C
2.5 C	Packing	Lactometer shall be supplied duly packed in HDPE/good quality card Board cases packed 12 pieces in each Box.

3.0 SPECIFICATION FOR BUTYROMETER SHAKING STAND (WOODEN)**(A)**

S.No.	Particulars	Specification Norms
3.1	Material	Shaking stand shall be made of good quality wood and shall have good finish.
3.2	Dimensions	Top length 45 cms, Middle length 45 cms having grooves for the bottom portions of butyrometers Depth – 0.5 cms. 24 holes of 2.7 cms diameter in the top and middle layer. Shaking stands shall have 12 G.I. pieces fixed on the corners with the help of nails so as to make the stand sturdy Width of the stand shall be 8.5 cms, the gap between two rows shall be 1.0 cms. Total height – 20 cms. Thickness – 1.3 cms. Uniform.

(B) Plastic Shaking Stand for Butyrometer

Particulars	Specification Norms
Material	Virgin Quality HDPE
Row	Three (for 24 holes in upper & middle plate, hole dia 2.6cm)
Hole	Eight in each Row (8X3 with cover)
Weight	550 +-50gm
Dimensions	Length 295mm Width 110mm Height 165mm with cover

(C) Small Plastic Shaking Stand for Butyrometer

Particulars	Specification Norms
Material	Virgin Quality HDPE
Row	Two (for 12 holes in upper & middle plate, hole dia 2.6cm)
Hole	Six in each Row (6X2 with cover)
Weight	300 +-5%
Dimensions	Length 232mm Width 85mm Height 160mm with cover

Remark : Tenderer should send sample along with offer

SIGNATURE OF TENDERER

4.0 SPECIFICATION FOR COLLECTION TRAYS :

S.No.	Particulars	Specification Norms
4.1	Material	Milk collection trays shall be made of B-304,S.Steel only
4.2	Dimension	24"L x 18" W x 2.5" H one hole in high side 2" without let.
4.3	Total weight	Min. Wt.-2 Kgs + 5 %
4.2	Spout diameter & length	Length 15 cms Diameter 4 cms \pm 1 mm
4.5	Packing	Milk collection trays shall be supplied in bundles of 20 trays duly wrapped in gunny bags. These gunny bags shall be further encased in wooden Box.
4.6	Embossing	Every tray shall be embossed with ISDS letters & manufacturer's name in short and month/year.

5.0 SPECIFICATION FOR MILK STRAINER BOWL

S.No.	Particulars	Specification Norms
5.1	Material	Strainer shall be made of best quality Alluminium sheet having 0.8 mm thickness throughout
5.2	Weight of strainer (without guage)	250 g \pm 10g
5.3	Outer diameter	33.0 to 33.5 cms.
5.4	Total height	17.5 to 18.0 cms.
5.5	Others	A loop shall be provided for hanging.

6.0 SPECIFICATION FOR MILK SIEVE :

S.No.	Particulars	Specification Norms
6.1	Material	Milk Sieve should be made from brass wire mesh of 500 mesh Brass wire mesh should be mounted on Aluminum frame of outer diameter of 12.5 cms having two cross bars at right angle.
6.2	Total weight	Min 20 g \pm 3g
6.3	Packing	Shall be packed in bundles of 50 pieces wrapped in polythene.

7.0 SPECIFICATION FOR BRUSHES : Sample bottle brush (75 ml)

S.No.	Particulars	Specification Norms
7.1	Weight of Brush	3 gram (Min)
7.2	Diameter of brush for hair	5.0 cms (throughout)
7.3	Hairing of brush	8.5 \pm 0.5 cm.
7.4	Total length of brush including loop type handle	20 \pm 2 cm. Note : Sample be given with offer by Tenderer. If the length & dia of hairing (Bristes) are found unproportionate deduction shall made or may be rejected.

SIGNATURE OF TENDERER

8.0 SPECIFICATION FOR BUTYRO METER - BRUSH

S.No.	Particulars	Specification Norms
8.1	Weight of Brush	2 gram (Min)
8.2	Total length of Brush	25 cms \pm 2 cms.
8.3	Upto 2.0 cms. Brush diameters	2 cms.
8.4	From 2.0 cms to 11.5 brush diameter (brush hair)	1.0 cms
8.5	After 11.5 cms to 19.0cm brush diameter	3 cms upto 19.0 cms. From 19.0 to 25 cms without hair. Note : Sample piece should be provided at the time of opening of tender. If the length & dia of hairing (Bristes) are found unproportionate deduction shall made or may be rejected.

9.0 SPECIFICATION FOR PIPETTE BRUSHES(10.75 ML)

S.No.	Particulars	Specification Norms
9.1	Weight of Brush	5 gram (Min)
9.2	Total length of Brush	41 cm \pm 2cms
9.3	Hairing length	10 cm (upto 1st 2 cm, Tapered type haring)
9.4	Diameter of brush	2.5 cm Note: Sample piece should be provided at the time of opening of tender If the length & dia of hairing (Bristes) are found unproportionate deduction shall made or may be rejected.

10.0 SPECIFICATION FOR ALLUMINIUM BHAGONA FOR DCS :

S.No.	Particulars	Specification Norms
10.1	Material	Made of best quality alluminium
10.2	Weight	1.275 to 1.300 Kgs.
10.3	Height	18.5 to 19.0 cms
10.4	Total Capacity (Upto brim)	17 Ltrs water

11.0 SPECIFICATION OF ALLUMINIUM LACTOMETER JAR FOR ZEAL TYPE LACTOMETER :

S.No.	Particulars	Specification Norms
11.1	Material	Jar should be made from the best quality alluminium sheet
11.2	Dimension	Height 135 mm \pm 2 mm Inner dia 26mm \pm 1 mm Outer dia 32 mm \pm 2 mm
11.3	Thickness of sheet	1.5 mm
11.4	Weight	Min. 45g \pm 3g
11.5	Leakage	Jar should not show leakage from the joint of Cylinder and its base.
11.6	Other requirement	Jar Should Stand straight at its uniform circular base.

SIGNATURE OF TENDERER

12.0 SPECIFICATION FOR MILK SAMPLE BOTTLE STAND (Aluminium)

S.No.	Particulars	Specification Norms
12.1	Material for construction	Stand shall be made of allu. Sheet
12.2	Thickness in mm	Min 0.6 mm \pm 0.1
12.3	No. of holes	24 in 3 rows of 44 mm diameter
12.4	Dimension	446 \pm 1 mm (length) 166 \pm 1 mm (width) 046 \pm 1 mm (height)
12.5	Total weight	250 grm min. allu.
12.6	Riveting	Shall be done with allu. Rivets
12.7	Packing	Stands shall be supplied in bundles of 50 stands duly packed in wooden case.

B. Specification for Milk sample Bottle stand (Steel)

Material	Good quality steel Sheet
Total Wt	625 g (Min)
Dimension	445 \pm 1mm length 175 \pm 1mm width 45 \pm 1mm Height
No. Of Hole	24nos three row of 44mm diameter

13.0 SPECIFICATION FOR DROPPING BOTTLES FOR DCS :

S.No.	Particulars	Specification Norms
13.1	Material	Made of HDPE Polythene in white colour (Pigmented)
13.2	Weight of bottle	30 to 35g
13.3	Capacity	250 ml
13.4	Delivery tube	Length 26 to 27 cms Outer Dia 0.5 cm. Note : Delivery tube be provided with nozzle

14.0 SPECIFICATION FOR PLASTIC FUNNEL :

S.No.	Particulars	Specification Norms
14.1	Material	Made of HDPE in white colour (Pigmented) & free from all visible defects
14.2	Total height	16.5 cms
14.3	Outer diameter	15 cms.
14.4	Holding tab.	Width 2.7 cms with hold in center Length of the tab 3 cms.

SIGNATURE OF TENDERER

15.0 : SPECIFICATION FOR MILK BUTYROMETER :IS 1223 (Sec 1)

S.No.	Particulars	Specification Norms
15.1	Material	Milk Butyrometer should be of IS:1223 marked made up of Class-1 Borosil glass. Butyrometer should be marked individual identification numbered.
15.2	Length of Scale in mm	75 mm min.
15.3	Graduation least count	0.1%
15.4	Graduations of intermediate length at each percent	0.5
15.5	Numbered at each percent	1.0
15.6	Size of Bulb	Uniform as specified in BIS Specification.
15.7	Error percentage/ Accuracy	± 0.05
15.8	Cap. Of body in ml.	$22.5 \pm .5\text{ml}$
15.9	Qty. of material tested	10.75 ml.
15.10	Printing	Permanent graduation non fading silver screen printed.
15.11	Other requirement	Item should bear BIS mark. Supplier should provide copy of BIS License with offer. Supplier should submit accuracy certificate from competent laboratory. Sample piece should be provided at the time of opening of tender

Should be as per IS : 1223 (Section -1)

Note : Item should bear BIS certification mark with CML No. Tenderer should submit copy of the BIS License obtained by them with offer. Sample piece should be provided at the time of opening of tender for all ISI Marked Items.

SIGNATURE OF TENDERER

16.0 SPECIFICATION FOR MILK PIPETTE : IS : 1223 (Section 3)

S.No.	Particulars	Specification Norms
16.1	Material	IS marked (IS 1223) Class-1 Borosil glass
16.2	Total Length	360 \pm 20mm
16.3	Length of suction tube	180 \pm 5 mm
16.4	Length of delivery tube	100 \pm 10 mm
16.5	Length of tapered portion of Delivery tube from jet	20 \pm 5mm
16.6	Distance of graduation mark from the top of suction tube	125 \pm 3 mm
16.7	Distance between the graduation mark & tube	25mm
16.8	External diameter of suction tube	6.5 \pm 0.5 mm
16.9	Internal diameter of suction tube	4.5 \pm 0.5 mm
16.10	External diameter of the main bulb	15.5 \pm 1.0 mm
16.11	Length of main bulb	60 \pm 10 mm
16.12	Wall thickness (min)	1.0 mm
16.13	Milk pipette capacity	10.75 \pm 0.03ml

Note : Item should bear BIS certification mark with CML No. Tenderer should submit copy of the BIS License obtained by them with offer. Sample piece should be provided at the time of opening of tender for all ISI Marked Items.

17.1 SPECIFICATION FOR 10 – ML ACID GLASS TILT MEASURES :IS 1223 (Sec 5)

S.No.	Particulars	Specification Norms
17.1.1	Material	Made of good quality glass which should be annealed and free from cracks and other visible defects.
17.1.2	Capacity	10 ml \pm 0.05 ml
17.1.3	Jet	Should be tapered
17.1.4	Rubber cork	Rubber cork size should be suitable to fit in the bottle of 2.7 cm. inner diameter of mouth

Note : Item should bear BIS certification mark with CML No. Tenderer should submit copy of the BIS License obtained by them with offer. Sample piece should be provided at the time of opening of tender for all ISI Marked Items.

17.2 SPECIFICATION FOR 10 – ML ACID PLASTIC TILT MEASURES :

S.No.	Particulars	Specification Norms
17.2.1	Material	Made of good quality plastic which should be annealed and free from cracks and other visible defects.
17.2.2	Capacity	10 ml \pm 0.05 ml
17.2.3	Jet	Should be tapered
17.2.4	Rubber cork	Rubber cork size should be suitable to fit in the bottle of 2.7 cm. inner diameter of mouth

SIGNATURE OF TENDERER

18.1 SPECIFICATION FOR ALCOHOL GLASS TILT MEASURES 1 ML:IS:1223 (Sec. 5)

S.No.	Particulars	Specification Norms
18.1.1	Material	Made of good quality glass Which should be annealed and free from all visible defects, cracks etc.
18.1.2	Capacity	1.0 ± 0.05ml.
18.1.3	Jet	Should be tapered
18.1.4	Rubber Cork	Rubber Cork size should be suitable to fit in the bottle of 2.7 cms inner diameter mouth.

Note : Item should bear BIS certification mark with CML No. Tenderer should submit copy of the BIS License obtained by them with offer. Sample piece should be provided at the time of opening of tender for all ISI Marked Items.

Sample piece should be provided at the time of opening of tender

18.2 SPECIFICATION FOR ALCOHOL PLASTIC TILT MEASURES 1 ML:

S.No.	Particulars	Specification Norms
18.2.1	Material	Made of good quality plastic Which should be annealed and free from all visible defects, cracks etc.
18.2.2	Capacity	2.0 ± 0.05ml.
18.2.3	Jet	Should be tapered
18.2.4	Rubber Cork	Rubber Cork size should be suitable to fit in the bottle of 2.7 cms inner diameter mouth.

19.0 SPECIFICATION FOR ACID BOTTLES :

S.No.	Particulars	Specification Norms
19.1	Material	Made of best quality glass which should be colourless, clear and free from blisters and other defects.
19.2	Thickness of glass	Uniform throughout the wall of bottle
19.3	Weight	415 g
19.4	Inner dia of mouth	2.7 cms
19.5	Height	20.5 cms
19.6	Capacity	500 ml

20.0 SPECIFICATION FOR ALCOHOL BOTTLE :

S.No.	Particulars	Specification Norms
20.1	Material	Made of best quality glass which should be colorless, clear and free from blisters and other defects.
20.2	Thickness	Thickness of the glass should be uniform throughout the wall bottle.
20.3	Capacity	200 ml
20.4	Inner dia of mouth	2.7 cms
20.5	Total height of bottle	15 cms

SIGNATURE OF TENDERER

21.0 SPECIFICATION FOR LOCK STOPPER IS : 1223 (Section 2)

S.No	Particulars	Specification/norms
21.1	Material	Lock stopper should be of IS 1223 (Part 1) marked and made from acid resistant soft rubber having 38 ± 5 international rubber hardness degree
21.2	Dimension	7 mm dia (ball of metal /glass/plastic)
21.3	Length	22 mm
21.4	Head of Lock stopper	Made of brass

Note : Item should bear BIS certification mark with CML No. Tenderer should submit copy of the BIS License obtained by them with offer. Sample piece should be provided at the time of opening of tender for all ISI Marked Items.

22.0 : SPECIFICATION FOR LOCK STOPPER KEY :

S No	Particulars	Specification/Norm
22.1	Make	Lock Stopper Key should be made as per IS : 1223 (Part I) Standard with best quality aluminium.
22.2	Dimension	Total length 45 mm, Diameter of metal rod 5.0 mm, Metal disc suitable for press lock- Stopper

23.0 SPECIFICATION FOR THERMOMETERS : Alcohol filled.

S. No.	Particulars	Specification Norms
23.1	Type	Thermometer shall be of Alcohol filled in glass
23.2	Stem	The stem shall be of suitable glass with an enamel back extending over the graduated portion.
23.3	Bulb	Bulb shall be cylindrical and in alignment with the stem. Its diameter shall not greater than that of the stem and suitable for the range of -10^0 C to 110^0 C
23.4	Range	-10^0 C to 110^0 C, Least count of 1/2 division equal to 0.5^0 C with $\pm 0.5^0$ C accuracy.
23.5	Annealing	The thermometer shall be suitably annealed before it is graduated.
23.6	Graduation & figuring	The graduation lines shall be clearly etched & of uniform thickness. The lines shall be in planes at right angles to the axis of thermo meters.
23.7	Marking	The thermometer shall have permanently & legibly marked.
23.8	Accuracy	Correction at any point should not exceed $\pm 0.5^0$ C. More then $\pm 0.5^0$ C variation thermometers will be rejected.

SIGNATURE OF TENDERER

24.0 SPECIFICATION FOR 35 LTRS. JERRY CANS :

S.No.	Particulars	Specification Norms
24.1	Construction	Heavy duty Jerry cans in natural colour made out of virgin high density polythene stackable type with inner lid cap and outer screw cap. And sealing arrangement suitable for filling Sulphuric Acid.
24.2	Weight	2 Kg \pm 5% (i.e. 1.900 to 2.100 Kgs.)
24.3	Dimensions	Height 48 cms, Breadth – 36 cms. Thickness (Depth) 24 cms. (min.)
24.4	Mouth diameter	Outer diameter 50 mm, Inner dia 47 mm
24.5	Capacity	35 Ltrs. Of sulphuric Acid of 1.84 specific gravity
24.6	Drop Test	Should pass test (height of 4 feet)

Remarks :

- The Jerry Cans shall be supplied in bundles of 20 Cans duly wrapped with Polythene Covers.
- Jerry Cans shall be of even thickness throughout and free from cracks, scratches and pin holes otherwise consignment would be liable for rejection.
- The jerry cans shall bear the name of the manufactures traders name, month and year of manufacture alongwith the batch number otherwise penalty shall be imposed.

25.0 : SPECIFICATION FOR 5 LTR JERRY CANS :

S.No.	Particulars	Specification Norms
25.1	Construction	Heavy duty Jerry Cans in natural colour made out of virgin high density polythene stackable type with inner lid cap and outer screw cap and sealing arrangement suitable for filling Amyl Alcohol.
25.2	Weight	400g \pm 10 g
25.3	Dimension	Height 24.5 cms. Breadth 18 cm Thickness (Depth) 13 cms.
25.4	Diameter mouth	Outer 3.4 cm : Inner 3.1 cm.
25.5	Drop Test	Should pass test (Height of 4 feet)

REMARKS : The Jerry cans shall be supplied in bundles of 20 Cans duly wrapped with polythene Covers. Jerry Cans shall be of even thickness throughout and free from cracks, scratches and pin holes otherwise consignment would be liable for rejection. The jerry cans shall bear the name of the manufactures traders name, month and year of manufacture alongwith the batch number otherwise penalty shall be imposed

SIGNATURE OF TENDERER

26.0 SPECIFICATION FOR 2 LTRS. JERRY CANS :

S.No.	Particulars	Specification Norms
26.1	Construction	Heavy duty Jerry Cans in natural colour made out of virgin high density polythene with inner lid cap and outer screw cap
26.2	Weight	200 g + 5 g
26.3	Dimensions	Height 23 cms. Breadth 14.5 cms. Thickness 8.0 cms (Depth)
26.4	Diameter Mouth	Outer 2.6 cm. Inner 2.3 cms.
26.5	Drop Test	Should pass test (Height of 4 feet)

REMARKS :

- The Jerry Cans shall be supplied in bundles of 20 Cans duly wrapped with
- Polythene Covers. Jerry Cans shall be of even thickness throughout and free from cracks, scratches and pin holes otherwise consignment would be liable for rejection. The jerry cans shall bear the name of the manufacturer's name, month and year of manufacture along with the batch number otherwise penalty shall be imposed.

27.0 HANDLE FOR MILK CANS ALUMINIUM:

S.No.	Particulars	Specification Norms
27.1	Dimension Outside width	135 mm
27.2	Height	70 mm
27.3	Thickness	15 mm
Handle should be properly bent with chamfered ends which ensure firm grip.		

Should confirm all parameters of IS:1825-1983

28.0 SPECIFICATION FOR BOTTOM RING OF MILK CANS

S.No.	Particulars	Specification Norms
Material & Dimension		As per IS:1825-1983
28.1	Outer diameter	360 mm
28.2	Inner	340 mm
28.3	Outer height of ring	55 mm
28.4	Inner height of ring	24 mm
28.5	Holes in ring	6 Nos.
28.6	Weight of ring	910 ± g

SIGNATURE OF TENDERER

29.0 SPECIFICATIN FOR 10 LTRS. JERRY CANS :

S.No.	Particulars	Specification Norms
29.1	Construction	Heavy duty Jerry cans in natural colour made out of virgin high density polythene stackable type with inner lid cap and outer screw cap. And sealing arrangement suitable for filling Sulphuric Acid
29.2	Weight	600g \pm 5 %
29.3	Dimensions	34 x 27 x 18 Cm
29.4	Mouth Diameter	Outer 46 mm inner 40 mm
29.5	Capacity	10 Ltrs. Of Sulphuric Acid of 1.84 Specific gravity.
29.6	Drop Test	Should pass the test (Height of 4 feet)

30. SPECIFICATION FOR PLASTIC SAMPLE BOTTLES (75ML -85ML)

S.No.	Particulars	Specification-Norms
30.1	Material	Made formed HDPE white pigmented Granules(Virgin)
30.2	Capacity	90 – 95 ml
30.3	Outer diameter of mouth	2.9 +0.1cm
30.4	Diameter of the body	40mm
30.5	Average wt. of empty bottle (Without cap)	8.0 g \pm 0.5 g
30.6	Length of bottle (Total with lid neck)	11.0cm \pm 2mm
30.7	Weight of lid	2.0 g press fix type lid without threading

31. SPECIFICATION FOR PIPETE STAND - VIRGIN

S.No.	Particulars	Specification-Norms
31.1	Material	Virgin HDPE in white colour (Pigmented) horizontal folding type.
31.2	Capacity	12 Pipette Holding
31.3	Weight	100 \pm 5 gm

32. SPECIFICATION FOR S.S MEASURING SET

S.No.	Particulars	Specification Norms
32.1	Material	The measuring set shall be made of Stainless Steel AISI-304 grade sheet of 18 gauge (1.02mm) thickness through with measures and handle
32.2	Set of measuring volume	a)1000ml b)500ml c)200ml d)100ml
32.3	Length of hanndle	a)1000ml -22 cm \pm 1 cm b)500ml -22 cm \pm 1 cm c)200ml -15 cm \pm 1 cm d)100ml -15 cm \pm 1 cm
32.4	Accuracy	Certified as per the requirement of weight & measure act.

SIGNATURE OF TENDERER

33. Centrifugal Machine Complete IS : 1223-2001

Centrifugal Machine	1.Hand driven, ISI mark suitable for 24 test /ASHA/Sonu/Laksmi/Sanraj/Limmco make 2.Electrical, ISI mark suitable for 24 test /ASHA/Sonu/Laksmi/Sanraj/Limmco make
Other Requirement	Electric driven centrifuge shall be equipped with devices designed to ensure that it cannot be started until doors covers, lids and/or guards have been closed and secured and that access cannot subsequently be gained until linear and rotational motion have ceased. Centrifuge shall be provided with a speed control and an over speed prevention device. For speed control, where a centrifuge is fitted with a friction brake, an interlock shall be provided to prevent the centrifuge from being set in motion until the brake is released. The application of any such brakes shall automatically isolate the main drive mechanism. 255 Radius

34. Milk Plunger

Milk Plunger	S.S. Base plate dia 150mm with 6 holes of 1.3mm dia , base plate thickness 0.80mm
	Handle :- S.S., 75cm Long, 7 mm thick rod (B-304,S. Steel) with S.S vishers 02 nos at lower threaded end to fix base plate with S.S. nut to the rod . A suitable loop handle should be provided.

35. Milk Sampler

Milk sampler	Handle Rod (Wire) thickness : 3.5mm, Cup thickness : 0.60mm, cup capacity : 50ml Handle length : 40cm, Weight of sampler : 150 g Material (SS- B-304)
--------------	--

36. Digital Thermometer Specification

Sr no	Particulars	Specification Norms
36.1	LCD	Digital thermometer with ON/OFF switch
36.2	Display	0.1 [°] c
36.3	Accuracy	± 0.1 [°] c
36.4	Calibration temp.	-50 [°] c to +110 [°] c
36.5	Packing	Attractive transparent plastic tube Packing for safety & handling
36.6	Battery	AG13, 1.5V
36.7	Probe	External sensing probe with cable / without cable
36.8	Temp. resolution	0.1 [°] c
36.9	Survey Cycle	10 Sec
36.10	Material	Non breakable plastic
36.11	Power	Battery 1 X 1.5V AAA Size or equivalent
36.12	Other	Alarm beep sound at high & Low temp. limit Data hold/ Test function selectable

**INDORE SAHAKARI DUGDHA SANGH MARYADIT
CHANDA TALAWALI, MANGLIA INDORE 453 771**



As ISO 9001 : 2000 Certified Organization Plant

E-Mail : agmpurids@gmail.com / sanchimsids@gmail.com

Phone : 0731 – 2811162 Fax : 2811559

SCHEDULE – III

(To be submitted along with the offer)

Form – A

Chief Executive Officer
ISDSM,
Indore

Date :

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) : _____
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. BIS certificate bearing CML No. _____
for the ISI marked Butyrometers, Milk Pipettes long stem,
Lactometers, Lock Stoppers and Glass tilt measures (Enclose Copy)

SIGNATURE OF TENDERER

12. Have your Co./Unit or its sister concern ever been black listed/ debarred by ISDSM or its sister Milk Unions or GOI /GOMP & its undertaking ? YES / NO
13. 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**

SIGNATURE OF TENDERER

SCHEDULE – IV

S.No.	Item	Requirement (approx.)	EMD Required	Unit Rate F.O.R Dairy inclusive of taxes & levies
1	Centrifugal Gerber Machine Discs and Spares			
1.1	Top	350	Rs. 4500	
1.2	Bottom	350	Rs. 4500	
1.3	Gear Wheel	150	Rs. 200	
1.4	Warm Spindle	30	Rs. 50	
1.5	Handle	30	Rs. 50	
1.6	Ball Bearing	30	Rs. 50	
2.	Centrifugal Machine			
2.1	Complete ISI(manual operated)	200	Rs. 2000	
2.2	Complete ISI(electrically operated)	200	Rs. 2000	
3.	Lacto Meter			
3.1	ZEAL Type \pm 0.5 Accuracy Short Stem (ISI Marked optional)	5000	Rs. 8000	
3.2	ZEAL Type \pm 1.0 Accuracy Short Stem (ISI Marked optional)	5000	Rs. 6000	
3.3	\pm 0.5 Accuracy Long Stem (ISI Marked)	2000	Rs. 5500	
3.4	\pm 0.25 Accuracy Long Stem (ISI Marked)	2000	Rs. 12000	
4	Milk Sampler SS	400	Rs. 200	
5.	Milk Plunger SS	100	Rs. 250	
6.	Butyrometer Shaking Stand			
6.1	Wooden	500	Rs. 750	
6.2	Plastic with 3 row	500	Rs. 750	
6.3	Plastic with 2 row	500	Rs. 750	
7.	Milk Collection Tray SS	100	Rs. 500	
8.	Plastic Sample Bottle	25000	Rs. 1750	
9.	Milk Strainer BOWL	200	Rs. 500	
10.	Milk Sieve Brass	5000	Rs. 2000	
11.	Sample Bottle Brush	5000	Rs. 200	
12.	Butyrometer Brush	25000	Rs. 750	
13.	Pipette Brush	10000	Rs. 300	
14.	Aluminium Bhagona 17 Ltr. Capacity	100	Rs. 500	
15.	Lactometer Jar Aluminum	200	Rs. 200	
16.	Sample Bottle Stand			

SIGNATURE OF TENDERER

16.1	Aluminium	100	Rs. 250	
16.2	S.S	100	Rs. 250	
17	Plastic Funnel	100	Rs. 100	
18	Dropping Bottles Plastic	100	Rs. 100	
19	Butyrometer ISI marked	20000	Rs. 8500	
20	Milk Pipette	5000	Rs. 1500	
21	Acid Tilt Measure			
21.1	Glass	1500	Rs. 250	
21.2	Plastic	1500	Rs. 250	
22	Alcohol Tilt Measure			
22.1	Glass	1000	Rs. 200	
22.2	Plastic	1000	Rs. 200	
23	Acid Bottle	1000	Rs. 500	
24	Alcohol Bottle	1000	Rs. 200	
25	Lock Stopper ISI mark	5000	Rs. 500	
26	Lock Stopper Key Alu	1000	Rs. 200	
27	Alcohol Thermometer	2500	Rs. 2000	
28	Plastic Jerry Can			
28.1	35 Ltr. Capacity	500	Rs. 2000	
28.2	10 Ltr Capacity	500	Rs.1000	
28.3	5 Ltr Capacity	500	Rs. 1000	
28.4	2 Ltr. Capacity	200	Rs. 500	
29	Alu. Handle for Milk Cans	100	Rs. 100	
30	Bottom Ring for Alu. Milk Cans	100	Rs. 500	
31	Litre Measure Sets SS-304 (1000, 500, 200 & 100 ml set)	100 Sets	Rs. 750	
32	Pipette Stand Virgin PP	2500	Rs. 2000	
33	Digital Thermometer	500	Rs. 5000	

Note :

1. Tenderers are required to submit a copy of their valid ISI License otherwise their rates will not be considered.
2. Requirement shown above is tentative and it can be increased or decreased depending upon situation prevails at the time of processing P.O.

SIGNATURE OF THE TENDERER.

SIGNATURE OF TENDERER

ई.एम.डी. राशि जमा / छूट प्राप्त करने हेतु आवेदन

मेरे द्वारा इन्दौर दुग्ध संघ द्वारा जारी ई-निविदा (Dairy related various Dairy/DCS Testing Equipments संबंधी निविदा) अनुसार

.....

.....

.....

.....

.....

.....

(सामग्रीयों के नाम लिखें) हेतु दरें प्रस्तुत की गई है, जिसकी ई.एम.डी. राशि रु.
(जिन सामग्रीयों हेतु दरें प्रस्तुत की जा रही है, उनके सम्मुख टंकित ई.एम.डी. राशि को जोड़कर लिखें)
मेरे द्वारा आनलाईन जमा की जा रही है। शेष सामग्रीयों की ई.एम.डी. राशि रु.(कुल ई.
एम.डी. राशि में से निविदाकार द्वारा जमा की गई राशि को घटाकर लिखें) की छूट प्रदान करने का
कष्ट करें।

हस्ताक्षर _____

नाम :- _____

स्थायी पता :- _____

मोबाईल नं _____

ई-मेल नं. _____