



# उज्जैन सहकारी दुग्ध संघ मर्यादित

मक्सी रोड, उज्जैन 456010 (म.प्र.)

वर्ष 2024–25 डीसीएस मिल्क टेस्टिंग मटेरियल हेतु  
ऑनलाईन ई– निविदा

उज्जैन सहकारी दुग्ध संघ मर्यादित

मक्सी रोड उज्जैन – 456010 (म.प्र.)

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पष्ठ क्रमांक 01 से 26 तक



**UJJAIN SAHAKARI DUGDH SANGH MARYADIT**  
MAKSI ROAD UJJAIN

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

Ref No: USDS/PUR/2024/

Date: 04-03-2024

**E-TENDER NOTICE**

Ujjain Sahakari Dugdh Sangh Invites online e-tenders from the manufacturers/ Authorised Dealer Distributor Suppliers of company for the supply of **DCS MATERIAL** for the year 2024-25 The tender notice, tender documents, containing the terms and conditions can be purchased online & downloaded through following website <https://www.mptenders.gov.in> from 05-03-2024, 01:00PM . The tender will be submitted upto 26-03-2024 at 1:00 PM. The tender Technical bid will be opened on 27-03-2024 at 2:00 PM. The detailed Tender Form can be seen (only for reference) at our H.O website: [www.sanchidairy.com](http://www.sanchidairy.com) . Any amendments in tenders will be published on news paper only.

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 Corrigendum/Amendment if any to this publication would appear only on the above mentioned websites and will not be published else where.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



# UJJAIN SAHAKARI DUGDH SANGH MARYADIT

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

RefNo: USDS/PUR/2024/

Date: 04-03-2024

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 DCS MATERIAL FOR THE YEAR 2024-25**

### **TENDER DOCUMENT**

Schedule I	:	General Terms & Conditions.
Schedule-II	:	Specifications
Schedule III	:	Form A
Schedule IV	:	Price Schedule
Schedule V	:	Purchase Agreement
Tender Cost	:	Rs.500/- (Rupees five hundred only)
EMD	:	Rs.50000/-
Tender Document Download/Sale Start Date	:	05-03-2024 01:00PM Onwards Tender
Document Download/Sale End Date	:	26-03-2024 Time 01:00 PM
Bid Submission Start Date	:	05-03-2024 Time 01:00 PM
Bid Submission End Date	:	26-03-2024 Time 01:00 PM
Bid Opening Date	:	27-03-2024 Time 02:00 PM
Place of opening of Tender	:	Office of the UJJAIN Sahakari Dugdha Sangh Maryadit, UJJAIN.
Address for Communication	:	The CEO, UJJAIN Sahakari Dugdha Sangh Maryadit , Maski Road , UJJAIN 456010

**CHIEF EXECUTIVE OFFICER**

## SCHEDULE - I

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

UJJAIN Sahakari Dugdha Sangh invites online e-tenders (Two Bid System) from the manufacturers/ Authorised Suppliers of company for the supply of DCS Material for the year 2024-25, strictly in adherence to the detailed specifications given in the schedule II of the tender documents.

CEO UJJAIN Sahakari Dugdha Sangh Mydt., UJJAIN 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 TENDER SUBMISSION:**

- 2.0 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)
- 2.1 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, UJJAIN Sahakari Dugdha Sangh Mydt, UJJAIN and correspondence thereafter will be made at the changed address.
- 2.2 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.
- 2.3 The acceptance of the tender and award of the purchase order will be the sole right of the Chief Executive Officer, UJJAIN Sah. Dugdha Sangh Mydt. UJJAIN 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.
- 2.4 As the commodity is so vital in nature, the Chief Executive Officer, USDS 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.
- 2.5 Each tender should be accompanied with copy of PAN, Income Tax Return of the two financial years 2020-21 and 2021-22, 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).
- 2.6 The Tenderers should submit the tender rates online in the Schedule IV only. The conditional tenders are liable to be rejected.
- 2.7 No person or firm is permitted to submit more than one tender under different names.
- 2.8 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, USDS during the supply.
- 2.9 Tenderer shall fill all the details of the unit in the enclosed form- A in schedule-III. (copy to be uploaded – mandatory).
- 2.10 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 UJJAIN Sahakari Dugdha Sangh Maryadit, UJJAIN.

#### **3.0 EARNEST MONEY DEPOSIT:**

- 3.1 All the tenderers are required to deposit Earnest Money Rs.50000.00 online 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 bidders 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.

**3.3** No interest will be paid on the earnest money for the period during which (the EMD) lying in deposit with UJJAIN 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 UJJAIN 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 and free from all escalations 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 UJJAIN basis.

**4.4** The tender should quote rates and GST Extra.

**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 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 approval of 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 PRINTING:**

Printing work on each & every items should be printed as per USDS approved Artwork.

a) The Barcode printing found unreadable then entire supply will be rejected.

b) For the first time the bidder shall bear the cylinder manufacturing cost / expences.

**7.0 ACCEPTANCE / PENALTY**

**7.1** Material must be supplied as per specification of USDS UJJAIN.

If item's quality found lesser than as specified in tender specification then a pro-rata deduction as per CEO Approval will be made in an emergency used otherwise the whole consignment shall be rejected.

In condition, if any consignment happens to declared as rejected, the supplier should have to visit USDS to Know the causes for his own satisfaction.

**7.2** The rejected material shall not be return to the supplier. To avoid any misuse of rejected material it shall be destroyed within a stipulated time of not more than 1 month, in presence of supplier at supplier cost and no payment shall be made for the rejected material.

**8.0 LIQUIDATED DAMAGES:**

**8.1** 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.

**8.2** 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.

**8.3** If the qualified tenderer fails to make supply of the materials within required time/as per specification/material quality printing as per USDS approved art work, USDS UJJAIN 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 USDS 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.

**9.0 INSURANCE:**

Insurance is to be arranged by the tenderer.

**10 INSPECTION:**

**10.0** 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 USDS UJJAIN the consignment will be rejected shall not be returned. 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 and destroyed in his presence. If the supplier doesn't attend this office on time then the material will be destroyed by USDS. No payment shall be made against the rejected materials.

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

**10.2** Bidders has to submit their customers list along with the performance report of consignee is compulsory. (copy to be uploaded – mandatory).

**11 PAYMENT:**

Our normal terms 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 RTGS.

**12 TERMINATION OF CONTRACT:**

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

**13 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, UJJAIN 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 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, UJJAIN Sah Dugdha Sangh Mydt., in this respect will be final and binding on the successful tenderer.
- 14.2 For all matters of dispute, the decision of the M.D., M.P.C.D.F. Under Arbitration and Conciliation Act. 1996 shall be final and binding on all the concerned.
- 14.3 For all disputes, the venue for legal course shall be at UJJAIN.
- 14.4 If the tender opening date become any govt. holiday then the next day may considered for tender opening.

**15 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.

*Chief Executive Officer*

*UJJAIN Sahakari Dugdha Sangh Mydt. UJJAIN*

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## SCHEDULE – II

### 01- Specification for lactometer Zeal Type $\pm 0.5$ Accuracy Short Stem (ISI Mark Optional)

Particulars.	Specificaton Norms	
01	Material	Lactometer shall be made from class 1 or equivalent borosil glass and it should be free from visible dafects. Lactometer should be marked individual identification number.
02	Graduation	0 to 40 with 1 division accuracy $\pm 0.5$ CLR
03	Dimension	Length of Bulb 9.0 cms $\pm 0.3$ Length of stem 8.0 cms. (Max) Diameter of bulb 1.6 cms $\pm 0.1$ Diameter os stem 0.4 cms.
04	Calibration temp.	$29^{\circ}$ C ( $84^{\circ}$ F)
05	Packing	Lactometer shall be supplied duly packed in HDPE/ good Quality card Board cases packed 12 pieces in each Box.
06		

**Note :-** More or Less than  $\pm 0.5$  Accuracy Lactometer will be Retainable

### 2- Specification for Long Stem Lactometer $\pm 0.5$ Accuracy ISI Mark.

Particulars.	Specificaton Norms	
01	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.
02		20 to 35 with $\frac{1}{2}$ division accuracy $\pm 0.5$ CLR
03	Dimension	Length of Bulb 11.5 cms $\pm 0.3$ Length of stem 7.5 cms. (Max) Diameter of bulb 2.1 cms $\pm 0.1$ Diameter os stem 0.4 cms.
04	Calibration temp.	$27^{\circ}$ C
05	Packing	Lactometer shall be supplied duly packed in HDPE/ good Quality card Board cases packed 12 pieces in each Box.



### 3- Specification for Centrifugal Machine

Centrifugal Machine Complete IS	:	1223-2001
Centrifugal Machine	:	Hand driven, ISI Mark Suitable for 24 test solid construction / Asha / Sonu/ Laksmi/ Sanraj/ Limmco make
Centrifugal Machine	:	Electrical, ISI mark Suitable for 24 test solid construction / 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.

### 4 Specification for Butyrometer shaking stand Wooden

Material	:	Shaking stand shall be of good quality wood and shall have good finish.
Dimensions	:	a) Top length 45 cms. Middle length 45 cms. Bottom length 45 cms. Having grooves for the bottom portions of butyrometers. Depth 0.5 cms. b) 24 holes of 2.7 Cms. Diameter in the top and middle. c) The shaking stands shall have 12 G.I. pieces fixed on the corners with the help of nails, so as to make the stand sturdy. d) Width of the stand shall be 8.5 cms. The gap between two rows shall be 1.00 Cms. e) Total height 20 cms.
Thickness	:	Thickness of the wood used shall be 1.3 cms. Uniform.

**NOTE :-** Shaking stand shall be made from wood of mango/babul tree.

## 5 Butyrometer shaking stand (Plastic)

- Material : Shaking stands shall be made of good quality plastic and Shall have good finish
- Dimensions : Top length 29 cm  
Middle length 29 cms.  
Bottom length 29 cms. Having grooves for the bottom portions of butyrometers. Depth 0.5 Cms.  
b) 24 holes of 2.7 Cms. Diameter in the top and middle.  
c) Width of the Stand shall be 11.5 Cms.  
d) Shaking Stand should have cover of 30 cms long and 12.5 cms width fixed on the corner with the help of key screws. e) Total height 16 cms.

## 6 Milk Butyrometer : iS 1223 (Sec 1)

S.N.	Particulars.	Specificaton Norms
01	Material	Milk Butyrometer should be of is ; 1223 marked made up of class 1 Borosil glass bytyrometer should be marked individual identification numbered.
02	Length of scale in mm	75 mm min.
03	Graduation least count	0.1%
04	Graduations of intermediate length at each percent	0.5
05	Numbered at each percent	1.0
06	Size of Bulb	Uniform as specified in BIS specification
07	Error percentate / accuracy	± 0.05
08	Cap of body in ml	22.5± 0.5 ML
09	Qty. of material tested	10.75 ml
10	Printing	Permanent graduation non fading silver screen printed
11	Other Requirment	Item should bear BIS mark supplier should provide capy of BIS license with offer supplier should submit accuracy certificate from competent laboratory. Sample place 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 place should be provided at the time of opening of tender for all ISI Marked Item.		

7 Milk Pipette IS 1223 (Section 3)

S.N.	Particulars.	Specificaton Norms
01	Material	IS Marked (IS 1223) Class 1 Borosil Glass
02	Total Length	360 ± 20 mm
03	Length of suction tube	180± 5 mm
04	Length of delivery tube	100± 10 mm
05	Length of tapered portion of delivery tube from jet	20 ± 5 mm
06	Distance of graduation mark from the top of suction tube	125 ± 3 mm
07	Distance between the graduation mark & tube	25 mm
08	External diameter of suction tube	6.5± 0.5 mm
09	Internal diameter of the main bulb	4.5 ± 5 mm
10	External diameter of the main bulb	15.5 ± 1.0 mm
11	Length of main bulb	60 ± 10 mm
12	Wall thickness (min)	1.0 mm
13	Milk pipette capacity	10.75 ± 0.03 ml
<p>Note :- Item should bear BIS certification mark with CML No Tenderer should submit copy of the BIS License obtained by them with offer. Sample place should be provided at the time of opening o f tender for all ISI Marked items</p>		

8 **10 ML Acid Glass Tilt Measures IS 1223 (Sec 5)**

S.N.	Particulars.	Specificaton Norms
01	Material	Made of good quality glass which should be annealed and ree from cracks and other visible defects.
02	Capacity	10 ml $\pm$ 0.05 mm
03	Jet	Should be tapered
04	Rubber cork	Rubber cork size should be suitable to fit in the bottle of 2.7 cm. inner diameter of mouth
<p>Note :- Item should bear BIS certification mark with CML No Tenderer should submit copy of the BIS License obtanded by them with offer. Sample piece should be provided at the time of opening of tender for all ISI Marked Items.</p>		

9 **10- ML Acid Plastic Tilt Measures:**

S.N.	Particulars.	Specificaton Norms
01	Material	Made of good quality plastic which should be annealed and free from cracks and other visible defects
02	Capacity	10 ml $\pm$ 0.05 ml

10- **Specification BUTROMETER BRUSH:**

<b>Total Length of brush</b>	25 ( $\pm 1$ Cms)
<b>Including lootype</b>	Hairing of brush upto 11.5 cm brush diameter 2 cms after 11.5 to 19.5 cms brush diameter 3 cms
<b>Weight of brush</b>	2 Grams
<b>Other</b>	Sample must be provided at the time of opening of the tender .

11- **SPECIFICATIONS OF PIPETTE BRUSH (10.75 ML.):**

<b>Total length of brush</b>	40 ( $\pm 1$ Cms) (upto first two cms. Tapered Hairing Length 10 cms type hairing)
<b>Dia of Brush</b>	2 cms
<b>Weight of brush</b>	3 grams
<b>Other</b>	The same as point No 2 of the item No 11

12- **SPECIFICATIONS PLASTIC TILT MEASURE 10 ML (ACID):**

<b>Material</b>	Made of good Quality & glass/plastic Which should be annealed free from cracks and other visible defects.
<b>Capacity</b>	10 + 0.05 ML.
<b>JET</b>	Should be tapered
<b>Rubber Cork</b>	Size of cork should be suitable to fit in the bottle of 02 cms. Inner diameter of mouth

13- **SPECIFICATIONS PLASTIC TILT MEASURE 1 ML (ALCOHOL).**

<b>Material</b>	Made of good quality glass/plastic which should be annealed and free from all visible defects cracks etc.
<b>Capacity</b>	1.0 $\pm$ 0.05 ml.
<b>JET</b>	Should be tapered.
<b>Rubber cork size</b>	Cork should be suitable to fit in a bottle of 2 cms. Inner diameter of mouth

14- **SPECIFICATIONS LOCK STOPPER KEY:**

<b>Material</b>	The lock stopper key shall be as per ISI: 1223 (part-1) the lock stopper key made from best quality of aluminum
<b>Dimensions</b>	As per ISI: 1223 (part -1) length 45 mm rod Dia 5.0 mm
<b>Not</b>	Must enclose copy of BIS License alongwith the tender form

15- **SPECIFICATIONS LOCK STOPPERS:**

<b>Material</b>	As per IS 1223
<b>01</b>	The lock stopper shall be made from acid proof soft rubber having 38 + 5 international hardness degree
<b>02</b>	The Lock stopper shall bear the B.I.S. Certification must enclose the copy of B.I.S.
<b>03</b>	License aloth with the tender
<b>Dimension</b>	Bal of metal, Glass or plastic 7 mm dia
<b>Length of lock stopper</b>	22 mm
<b>Head of lock stopper</b>	Made of brass

16- **SPECIFICATION FOR JERRY CANS FOR SULPHURIC ACID:**

<b>Construction</b>	Heavy duty jerry cans in white colour made up of virgin high destiny polythethylene, stackable type with lid, Cap and sealing arrangement. Suitable for filling/storing/transporting acid.
<b>Weight &amp; Capacity</b>	600 gm ±25 gms. For 10 Lit. 1200 gms ± 50 gms. For 20 lit
<b>Mouth Demension</b>	Suitable for filling/emptying sulphuric acid in jerry cans.
<b>Drop Test</b>	When loaded jerry cans. Dropped three times (from the height of 1.5 meters) of the jerry can should not show any sign of breakage/leakage.
<b>Other A</b>	Jerry can shall be of even thickness throughout and free from pin holes.
<b>B</b>	Jerry can shall bear the name of manufacture in short year month for manufacture batch and no near the neck.

17- SPECIFICATION FOR JERRY CANS FOR NITRIC ACID:

<b>Construction</b>	Heavy duty jerry cans in white color made up of virgin high density polyethylene stackable type with lid, cap and sealing arrangement. Suitable for filling / storing /transporting acid.
<b>Weight</b>	300 gms ± 10 gms.
<b>Capacity</b>	50 Liters.
<b>Mouth Dimension</b>	Suitable for filling/emptying jerry cans with strong nitric acid.
<b>Drop Test</b>	When loaded jerry cans dropped three times from the height of 1.5 meters. The jerry cans should not show any sign of breakage/leakage.
<b>Other A</b>	Jerry can shall be of even thickness throughout and free from pin holes.
<b>B</b>	Jerry can shall bear the name of the manufacturer (in short) year and month of manufacture and batch no near the neck.

18- SPECIFICATION FOR JERRY CANS FOR Amyl- Alcohol: 2.5 Lit

<b>Construction</b>	Heavy duty jerry can. In white color made up of virgin high Polyethylene. Stackable type with lid cap suitable for filling /storing/transporting amyl alcohol.
<b>Weight</b>	120 grams. ± 5 grams. 2.5 lit
<b>Capacity</b>	When loaded jerry dropped three times from the height of 1.5 meters. The jerry can should not show any sign of breakage/leakage.
<b>Other A</b>	Jerry Can shall be of even thickness throughout and free from pin holes.
<b>B</b>	Jerry cans shall bear the name of the manufacturer (in short ) Year and month of manufacture and batch near the neck.

19- SPECIFICATION FOR Milk Sampler For D.C.S.

<b>Material</b>	Good quality aluminum
<b>Length of ROD</b>	40 Cms
<b>Toal Length of sampler</b>	4.5 mm
<b>Wt. of sampler</b>	35 gms. Minimum
<b>Having on soput Capacity of sampler</b>	50 ML

20- SPECIFICATION FOR Aluminum milk Plungers

<b>Diameter of the disc</b>	150 mm
<b>Disc (Perforated) With 6 holes.</b>	
<b>Wt. of the disc.</b>	Min 45 Gms.
<b>Length of the rod (including loop type) Handle (from the top)</b>	30 ± 2 inches
<b>Diameter of rod Average wt. of the rod without disc.</b>	Min. 10 mm. Min. 175 gms

21- SPECIFICATION FOR SS304 Milk Plungers

<b>Diameter of the disc</b>	150 mm
<b>Disc (Perforated) With 6 holes.</b>	
<b>Wt. of the disc.</b>	Min 45 Gms.
<b>Length of the rod (including loop type) Handle (from the top)</b>	30 ± 2 inches
<b>Diameter of rod Average wt. of the rod without disc.</b>	Min. 10 mm. Min. 175 gms



22- SPECIFICATION FOR Plastic Sample Bottles.

<b>Materials</b>	Made from the HDPE Granules.
<b>Capacity</b>	100 ML $\pm$ 5 ML
<b>Outer Diameter of mouth</b>	2.7 $\pm$ 1 CM
<b>Diameter of the body</b>	38 $\pm$ 1 mm
<b>Avg.Wt of empty Bottle (without cap)</b>	10.5gm $\pm$ 0.2 gm.
<b>Packing</b>	A the bottle shall be supplied in qunny bags having 500 bottles / gags. B the bottle must bear the name of manufacturer in support at the bottom.
<b>Deduction</b>	Deduction of amount shall be done on following Basis
<b>Wt of bottle</b>	Deduction
<b>9.7 <math>\pm</math>0.6 gms</b>	10%
<b>8.5 <math>\pm</math> 0.5 gms</b>	20%
	Less than 8 gms. Consignment shall be rejected

23- Specificaation for SS 304 Loctometer Jar Small Size

S.No	Particulars	Specification Norms
i	Material	Good quality SS304
ii	Dimension	Height 150 $\pm$ 2 mm Inner Dia 26 $\pm$ 1 mm Outer Dia 32 $\pm$ 2 mm
iii	Thickness of ss	1.2mm
iv	Leakage	Jar should not show leakage from the joint of cylinder and its base.

24- Specificaation for SS 304 Loctometer Jar Big Size

S.No	Particulars	Specification Norms
i	Material	Good quality SS304
ii	Dimension	Height 150 $\pm$ 2 mm Inner Dia 26 $\pm$ 1 mm Outer Dia 32 $\pm$ 2 mm
iii	Thickness of ss	1.2mm
iv	Leakage	Jar should not show leakage from the joint of cylinder and its base.

**25- SPECIFICATION FOR PLASTIC LACTOMETER JAR: Small Size**

<b>S.No</b>	<b>Particulars</b>	<b>Specification Norms</b>
i	Material	Good quality plastic
ii	Dimension	Height $135 \pm 2$ mm Inner Dia $26 \pm 1$ mm Outer Dia $32 \pm 2$ mm
iii	Thickness of plastic	1.5 mm
iv	Weight	Min. 25 g $\pm 3$ g
v	Leakage	Jar should not show leakage from the joint of cylinder and its base.

**26- SPECIFICATION FOR ALLUMINIUM LACTOMETER Big size JAR:**

<b>S.No</b>	<b>Particulars</b>	<b>Specifaction Norms</b>
i	Material	Jar should be made from the best quality alluminium sheet.
ii	Dimension	Height $135 \pm 2$ mm Inner Dia $26 \pm 1$ mm Outer Dia $32 \pm 2$ mm
iii	Thickness of sheet	1.5 mm
iv	Weight	Min. 45 g $\pm 3$ g
v	Leakage	Jar should not show leakage from the joint of cylinder and its base.

**27- Specifcaation for Milk Collection Tray FOR D.C.S. SS 304**

<b>Materials</b>	The milk collection trays shall be made of ss304 iron sheet of $0.70 \pm 0.05$ mm thickness throughout.
<b>Spout diameter and lentght</b>	Length 12 cms. Diameter 2 cms.
<b>Dimensions</b>	Length $60 \pm 0.5$ cm. width $45 \pm 0.5$ cm height (including 0.5 cms) support in bottom $7.0 \pm 0.5$ cms
<b>Other</b>	A ) the tray should be soldered at corners so that it shall be free from leakage from the B) Trays should be provided with two handles. C) Two supporting rings at the bottom having 3 cms. Diameter. D) Height of supporting ring $5 \pm 1$ mm.

**28- Specificaation for Milk stainer (without guage)SS304**

<b>Materials</b>	The strainer shall be made of best quality SS sheet having 0.6 mm. Thickness throughout
<b>TOP outer diameter</b>	32.5 ± 0.05 Cms
<b>Total height</b>	16.5 ± 0.05 cms.

**29- Specificaation for Milk stainer (without guage)Alluminium**

<b>Materials</b>	The strainer shall be made of best quality Aluminum sheet having 0.8 mm. Thickness throughout
<b>TOP outer diameter</b>	32.5 ± 0.05 Cms
<b>Total height</b>	16.5 ± 0.05 cms.
<b>Weight Bottom diameter</b>	300 to 310 gm suitable for milk sieve as per item no 6
<b>Other</b>	A loop shall be provided for hanging

**30- Specificaation for Milk seive Aluminum**

<b>Materials</b>	Milk sieve made from brass wire mesh of 500 mesh
Brass wire mesh mounted of Aluminum frame of outer diameter of 12.5 cms having two cross bars at right angle.	
<b>Total Weight</b>	Min (20 ± 03 grams)

**31- Specificaation for Sample bottle brush**

<b>Diameter of brush for hair</b>	5(± 0.5 cms)
<b>Length of hair brush</b>	8.5 (± 0.5 cms)
<b>Total length of brush, Brush including loopType handle</b>	20 (± 2 cms)
<b>Weight of brush</b>	5 gms
<b>Other</b>	Sample must e provided at the time of tenders. Brush must be sturdy.

**32- Specificaation for Sample bottle stand Alluminum**

<b>Material</b>	Stands shall be made of allu. Sheet
<b>Thickness in mm</b>	Min. 0.6 ±0.05 mm throughout
<b>No of holes</b>	24 in rows of B of 44 mm diameter
<b>Diamensions</b>	Length                      width 446(±1 mm)      170(±1,,)
<b>Height</b>	48 (±1 mm)
<b>Note:-</b>	Riveting shall be done with aluminum rivets. Two carrying handles made of allu. Wires of 4 mm thickness shall be provided of grooved handles will also be considered.

**33- Specificaation for Mesuring set for milk (Alluminum)**

<b>Capacity</b>	100 ML, 500 ML, 200 ML, 100 ML
<b>Specificatin</b>	As per Department of weight and measurement
<b>Other terms</b>	Dully inspected and stamped by the department of weights and measurement

**34- Specificaation for Mesuring set for milk (SS 304) 1.2mm**

<b>Capacity</b>	100 ML, 500 ML, 200 ML, 100 ML
<b>Specificatin</b>	As per Department of weight and measurement
<b>Other terms</b>	Dully inspected and stamped by the department of weights and measurement

**35- Specificaation for Nylon Filter Cloth**

<b>Requirement</b>	54 mesh 300 mts
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**36- Specificaation for Sample bottles stand plastic**

<b>Weight of stand</b>	Not less than 250 gms
<b>No of holes</b>	24 in three rows (8x3)
<b>Hole diameter</b>	4 cm
Stand should be made of virgin P.P. Material handle on both side should be of virgin P.P Material	

**37- Specificaation for Plastic filter white Heavy**

<b>Color</b>	White
<b>Weight</b>	90 grams
<b>Mess</b>	100 Mess
<b>Make</b>	Kaustubha
<b>Depth</b>	7-8 inch
<b>Packing</b>	250 nos per bag

**38- Specificaation for SS304 Milk Cans for 40 lits cap ISI Marked**

<b>Material</b>	Made as per A ISI 304 Grade
<b>Approx Wt. or can with Lid</b>	8.2 kg
<b>External Dia</b>	346 ± 3 mm
<b>Inside dia G Body</b>	340 ± 3 mm
<b>Inside dia g neck</b>	200 ± 0.5 mm
<b>Overall height</b>	591 ± 4 mm
<b>Dia at base</b>	352 ± 3 mm
<b>Normal Capacity</b>	40 Liters

**39- Specificaation for Milk Cans for 40 lits cap ISI Marked Alluminum**

<b>Material</b>	As per IS 1825/1983
<b>Total out side length top to bottom</b>	591 ± 4 mm
<b>Inside length</b>	575 ± 3 mm
<b>Body diameter</b>	340 ± 3 mm
<b>Mouth diameter</b>	200 ± 0.5 mm
<b>Bottom diameter</b>	352 ± 3 mm
<b>Thickness Body neck</b>	2 mm minimum
<b>Bottom thickness</b>	3 mm
<b>Near Handles</b>	13.5 mm

**40- Specificaation for Alluminum Cans Lid**

<b>Total diameter (including collar)</b>	289 mm
<b>Neck diameter</b>	200 mm
<b>Dia of can lid</b>	195.5 ± 0.5 mm
<b>Thickness of lid</b>	1.8 mm min.
<b>Thickness of neck</b>	1.8 mm min.
<b>Length neck to bottom</b>	75 mm
<b>Hole in collar</b>	2 Nos. size 8 mm
<b>Hole in neck</b>	3 Nos. size 1 mm

**41- Specificaation for Alcohol Thermometer**

<b>Thermometer</b>	(-) 10° C to 110° C
<b>Scale range</b>	(-) 10° C to 50° C
<b>Scale Accuracy</b>	Gradation Internal (-) 1° C ± 1° C

**42- Specificaation for Plastic Funnel**

<b>Material</b>	Made of HDPE in white color (Pigmented) Free from all visible defects.
<b>Total Height</b>	16.5 cms
<b>Outer Diameter</b>	15 cms
<b>Holdig Tab</b>	A within 2.7 cms. With hole in center. B Length of the tab 3 cms

# उज्जैन सहकारी दुग्ध संघ मर्यादित

UJJAIN SAHAKARI DUGDH SANGH MARYADIT

Maksi Road P.B. No 106, UJJAIN - 456010, Madhya Pradesh

Phone : (0734) 2527071

E-mail: purchaseuds@gmail.com

No.USDS/pur/ 2020/

Date:

## SCHEDULE - III (फार्म-अ)

(Details of tenderer to be submitted alongwith the offer )

### Form – A

I/We hereby furnish following particulars about our units:

1. Name of the Unit : M/s
2. Address of the Unit : 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 unit, if any  
(Authority letter should be  
Produced) :
5. Telephone Nos. Office : \_\_\_\_\_ Factory \_\_\_\_\_
6. Particulars of the Registration :  
Certificate Issued by the  
Competent authority  
(Registration No. & Date) \_\_\_\_\_
7. GST No. : \_\_\_\_\_
8. PAN Number :  
(Permanent Account Number  
- Income Tax) \_\_\_\_\_

9. Whether the unit or sister concerned unit or any Unit of their Proprietorship or Partnership, if any Has been blacklisted/debarred or penalized by any Central or State Government/Organization at any time. : Yes/No

10. If the reply is 'Yes' when & why Give reasons in details :

**Signature & Seal of the Tenderer**



UJJAIN SAHAKARI DUGDHA SANGH MARYDIT,  
UJJAIN MAXI ROAD, UJJAIN 456010 (M.P.)

**SCHEDULE - IV**

EMD 50000.00

S.N	DESCRIPTION	APPROX NEARLY REQUIREMENT NOS.	EMD REQUIRED	RATE/UNIT F.O.R. DAIRY & GST Rat
01	<b>Lactometer Zeal Type ± 1.0 Accuracy</b>	100 No	Rs. 50000.00	Only Online
02	Long Stem Lactometer ± 0.5 Accuracy	100 No		Only Online
03	Centrifugal Machine	200 No		Only Online
04	<b>Butyrometer shaking stand Wooden</b>	500 No		Only Online
05	Butyrometer shaking stand (Plastic)	500 No		Only Online
06	Milk Butyrometer	20000 No		Only Online
07	Milk Pipette	4000 No		Only Online
08	10 ML Acid Glass Tilt Measures	2000 No		Only Online
09	10- ML Acid Plastic Tilt Measures	2000 No		Only Online
10	BUTROMETER BRUSH	15000 No		Only Online
11	PIPETTE BRUSH (10.75 ML.)	15000 No		Only Online
12	PLASTIC TILT MEASURE 10 ML (ACID):	2000 No		Only Online
13	PLASTIC TILT MEASURE 1 ML (ALCOHOL).	2000 No		Only Online
14	LOCK STOPPER KEY	1000 No		Only Online
15	LOCK STOPPERS:	50000 No		Only Online
16	JERRY CANS FOR SULPHURIC ACID:	500 No		Only Online
17	JERRY CANS FOR NITRIC ACID:	500 No		Only Online
18	JERRY CAN FOR AMYL - ALCOHOL: 2.5 LIT.	500 NO		Only Online
19	MILK SAMPLER FOR D.C.S.	500 No		Only Online
20	ALUMINIUM MILK PLUNGERS	500 No		Only Online
21	SS304 MILK PLUNGERS	500 No		Only Online
22	PLASTIC SAMPLE BOTTLES	20000 No		Only Online
23	SS 304 Loctometer Jar Small Size	500 No		Only Online
24	SS 304 Loctometer Jar Big Size	500 No		Only Online
25	PLASTIC LACTOMETER JAR: Small Size	500 No		Only Online
26	ALLUMINIUM LACTOMETER Big size JAR	500 NO		Only Online
27	MILK COLLECTION TRAY FOR D.C.S. SS 304	200 No		Only Online

28	MILK STAINER (WITHOUT GUAGE): SS 304	200 No		Only Online
29	MILK STAINER (WITHOUT GUAGE): ALLUMINIUM	200 No		Only Online
30	MILK SEIVE ALLUMINIUM:	3500 No		Only Online
31	SAMPLE BOTTLE BRUSH:	15000 No		Only Online
32	SAMPLE BOTTLE STAND ALLUMINIUM	500 No		Only Online
33	MEASURING SET ALLUMINIUM 1000,500,200,100 ML.	200 No		Only Online
34	MEASURING SET FOR MILK SS 304 1.2mm	200 NO		Only Online
35	NYLON FILTER CLOTH:	1000 MT		Only Online
36	SAMPLE BOTTLES STAND PLASTIC:	20000 No		Only Online
37	Plastic Filter White Heavy	15000 No		Only Online
38	SS304 Milk Cans For 40 lits cap ISI Marked	1000 No		Only Online
39	Aluminum Milk Can for 40 ltr	<b>1000 No</b>		Only Online
40	ALUMINIMUM CAN LID:	1000 No		Only Online
41	ALCOHOL THERMOMETER	3000 NO		Only Online
42	PLASTIC FUNNEL	200 No		Only Online

1. If material is not as per above specification then proportionate deduction shall be made.
2. Price basis F.o.R. Ujjain Dairy Plant
3. GST Extra