



**BHOPAL SAHAKARI DUGDH SANGH MARYADIT**

**HABIBGANJ, BHOPAL 462024**

AN ISO 9001 : 2000 Certified Organization

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**Ref No: 16**

**Dated: 15/02/2021**

**NOTICE INVITING E-TENDER**

Online Tenders are invited for supply of **DCS ARTICLES(Milk Testing Equipments)** at Bhopal Sahakari Dugdh Sangh from reputed manufacturer/distributor/dealer/suppliers. The tender documents containing the terms and conditions can be purchased online & downloaded through following website <http://www.mptenders.gov.in> from 15.2.2021 onwards. The tender will be opened in the office of the undersigned as mentioned in tender time schedule (key date). The detailed Tender Form can be seen (only for reference) at our HO website: [www.mpcdf.nic.in/](http://www.mpcdf.nic.in/) [www.sanchibhopal.com](http://www.sanchibhopal.com) Any changes in tender documents will be notified on above website only and not at any other sources/platforms, hence bidders are requested to visit the site regularly. The Chief Executive Officer Bhopal Sahakari Dugdh Sangh Maryadit has all the right to accept or reject any or all bids.

Name of item	EMD (Rs)	Tender Fee (Rs)	Bid submission due date & time	Technical Bid opening Date & time
<b>DCS ARTICLES (Milk Testing Equipments)</b>	As per Schedule-II B	500/-	6.3.2021 3.00 pm	8.3.2021 3.00 pm

**CHIEF EXECUTIVE OFFICER**

**BHOPAL SAHAKARI DUGDH SANGH MARYADIT**

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**TENDER FOR PURCHASE OF DCS ARTICLES**

**TENDER DOCUMENT**

Schedule I	:	General Terms &Conditions.
Schedule II	:	Specification & Qnty & EMD
Schedule III	:	Form -A
(To be downloaded filled manually & scanned copy uploaded online.)		
Schedule IV	:	Price Schedule
Tender Cost	:	Rs.500/-(Five hundred only)
Place of opening of Tender	:	Meeting Hall of The Bhopal Sahakari Dugdha Sangh Maryadit, Bhopal.
Address for Communication	:	The CEO, Bhopal Sahakari Dugdha Sangh Maryadit, Bhopal 462024

**CHIEF EXECUTIVE OFFICER**

**SCHEDULE - I**  
**General Terms & Conditions for tender submission & supply**

Bhopal Sahakari Dugdha Sangh Mydt, Bhopal (BSDSM), an ISO certified cooperative organization, invites sealed tenders from bonafide manufacturers//distributor/dealer/suppliers for supply of DCS ARTICLES strictly in adherence to the detailed specifications given in the schedule II of the tender documents.

Bhopal Sahakari Dugdha Sangh Mydt., Bhopal 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

2.2 The tenderer(s) should clearly state in their offer the address, telephone, e-mail, PAN and GST Numbers. Any change in the address should immediately be communicated to the Chief Executive Officer, Bhopal Sahakari Dugdha Sangh Mydt, Bhopal 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, Bhopal Sah. Dugdha Sangh Mydt. who does not bind himself to accept a tender in whole or in part or reject any or all the tenders received without assigning any reasons and no explanation can be demanded of the cause of rejection of the tender by any tenderer.

2.5 The Chief Executive Officer, BSDSM reserves the right to place order for whole requirement with any tenderer or split the orders among one or more tenderers or not to purchase at all any item even after rate approval.

2.6 Each tender should be accompanied with copy of PAN, GST, Firm Registration, ITR of last 2 Financial Year (2018-19, 2019-20)

2.7 The tenderers should submit the rates online only. The conditional tenders are liable to be rejected.

2.8 No person or firm is permitted to submit more than one tender under different names.

2.9 The tenderer shall not sublet the contract or assign to any other party or parties, the whole or any portion of the contract without prior written permission of Chief Executive Officer, BSDSM.

2.10 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.

2.11 Tenderer shall fill all the details of the unit in form- A in schedule-III. (To be uploaded –mandatory.)

### **Bid Validity**

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

### **Documents composing the Bid**

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

1. Form A filled with copy of PAN, GST , Company/Firm Registration or Factory License, ITR of last 2 Financial Year (2018-19, 2019-20).
2. Online EMD transaction acknowledgement or EMD exemption certificate (if applicable see **Sr. No. 3.2**)
3. Authorization certificate of the manufacturing company.

### **Commercial/Financial Bid**

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

### **Bid price**

Price indicated on the price schedule shall be inclusive of pkg/frdg, freight and Cylinder/dye making charge , if any. GST (to be shown extra)

**Note:- When submitting EMD online please note that you pay only the EMD of particular item you would like to offer the rate. By choosing “Yes” option (in [mptenders.gov.in](http://mptenders.gov.in) portal) so as to enable you for EMD exemption.**

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

- 3.1 EMD should be submitted online only and attach copy of proof for payment of EMD in technical bid.
- 3.2 **MSME industries of The Madhya Pradesh State** will be exempted from payment of the EMD and tender fee of the tender. (MSME Certificate to be uploaded online mandatory)
- 3.3 Any tender which is not accompanied by Earnest Money deposit are liable to be rejected. Earnest money deposit of unsuccessful tenderers will be returned within 90 days from the date of opening of the tender. The earnest money deposit of the successful tenderers will be released on completion of supply/work as the case may be within the stipulated period.
- 3.4 No interest will be paid on the earnest money for the period during which (the EMD) lies in deposit with Bhopal Sahakari Dugdha Sangh.Maryadit.
  - EMD may be forfeited :
    - If successful Bidder/supplier fails/denies to perform work
    - If any bidder/supplier withdraw its bid during the bid validity period

### **4.0 PRICES:**

- 4.1 Prices offered by the tenderers should be firm and free from all escalations and shall be valid at least for a period of 12 months from the date of approval of rates. BSDS will have the right to extend the validity of the tender approval by 6 months. We would communicate our rate approval within 60 days of opening of tender.
- 4.2 The tenderer should quote rate on FOR dairy plant Bhopal basis(GST extra)
- 4.3 If need be, negotiations will be done for prices and as well as terms & conditions of material supply only with the party which offers the lowest rate.
- 4.4 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.

4.5 The lowest rate shall not be the only criteria for approving the tender.

#### **5.0 MODE OF DESPATCH**

5.1 The material to be supplied by successful 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.

5.3 Wharfage /Demurrage etc. on account of incorrect or delayed despatch of material/documents shall be the responsibility of supplier and shall be recovered from the bills.

#### **6.0 LIQUIDATED DAMAGES;**

6.1 Delivery date are fixed for supply of material they shall be strictly adhered too. In case they are not followed, or in case of delay in execution or non-execution of the order, the 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 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.

#### **7.0 INSURANCE:**

Insurance is to be arranged by the tenderer.

#### **8.0 INSPECTION:**

8.1 All the supplies are subject to inspection at our plant 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. The rejected goods should be removed from our premises by the tenderer within 15 days after receipt of our inspection report failing which the same shall be returned to the supplier at his risk and expenses or disposed off in Auction and the proceeds, if any, less expenses would be credited to tenderer's account.

8.2 Sample of the articles should be sent/produced before the competent authority if asked for within 7 days or as mutually agreed.

#### **9.0 PAYMENT**

9.1 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.

#### **10. TERMINATION OF CONTRACT:**

If any act of commission or omission of a unit under contract brings Bhopal Sah. Dugdha Sangh Mydt. to dispute, then Bhopal Sahakari Dugdha Sangh Mydt. 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, Bhopal 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. 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, Bhopal Sahkari Dugdha Sangh Mydt., in this respect will be final and binding on the successful tenderer.
- 12.2 In any case of dispute between material / services supplier and Bhopal Sahakari Dugdha Sangh matter will be presented to MD, MPCDF for resolution.
- 12.3 All disputes between renderers and BSDS matter will be put to MD, MPCDF for resolution. In case no resolution action will be taken as per Arbitration Act. 1996.
- 12.4 For all disputes, the venue for legal course shall be at Bhopal.
- 12.5 If the tender opening date become any govt. holiday then the next day may considered for tender opening.

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

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**BHOPAL SAHAKARI DUGDH SANGH MARYADIT BHOPAL**

**SCHEDULE – II-A**

**DCS Articles (MILK TESTING EQUIPMENTS )**

**1. CENTRIFUGAL MACHINE FOR FAT TESTING**

**A- CENTRIFUGAL MACHINE COMPLETE for 24 tests (ISI mark)**

ISI marked IS : 1223

Each centrifugal machine should be marked with the ISI certification mark ISI : 1223:2001

**B- ELECTRIC CENTRIFUGAL MACHINE for 24 tests As per isi:1223**

**2. CENTRIFUGAL MACHINE SPARES (For IS:1223:2001)**

- a) Top
- b) Handle
- c) Gear wheel
- d) Warm Spindle
- e) Bal bearing

**3. LACTOMETER (ZEAL TYPE):**

Material : The lactometer shall be made from BOROSIL glass free from visible defects.

- i) Graduation : 0 to 40
- ii) Dimension :
  - a) Length of bulb - 7.5 Cms. To 8.00 Cms.
  - b) Length of stem - 7.3 to 7.6 Cms.
  - c) Diameter of bulb - 1.6 Cms.
  - d) Diameter of stem - 4.5 mm.
- iii) Calibration temp : 29° C ( 84 ° F )
- iv) Packing : The lactometer shall be supplied duly packed in HDPE cases/card Board packed 12 pieces in each box.

V) Rejection : The 100 % lactometers shall be tested in the Q.C.Lab. Lactometers with error more than( ±) 1.0 CLR shall be rejected. Payment shall not be made for damaged and rejected Lactometers.

**04. MILK SAMPLER FOR D.C.S.**

- i) Material : Good quality alluminium/steel

- ii) Length of rod : 40 Cms.
- iii) Diameter of rod : 4.5 mm
- iv) Total length of sampler : 45 CMS.
- v) Wt. Of sampler : 35 Gms. (Minimum)/ 70g (min)  
(Having one spout)
- vi) Capacity of sampler : 50 ML.

**05. ALUMINIUM MILK PLUNGERS**

- i) Material : Good quality alluminium
- ii) Diameter of the disc : 150 mm.  
Disc (perforated)  
With 6 holes).
- iii) Wt. Of the disc. : Min. 45 Gms.
- iv) Length of the rod :  $30 \pm 2$  inches  
(Including loop type  
Handle (from the top)
- v) Diameter of rod : Min. 10 mm
- vi) Average wt. Of the rod : Min 175 Gms Without disc.

**06. (A) BUTYROMETER SHAKING STAND ( PLASTIC)**

- i) Material : Virgin Quality HDPE
- i) Row : 8 x 3 with Cover  
– For 24 Butyrometer 24 holes in upper & middle plate, hole dia 2.5 cm
- iii) Weight :  $550 \pm 10\%$
- iii) Length : 285 mm
- iv) Width : 110 mm
- v) Total Height with cover : 160 mm

**07. PLASTIC SAMPLE BOTTLES:**

- i) Materials : Made from virgin HDPE white Granules.
- ii) Capacity :  $100 \pm 10$  ml
- iii) Outer diameter of mouth :  $2.7 \pm 0.1$  Cm.
- iv) Diameter of the body :  $38 \pm 1$ mm



- v) Avg. Wt. Of. Empty bottle ( without cap ) : 10.5 gm  $\pm$  0.5 g.
- vi) Length of bottle : 11.8  $\pm$  0.2 Cm.
- vii) Packing : a) the bottle shall be supplied in gunny bags having 500 bottles.  
b) The bottle must bear the name of the manufacturer in short at the bottom.

**Note: If wt. of bottle will be less than 10 gms. consignment will be rejected.**

**08. MILK COLLECTION TRAY FOR D.C.S.**

- i) Material : The milk collection trays shall be made of galvanized Iron sheet of 0.70  $\pm$  0.05 mm. Thickness through out .
- ii) Spout diameter and: Length 12 cms. Diameter 3 cms.Length.
- iii) Dimensions :Length 60  $\pm$  0.5 cm, width 45 $\pm$ 0.5 Cm.  
Height 7.0  $\pm$  0.5 cms ( including 0.5 Cms support in bottom)  
Weight minimum - 2 kg.
- iv) Other: a) The tray should be soldered at corners so that it shall be free from leakage from all the corners  
b) Trays should be provided with two handles.  
c) Two supporting rings at the bottom having 3 cms. diameter.
- v) Height of supporting rings 5  $\pm$ 1 mm.

**09. MILK STAINER (WITHOUT GAUGE):**

- i) Material : The strainer shall be made of best quality aluminium Sheet having 0.8-mm. thickness throughout.
- ii) Top outer diameter : 32.5  $\pm$  0.5 Cms.
- iii) Total Height : 16.5  $\pm$  0.5 Cms.
- iv) Weight : 300 to 310 GM.
- v) Bottom diameter : Suitable for milk sieve as per item no 10.
- vi) Other : A loop shall be provided for hanging.

**10. MILK SIEVE:**

- i) Milk sieve made from brass wire mesh of 500 mesh.
- ii) Brass wire mesh mounted on Aluminum Frame of outer diameter of 12.5 Cms. having two cross bars at right angle.
- iii) Total weight - Min --20  $\pm$  3 grams. Sieve lock: Iron wire

**11. SAMPLE BOTTLE BRUSH :**

- i) Diameter of brush for hair : 5 ( ± 0.5 Cm. )
- ii) Length of Hair brush 8.5 ( ± 0.5 Cm. )
- iii) Total length of brush 20 ( ± 2 Cm. )

brush including loop type handle.

- v) Weight of Brush : 5 Grams.
- v) Other : Sample must be provided at the time of the tenders. Brushes must be sturdy.

**12. BUTYROMETER BRUSH :**

- i) Total length of brush : 25 ( ± 1 Cm. )  
( including loop type ) : Hair of brush up to 15 mm (2 Cm. Dia) from 115 to 195 mm (3 Cm. Dia).
- ii) Weight of Brush : 2 Grams.
- iii) Other : Sample must be provided at the time of opening of the tender

**13. PIPETTE BRUSH ( 10.75 ml. )**

- i) Length of Brush : 40 ± 1.0 Cm.
- ii) Hairing length : 10 Cm ( up to first two cm. tapered type hairing )
- iii) Dia. Of brush : 2 cm.
- iv) Weight of Brush : 3 Grams.
- v) Others : Sample must be provided at the time of opening of the tender

**14. SAMPLE BOTTLE STAND :**

- i) Material for construction : Stands shall be made of alluminium Sheet
- ii) Thickness in mm. : Min. 0.6 ± 0.05 mm throughout
- iii) No. Of holes : 24 in 3 rows of 8 of 44mm diameter.
- Iv) Dimensions : Length width Height  
(440x170x48) 440 ±5 mm 170±1mm 48 ± 1 mm.
- v) Riveting shall be done with alluminium rivets.
- vi) Two carrying handles made of alluminium . Wires of 4 mm thickness shall be provided or grooved handles will also be considered.

**15. PIPETTE STAND :**

- i) Material for construction : Made of plastic HDPE in white colour (Pigmented )
- ii) Type : Horizontal folding type

- iii) Capacity : For 12 pipettes.
- iv) Weight Minimum : 100 ±10 gm

**16. DROPPING BOTTLE :**

- i) Materials : made of HDPE in white colour ( Pigmented )
- ii) Wt. of bottle : 30 to 35 grams.
- iii) Capacity : 250 ML. ( Min )
- iv) Delivery tube : a) Length 26 to 27 Cm,  
b) Outer dia. 0.5 Cm.

The delivery tube shall be provided with nozzle.

**17. PLASTIC FUNNEL :**

- i) Material : Made of HDPE in white colour (Pigmented). Free from all visible defects
- ii) Total height : 16.5 Cm.
- iii) Outer diameter : 15 Cm.
- iv) Holding tab : a) within 2.7 Cm. With hole in centre.  
b) Length of the tab 3 Cm.

**18. MILK BUTYROMETER:**

The items should be ISI marked individually and copy of the B.I.S. Licence should be enclosed with tender form.

**19. MILK PIPETTE 10.75 ml (ISI MARKED)**

The items should be ISI marked individually and copy of the B.I.S. Licence should be enclosed with tender form.

**20. PLASTIC TILT MEASURES 10 ML. (ACID)**

- i) Material : Made of good quality glass/plastic, which should be annealed & free from cracks and other visible defects.
- ii) Capacity : 10 + 0.50 ML.
- iii) JET : Should be tapered
- iv) Rubber cork : Size of cork should be suitable to fit in the bottle of 2 Cm. Inner diameter of mouth.

**21. PLASTIC TILT MEASURE 1 ML.(ALCOHOL)**

- i) Material : Made of good quality glass/plastic, which should be annealed and free from all visible defects cracks etc.
- ii) Capacity : 1.0 + 0.05 ml.

- iii) JET : should be tapered.
- iv) Rubber cork size : Cork should be suitable to fit in a bottle of 2 Cm.  
Inner diameter of mouth.

**22. LOCK STOPPER KEY :**

- i) The lock stopper key shall be as per ISI : 1223 ( part - I )
- ii) The lock stopper key made from best quality of alluminium

**23. LOCK STOPPERS:**

- A) The lock stoppers shall bear the B.I.S. certification, must enclose the copy of B.I.S. Licence along with the Tender Form.
- B) I.S.I. Marked.

**24. JERRY CANS FOR SULPHURIC ACID:(20 Liters)**

- i) Construction : Heavy-duty jerry cans in white colour made up of virgin high-density polyethylene, stackable type with lid. Cap and sealing arrangement. Suitable for filling/storing/ transporting acid.
  - ii) Weight: 1200 ± 50 g
  - iii) Capacity: 20 Liters.
  - iv) Mouth Dimension : Suitable for filling/ empty sulphuric acid in Jerry cans.
  - v) Drop Test: When loaded jerry cans dropped three times (from the height of 1.5 meters) the jerry can should not show any sign of breakage/leakage.
  - vi) Others a) Jerry can shall be of even thickness, through out and free from pinholes.
- b) Jerry can shall bear the name of manufacturer (in short) year and month of manufacture and batch no. Near the neck.

**25. PLASTIC JERRY CANS FOR SULPHURIC ACID: (10 Liters) HDPE**

- i) Construction : Heavy-duty jerry cans in white colour made up of virgin high-density polyethylene, stackable type with lid. Cap Suitable for filling/storing/ transporting Sulphuric acid from jerry can.
- ii) Weight : 800 ± 5%
- iii) Capacity : 10 Liters.
- iv) Mouth Dimension : Suitable for filling/ empty sulphuric acid from Jerry cans.
- v) Drop Test : When loaded jerry cans dropped three times (from

the height of 1.5 meters) the jerry can should not show any sign of breakage/leakage.

**26. JERRY CAN FOR AMYL - ALCOHOL: (2.5 LIT)**

- i) Construction : Heavy duty jerry can, in white colour made up of virgin high density polyethylene, stackable type with lid, cap suitable for filling/storing/transporting amyl alcohol
- ii) Weight : 250 Grams  $\pm$  12 g
- iii) Capacity: 2.5 Lit.
- iv) Drop test : When loaded jerry can dropped three. Times from the height of 1.5 meters. The jerry can should not show any sign of breakage/leakage.
- v) Others :a) Jerry can shall be of even thickness throughout and free from pin holes.  
b) Jerry cans shall bear the name of the manufacturer, year and month of manufacture and batch near the neck.

**27. ALCOHOL THERMOMETER**

- : Scale range --- (-)10.0 °C to 110.0 °C  
Graduation interval ----- 1° C  
Scale Accuracy ----- $\pm$ 1° C

**28. ALUMINIMUM MEASURING SET FOR MILK**

- Capacity** : **1000ML, 500ML, 200ML, 100 ML**
- Specification** : As per Department of Weight and Measurement.
- Other terms** : Duly inspected and stamped by the Department of weights and measurement.

**29. LACTOMETER JAR:**

- Material** : Aluminum
- Pipe Dia** : 30.00 mm
- Pipe length(ID)** : 130 mm
- Wall thickness of pipe(Internal)** : 0.70 mm
- Bottom support Dia** : 77  $\pm$  2 mm
- Weight of jar** : 45  $\pm$  5 gm.

**30. ALUMINIUM CAN LID:**

As per I.S.I. specifications IS: 1825-(1971)

**31. ALUMINIUM ALLOY MILK CANS WITH LIDS**

**FUNCTIONAL REQUIREMENTS**

Cans would be used for transportation of milk from milk collection centres to processing plants and for handling milk in processing plants.

### **DESIGN REQUIREMENTS**

Capacity	: 40 Litres
Approximate Dimensions	: 40 Litres
Normal Capacity	: 40 Litres + 2%
Total height without lid	: 591 mm ± 4
Maximum dia at base	: 352 mm ± 3
<i>Maximum dia at neck</i>	<i>: 200 + 0.5 mm</i>
Minimum hardness	: 85.0 B.H.
<i>Minimum anodizing film thickness: 12 Micron</i>	
Weight (Minimum)	: 6.5 kgs

#### **ISI Code:**

Each can should be marked with the ISI certification mark. The aluminium alloy milk can should be manufactured and tested in accordance to IS: 1825 –1983 with amendments till date.

#### **Body:**

Single piece steam lined construction formed by deep drawings/spinning and subsequent spinning. Weld joints should be completely eliminated.

#### **Handle:**

Made of extruded aluminium alloy bar, designed to give good grip of the can 2 nos.

#### **Bottom Band:**

These shall be made from extruded section of aluminium alloy, rolled and brazed or welded to ring shape. The bottom band shall be shrunk fit, with proper locking arrangement on the body. This shall be followed by brazing or welding all sides flushed with bottom permitting draining of water and detergent from bottom of the reversed can.

#### **Lid:**

The lid should also be of the same aluminium alloy and with conical skirts provided with air equalizing holes. The lid to have mushroom shape to drain off any water outside. The lid should be provided with two nos. of punched holes near periphery of lid for sealing the can. Two-piece lid should be firstly spot welded at four points near periphery and at the centre followed by welding/brazing all around.

#### **Material**

Can body and can lid shall be made from sheets or aluminium alloy conforming to IS designation 64430 (HS 30) of IS:737-1974 and handles and bottom band of IS: 733-1975.

#### **Heat Treatment and Anodising:**

The can and can lid shall be solution heat-treated and age hardened for maximum strength and durability. The can and can lid should also be anodized from inside and outside to protect them from corrosion.

**Finish:**

All brazing or welding shall be free from porosity, blowholes, and lumps and should sound in nature. All welded or brazed joints shall be finished smooth to provide a sanitary finish to all the inner and outer surface.

**Marking:** Each can shall be marked legibly and permanently with at least following particulars:

- (i) Manufacturer's name or initial or trademark if any
  - (ii) The rated capacity of the can in Litres.
  - (iii) Batch or code number.
  - (iv) Point of capacity
- Drop test – Shall pass the test.

**FOR FIELD OPERATION SECTION**

**32. Artificial insemination Gun:**

French method (Universal/French mini)

- 1. Universal artificial insemination Gun French method to be used with 0.25 ml straws and 0.5 ml straws- Best quality.
- 2. Artificial insemination AI Gun French mini to be used with 0.25 ml straws – Best quality

**(Samples should be submitted with offer)**

**33. A.I Sheath / straw**

- 1. French method universal AI sheaths 0.25 ml
- 2. French method universal AI sheaths used 0.5 ml

**(Samples should be submitted with offer)**

**34. Mini Ear Tag:**

Suitable for : cattle  
Type : Button type, joint less,  
Material : Brass  
Dia : 16 mm

**35. Applicators :** Suitable for fixing mini ear tags at sl. No. 34.

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SCHEDULE - II -B

Further details about quantity required & EMD		
<u>S.No.</u>	<u>Description</u>	<u>Approx. Requirement (Nos.)</u>
1	Centrifugal Machines complete	300
2.	Centrifugal Machine spares	
	(a) Top	300
	(b) Handle	300
	(c) Gear wheel	300
	(d) Warm spindle	300
	(e) ball bearing	100
3.	Lactometers	10,000
4.	Milk Sampler (Alu.)	2,000
5.	Milk plungers (Alu.)	600
6.	Butyrometer shaking stand (wooden)/plastic	4000
7.	Plastic sample Bottles	42,000
8.	Milk collection trays (Alu.)	500
9.	Milk strainer (Alu.)	500
10.	Milk Sieve	10,000
11.	Sample bottle brush	30,000
12.	Butyrometer brush	50,000
13.	Pipette brush	25,000
14.	Sample bottle stand (Alu.)	1200 Nos.
15.	Pipette stand ( pl.)	1200 Nos.
16.	Dropping bottles	200
17.	Plastic Funnel	50 No.
18.	Butyrometers	1 lakh
19.	Milk pipettes ISI marked	15,000



20.	Acid tilt measure ( pl.)	5,000
21.	Alcohol tilt measure ( pl.)	5,000
22.	Lock stopper key (Alu.)	2,000
23.	Lock stoppers (ISI marked)	20,000 doz.
24.	Plastic Jerry Cans 20 lit(for acid)	1,000
25.	Plastic Jerry Cans 10 lit(for acid)	1,000
26.	Plastic jars 2.5 lit.(for Amyl Alcohol)	800
27.	Alcohol Thermometer	2,000 Nos.
28.	Measurement sets(duly stamped) (Alu.)	600
29.	Lactometer jars (Alu.)	1,000
30.	Alu. Milk Can lids	2,000 Nos
31.	Aluminum Milk Cans	2,000 Nos.
32.	Artificial Insemination Gun :	1,000 Nos
33.	Artificial Insemination sheath	1,50,000 Nos.
34.	Ear Tag	40,000 Nos.
35.	Applicators	250 Nos.

E.M.D. TO BE DEPOSITED

- For Sl.no.1 to 29 EMD of Rs.20,000/-
- Sl.no. 30 &31(Milk cans) EMD of Rs.50,000/- & for rest items
- Sl.no.32 to 35 EMD of Rs.5,000/- is required.

Note :- Whole Consignment will be rejected if not found as per Tender specifications.

**BHOPAL SAHAKARI DUGDHA SANGH MARYADIT, HABIBGANJ, BHOPAL 462024**



**SCHEDULE – III**

**Form – A  
(To be uploaded -mandatory)**

To,  
Chief Executive Officer  
BSDSM, Bhopal

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 : \_\_\_\_\_  
Issued by the competent authority  
(Regn No. & Date)
7. We are manufacturer/distributor/dealer/supplier of .....Co.(with proof)
8. GST NO. \_\_\_\_\_ dated \_\_\_\_\_
9. PAN Number(Permanent Account Number- Income Tax) :
10. Have your Co./Unit or its sister concern ever been black listed/ debarred by BSDSM or its sister Milk Unions or GOI /GOMP & its undertaking ? YES / NO

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

**BHOPAL SAHAKARI DUGDHA SANGH MARYADIT HABIBGANJ,  
BHOPAL 462024**



**SCHEDULE – IV**

**Form – B  
(Price bid Format)  
(To be submitted Financial Bid Online only)**

<b>NIT Ref. No.</b>	
<b>NAME OF TENDERER:</b>	

S. No.	DESCRIPTION	Rate/unit F.O.R Dairy GST Extra.
		<b>Submit Online in excel format only</b>

**Note: Purely indicative for e-tender as the rates are required to be filled on these lines in the prescribed BOQ in Excel format.**

**(Seal & Signature of the tenderer)**