

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:3173 /ISDSM/PLANT/2023

Date: 05.10.2023

E-TENDER NOTICE

TENDER COST : Rs.5000/-

Online e-tenders (Two Bid System) are invited from the manufacturers / Authorized Supplier for the Supply, Installation & Commissioning of Milk cold Room for **100 KL** capacity in Main dairy plant Indore . The tender notice, tender documents, containing the terms and conditions can be purchased online & also submitted through following website <http://www.mptenders.gov.in> upto **19/10/2023** at 01.00PM..EMD for the said work is Rs.1,20,000/-. The detailed Tender Form can be seen (only for reference) at our H.O website: www.sanchidairy.com, Corrigendum/Amendment if any to this publication would appear only on the above mentioned websites and will not be published else where.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

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E-Tender for Supply, Installation & Commissioning of Milk cold Room for 100 KL capacity. from reputed Manufacturer/ Authorized Supplier for ISDSM

TENDER DOCUMENT

Schedule I	:	General Terms & Conditions.
Schedule-II	:	Specifications
Schedule III	:	Technical Bid
Schedule IV	:	Form A & Form B
Schedule V	:	Price Schedule
Tender Cost	:	Rs.5000/- (Rupees Two Thousand only)
EMD	:	Rs. 120000/-
Tender Document Download/Sale Start Date	:	06/10/2023 Time 1:00 PM Onwards
Tender Document Download/Sale End Date	:	19/10/2023 Time 01:00 PM
Bid Submission Start Date	:	06/10/2023 Time 01:00 PM Onwards
Bid Submission End Date	:	19/10/2023 Time 01:00 PM
Bid Opening Date	:	20/10/2023 Time 01:00 PM
Pre- Bid meeting Date	:	12/10/2023 Time 02:30 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.

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SCHEDULE-I (GENERAL TERMS AND CONDITIONS)

Indore Sahakari Dugdh Sangh Maryadit Indore invites online tenders (Two Bid System) for Supply, Installation & Commissioning of Milk cold Room for 100KL capacity. from reputed Manufacturer/ Authorized Supplier strictly in adherence to the detailed specification given in the Schedule II of the tender.

1.0 Instruction to Bidder/Tenderer

- (i) Bidder should read all terms & conditions of tender thoroughly before filling tender online.
- (ii) Scanned copy supporting document to be uploaded wherever required.
- (iii) Technical Bid, Form-A & Form-B shall be submitted online. Enclosed duly filled scanned copy to be uploaded.
- (iv) Price bid shall be filled online only. Physical form of price bid will be rejected outrightly.

2.0 EARNEST MONEY DEPOSIT

All the tenderers are required to deposit Earnest Money online. As the tender will be finalized the unsuccessful tenderers will get back the EMD from MP TENDERS (as per their norms) online. 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.

Earnest Money Deposit :-

<u>Sr. no.</u>	<u>Item</u>	<u>Location</u>	<u>Qty/Capacity</u>	<u>EMD Amount</u>
1.	Supply, Installation & Commissioning of Milk cold Room for 100 KL capacity.	ISDSM, Indore	1 set As per specification	Rs.120000/-

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.

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

3.0 Scope of Work - Bidders Scope:-

- Bidder scope of work includes supply, installation, testing and commissioning of the milk cold room inclusive of PUF panels & Refrigeration units. As per detailed specification schedule-II.
- Unloading, Shifting and safe storage of cooling units & equipment etc at site.
- Uninterrupted AC supply along with M.C.B. Switch for each refrigeration unit & each cold room light near (within 1 mtr. Radius) the condensing unit & cold room respectively.
- Out Door Stand will be bidders Scope.
- Providing level base/floor (zero – zero) for erection of butter cold room.(Before carrying out the floor insulation work, it will be the responsibility of the bidder to zero–zero level the existing floor level.)
- Water Drains points at site near cold room.
- Adequate ventilation for the condensing / outdoor unit.
- Protective shed for the condensing unit if necessary along with MS stand for mounting it.

4.0 Delivery Period

Material supply , installation & commissioning and trial run Within 45 days from the date of confirmed purchase order

5.0 Warranty

Subject to terms of payment agreed upon being punctually complied with and the equipment being operated properly, the machinery covered by this contract carries a Warranty against manufacturing defects for 15 months from the date of supply or 12 months from the date of installation, whichever is earlier. If any part of the equipment is put by supplier earlier for any reason whatsoever, the warranty period will commence from the date of such use Bidder agree to repair / replace such parts which may prove defective and which do not fail from neglect or misuse or faulty operation. The defective parts should be replaced by bidder, duly insured and freight prepaid for examination and agreement that they are defective. The return freight and insurance charges on such repaired or replaced parts will be borne by the bidder. No charge will be paid by us for work involved in the repair or replacement of defective parts during the Warranty period in the case of installations within the Municipal limits of any city where we have our own Branch or Service Center.

PREBID

Interested bidder may visit the site before submit tender andpoint and for any technical clarification points at pre-bid meeting will be discuss and as per any amendment /corrigendum there will be published on www.mptenders.gov.in and www.sanchidairy.com

PRICE

Price offered by the tenderers should be firm and free from all escalations. The prices offered should 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 only to successful tenderer.

The tenderer should quote rate only F.O.R. Indore dairy plant.

Octroi duty, if applicable at the destination, shall be borne by the supplier.

TENDER OPENING

Tender will be opened online on scheduled date and time in front of tender committee and representative of tenderer.

Online Technical Bid will be opened first & only on verification of technical bid & supporting documents, online price bid will be opened.

Price bid of only those tenderer shall be opened who fulfill all criteria of technical bid successfully.

ELIGIBILITY CRITERIA

- Tenderers should submit supplier's List with contact detail/ Purchase order copy/ performance report .
- The tenderers should submit copy of IT Return for Last Three years.
- The tenderers should submit copy of PAN Card & GST.
- The tenderers should submit Filled Form-A & Form-B & attached related document as per Form A & B
- The tenderers should submit copy of Firm Registration certificate.
- The tenderers should submit At least one completion certificate copy of similar nature of work done by tenderer in recent years.

PAYMENT

- 40% after supply of all required material for said work .
- 50% after installation, commissioning and successful trial run of machine at site
- Balance 10% after submission of Performance Bank Guarantee (Nationalized Bank) of 10% equivalent amount valid for 12 months from the date of successful trial run of machine.

GENERAL TERMS AND CONDITIONS

The acceptance of the tender and award of the purchase order will be the sole right of the CEO Indore Sahakari Dugdha Sangh Maryadit, who does not bind himself to accept a tender in whole or part or reject any or all the tenders received without assigning any reason and no explanation can be demanded of the cause of rejection of the tender by any tenderer. If the tenderer fails to make supply within the stipulated time mentioned in purchase order then they may be black-listed and EMD also may be forfeited.

- Negligence on the part of tenderer in filling the tender offers no right to withdraw the tender after it has been opened.
- The tenderers should send their offers along with detailed technical specification, necessary documents etc., which will form the basis of tender and integral part thereof.
- The CEO Indore Sahakari Dugdha Sangh Maryadit reserves the right to place order for sole requirement with any tenderer or split the orders among one or more tenderers.
- The tenders received against the advertisement upto the specified time limit only shall be considered. The Indore Sahkari Dugdha Sangh shall not be bound to accept lowest rate tender.
- The submission of a tender by a tenderer implies that he has read the notice and conditions of the tender and the terms and conditions of contract and has made himself aware of scope and specification of the suppliers to be made and the destination where the supply have to be made and satisfied himself regarding the quality and specifications of the articles.

- The tenderers should submit tender in online format only.
- No person or firm is permitted to submit more than one tender under different names.
- The conditional tenders are liable to be rejected.
- Each page of the technical Bid and its enclosure should be signed & sealed at the bottom by the tenderer.
- The supplier shall not sublet the supply or assign to any other party or parties, the whole or any portion of the contract.
- Required utilities like electric supply, water supply will be provided at only one point /control power for above system by ISDS.
- The successful tenderer has to execute an agreement with this office on Non-Judicial stamp paper of Rs.1000/- within 10 days after allotment of work.

LIQUIDATED DAMAGES

The time period and the date of delivery of the material/services stipulated in the purchase/work 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 Dugdh Sangh reserves the right either to cancel the order and make alternative purchase/ arrange the completion of job from other sources, at the risk and cost & expense of the defaulting supplier. In case the suppliers & services are not affected as per the schedules, the liquidated damages may be charged on the goods/ services not so delivered as under:

(A) For supply, installation and commissioning

S. No.	Duration of delay	Liquidated Damages
1.	1Month	1%
2.	1 to 3 Months	2%
3.	Beyond 3 Months	5%

WHARFAGE/DEMURRAGE

Wharf-age /Demurrage etc. on account of incorrect or delayed dispatch of material of document shall be the responsibility of supplier and shall be recovered from his bill.

DISPUTE ARBITRATION & FINAL AUTHORITY

- It should be clearly understood that in the event of tenderer failing to accept and execute the Purchase order, decision of the CEO, Indore Sahakari Dugdha Sangh Maryadit, in this respect will be final and binding on the tenderer.
- At the time of submitting the tender, tenderer shall supply detailed information about their activities in the enclosed form.
- For all matters of dispute, the decision of the Honorable Chairman, Indore Sah. Dugdha Sangh Mydt. Under Arbitration and Conciliation Act. 1996 shall be final and binding on all the concerned.
- For all judicial issues the venue of jurisdiction shall be Indore only.
- If the tender opening date become any govt. holiday then the next day may considered for tender opening.

CHIEF EXECUTIVE OFFICER

SIGNATURE OF TENDERER

SCHEDULE– II
TECHNICAL SPECIFICATIONS

Specification for supply, installation and commissioning of Milk cold room.
Basis of design / technical specification for Proposed milk cold room (100KL)

Particulars/ Parameters:	Cold Store (Positive Chamber)	Ante room
Room size (L, B, H, in mtrs)	11.20 x 21 x 3.5	21.0 x 1.5
Cold Room temperature:	4 Deg C max.	
Cooling Capacity	180000 BTU/HR or as per design	
Compressor operating duty	-8°C EVA. & 50°C COND.TEMPERATURE	
Roof & walls exposed to sun?	NO	
Insulation material & thickness		
Floor	100 mm PUF	
Ceiling	120 mm PUF	
Wall	120 mm PUF	
Product Stored	Milk, Curd, Lassi	
Product quantity per day per compartment	1,00,000 L of milk	
Temp. of incoming product	6 Deg C	
Pull down time	2 hrs	
Packing materials	Polythene pouches in crates	
Temp. of packing material	Ambient	
Electrical equipment load	FDC + Lighting	
Number of workers	6	

SCHEDULE OF MAJOR ITEMS PROPOSED

a) FOR SUPPLY OF ITEMS:

S. N.	Item Description	Capacity
1	Floor insulation Cold Stores	Conventional Insulation for - PUF slabs 100 mm thick (intwo layers - each of 50 mm thickness)
2	Wall insulation Panel with allaccessories for cold stores & ante room	Pre-engineered pre-fabricated sandwich (PCGI) rigid Polyurethane Panel 120 mm thick
3	Ceiling insulation Panel with all accessories for cold stores& ante room	Pre-engineered pre-fabricated sandwich (PCGI) rigid Polyurethane Panel 120 mm thick
4	Manual Sliding type coldstore doors	120 mm PUF insulated door of size 1.2 X 2.1 m.
5	Air curtains and PVC strip curtain	Kick Plate must be included on both sides of door.
6	Packaged type air cooled condensing unit	Air curtain for 1.2 X 2.1 m Door
7	Forced draft coolers(evaporators)	Air Cooled Split Type.
8	Internal electrification of coldstores and ante room	Capacity matching with condensing unit
9	Data Recording	As per requirement, moisture proof fittings
10	Cold store safety systems	Data Logger for keeping tracking of parameters, mobilebased IOT data logger for Temperature.
	Air curtains and all the necessary facilities shall be provided so that the at the time of loading , doors open & closed frequently.	

b) FOR INSTALLATION & COMMISSIONING OF ITEMS:

S. N.	Item Description	Capacity
1	Floor insulation Cold Stores	Conventional Insulation for - PUF slabs 100 mm thick (in two layers - each of 50 mm thickness)
2	Wall insulation Panel with all accessories for cold stores & ante room	Pre-engineered pre-fabricated sandwich (PCGI) rigid Polyurethane Panel 120 mm thick
3	Ceiling insulation Panel with all accessories for cold stores & ante room	Pre-engineered pre-fabricated sandwich (PCGI) rigid Polyurethane Panel 120 mm thick
4	Manual Sliding type coldstore doors	120 mm PUF insulated door of size 1.2 X 2.1 m.
5	Air curtains and PVC strip curtain	Air curtain for 1.2 X 2.1 m Door
6	Packaged type air cooled condensing unit	AS PER SPECIFIC DESIGN
7	Forced draft coolers (evaporators)	Capacity matching with condensing unit
8	Internal electrification of coldstores and ante room	As per requirement, moisture proof fittings
9	Cold store safety systems	As per requirement

NOTE:- 10% Plus variation in size & capacity would be acceptable.

Specification:-

A. Refrigeration Units

- 1 Stainless steel body & excellent corrosion resistant refrigerant units.
- 2 Inner grooved tubes for superior heat exchanger.
- 3 In-built defrost heaters for low temperature units.
- 4 External rotor driven fans with low noise levels.
- 5 Removable side panels for easy service.

B. PUF Panels

- 1 Precision locking mechanism Cam-Lock with metal plungers.
- 2 Eco-friendly PUF Panel with Eco-friendly blowing agent : Cyclopentane
- 3 Puff density: 40kg/m³
- 4 PUF thickness : 60mm/80mm/100mm/127mm/150mm
- 5 ODP (Ozone Depletion Potential): 0
- 6 Fire retardant property : Self extinguishing
- 7 Panel joint : tongue & groove Joint
- 8 Panel to panel fitment: The gap between two fitted panel <3mm
- 9 Panel are suitable for wide temperature range of -30°C to +80°C.
- 10 Easy expandable to larger sizes
- 11 90°C corner panels to ensure stability
- 12 Easy shiftment of cold room to different location

C. Electrical Details

SITC of Electrical Power Supply Distribution panel with MCCB, Power Cable

1. From DB Panel to Controller Location 4 c 6 SQMM with Armored Copper cable.
2. MCCB Power supply Suitable as per Manufacture guideline. Panel MCB for each machine with 40 amp plus one spare. And MCB suitable.
3. For Door heater and Light panel distribution board with one spare.
4. Suitable cabling for proper functioning of system, as per manufacturer guideline.
5. Electric connection from supply panel.
6. All the electric motor shall be I3 & above with Maximum power saving.
7. Electric panel shall be provide ,IP-65

D. Supply, installation & commissioning of ammonia based compressor

- i. **Compressor** – screw compressor C type
Cooling capacity - 150TR
Refrigerant – NH3 Gas(R-717)

- ii. Evaporation unit:-
 - Corrosion resistant , painted galvanized steel sheet
 - Tube and all assembly are manufactured from stainless steel 304.
Easily removal side part, panels for maintenance purpose.
 - Tube – Stainless steel 304
 - Fins – Aluminum fins with corrugated partition.
 - Fan + Motor – blade pattern
 - Expansion valve- Manual type with solenoid valve.
 - Condenser – Closed loop cooling tower
Capacity -150 TR

SIGNATURE OF TENDERER

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

As ISO 9001 : 2000 Certified Organization Plant E-Mail :
isdsm_gmpo@rediffmail.com / sanchimsids@gmail.com ,9425912919



SCHEDULE – IV
(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. Work completion certificate :
9. Details of PAN CARD (Enclosed Copy): _____
10. Income Tax return (Enclose Copy): _____
11. Name of Bank & RTGS/NEFT No.: _____
Enclose cancelled cheque: _____
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

SIGNATURE OF TENDERER

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
Authorized Signatory of the Co./Unit**

SCHEDULE IV

(To be submitted along with the offer)

Form B

CHIEF EXECUTIVE OFFICER

Date: _____

ISDSM, INDORE

Dear Sir,

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

1. Items manufactured at our Unit : _____

2. Capacity of the Plant : _____

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

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

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

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

Place:

Date:

Seal & Signature

Authorized Signatory of the Co. /Unit

SCHEDULE- V

PRICE BID

Price bid of Supply & Installation of Milk cold storage 100 KL capacity.

<u>S.n</u>	<u>Items</u> <u>(As per technical specifications schedule II)</u>	<u>Price Quoted Unit Rate</u> <u>(In Rupees.)</u> <u>(Including , Packing and Forwarding, GST, Transport charges, Loading ,Unloading , Insurance, Installation and commissioning and training to IDS operator.</u>
1.	Supply, Installation & Commissioning of Milk cold Room for 100 KL capacity in Main dairy plant Indore .	

SIGNATURE OF TENDERER