

INDORE SAHAKARI DUGDH SANGH MARYADIT

CHANDA TALAWALI, MANGLIA-INDORE(M.P)-453771
AN ISO 22000: 2005 & 9001:2008 CERTIFIED ORGANIZATION

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Ref No: ISDSM/PUR/002

Date: 09/01/2019

E-Tender for supply & Installation of Air Cooled Fan Operated Diffuser For Ammonia Refrigeration System for milk cold room of Indore dugdh sangh from reputed Manufacturer/ Authorized Supplier for Under ISDS

TENDER DOCUMENT

Schedule I	:	General Terms & Conditions.
Schedule-II	:	Technical Specifications
Schedule III	:	Technical Bid
Schedule IV	:	Form A & Form B.
Schedule V	:	Price Schedule
Tender Cost	:	Rs.500/--(Rupees five hundred only)
Tender Document Download/Sale Start Date	:	11/01/2019 Time 11:00 AM Onwards
Tender Document Download/Sale End Date	:	17/01/2019 Time 02:00 PM
Bid Submission Start Date	:	11/01/2019 Time 11:00 AM Onwards
Bid Submission End Date	:	17/01/2019 Time 02:00 PM
Bid Opening Date	:	18/01/2019 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

SCHEDULE-I (GENERAL TERMS AND CONDITIONS)

Indore Sahakari Dugdh Sangh Maryadit Indore invites online tenders **for supply & Installation of Air Cooled Fan Operated Diffuser For Ammonia Refrigeration System for milk cold room** of ISDS (M.P.) Dairy Plant from reputed Manufacturer/ Authorized Supplier strictly in adherence to the detailed specification given in the Schedule II of the tender.

1.0 Tender Submission

Tender Document Download/Sale End Date : 17/01/2019 Time 02:00 PM

Bid Submission End Date : 17/01/2019 Time 02:00 PM

Bid Opening Date : 18/01/2019 Time 03:00 PM

2.0 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 in **pdf** format.
- (iv) Price bid shall be filled online only. Physical form of price bid will be rejected out rightly.

3.0 EARNEST MONEY DEPOSIT

- 3.1 All the tenders shall be required to pay Earnest Money as specified by us, to be given online. Submission 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 :-

Sr.no.	Item	Location	Qty/Capacity	EMD Amount
1.	Air Cooled Fan Operated Diffuser For Ammonia Refrigeration System for milk cold room	Indore dairy Plant	03nos.	Rs.25,000/-

3.2 Any tender which is not accompanied by Earnest Money Deposit is liable to be rejected. Earnest Money deposit of unsuccessful tenderers will be returned within 45 clear days from the date of opening of the tender. The earnest money deposit of the successful tender will be released on completion of supply/work as the case may be within the stipulated period.

3.3 No interest will be paid for the earnest money deposited.

4.0 Scope of Work

- (i) Supply, installation & commissioning of machines strictly as per technical specification of tender.
- (ii) Provide tools & tackles for maintenance along with machine.
- (iii) Provide training to operator / Staff of ISDS.
- (iv) Provision for civil foundation work/ mechanical work if any shall be supplier's scope.(For this participants can visit the site before submission of bid.)
- (v) Dismantling the existing unit (Diffuser & other related accessories) will be the scope of tenderer.

5.0 Delivery Period

Within 30-45 days from the date of confirmed purchase order.

6.0 Warranty

18 months from the date of supply or 12 months from commissioning, whichever is earlier.

7.0 PRICE

7.1 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 45 days of opening of tender only to successful tenderer.

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

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

8.0 TENDER OPENING

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

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

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

9.0 ELIGIBILITY CRITERIA

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

9.2 Maximum experience in dairy/Food/Beverages industry will have advantage for performance in tender opening.

9.3 The tenderers should submit copy of IT Return for Last Two years.

9.4 The tenderers should submit copy of PAN Card & GST.

9.5 The tenderers should submit Filled Form-A & Form-B & attached related document as per Form A & B

9.6 The tenderers should submit copy of Firm Registration certificate.

10.0 PAYMENT

- (i) 60% against delivery of machine in good condition at site and after physical inspection and verification by engineering department.
- (ii) Balance 40% after commissioning and successful trial run of machine at site and submission of Bank Guarantee(Nationalize Bank) of 10% equivalent amount valid for 12 months from the date of successful trial run of machine.

11.0 GENERAL TERMS AND CONDITIONS

- 11.1 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.
- 11.2 Negligence on the part of tenderer in filling the tender offers no right to withdraw the tender after it has been opened.
- 11.3 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.
- 11.4 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.
- 11.5 The tenders received against the advertisement upto the specified time limit only shall be considered. The Indore Sahkari Dugdh Sangh shall not be bound to accept lowest rate tender.
- 11.6 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 supplies to be made and the destination where the supply have to be made and satisfied himself regarding the quality and specifications of the articles.
- 11.7 The tenderers should submit tender in online format only.
- 11.8 No person or firm is permitted to submit more than one tender under different names.
- 11.9 The conditional tenders are liable to be rejected.
- 11.10 Each page of the technical Bid and its enclosure should be signed & sealed at the bottom by the tenderer.
- 11.11 The supplier shall not sublet the supply or assign to any other party or parties, the whole or any portion of the contract.
- 11.12 The tenderers should submit copy of IT Return for Last Two years.
- 11.13 The tenderers should submit copy of PAN Card & GST with HSN Code.
- 11.14 The tenderers should submit supplier's List along with performance Report.

12.0 LIQUIDATED DAMAGES

12.1 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 items purchase-Supply

S. No.	Duration of delay	Liquidated Damages
1.	Up to 15 days	1%
2.	Between 16 to 30 days	2%
3.	Beyond 30 days	5%

(B) Services- Installation and commissioning

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

13.0 WHARFAGE/DEMURRAGE

13.1 Wharfage /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.

14.0 DISPUTE ARBITRATION & FINAL AUTHORITY

14.1 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.

14.2 At the time of submitting the tender, tenderer shall supply detailed information about their activities in the enclosed form.

14.3 For all the matters of dispute between supplier & Indore Sahakari Dugdh Sangh Maryadit, CHAIRMAN, ISDS shall be sole arbitrator for resolution of issuers & his decision shall be final and binding on both(Manufacturer/Supplier & ISDS).

14.4 For all judicial issues the venue of jurisdiction shall be Indore only.

CHIEF EXECUTIVE OFFICER

SCHEDULE- II

TECHNICAL SPECIFICATIONS AND SCOPE OF SUPPLY

BASIS OF DESIGN

1. Milk Cold Store 1

Product	:	Milk
Storage Capacity	:	30888 Liter
No of Crates	:	2574
No. of Rooms	:	1
Room Dimension	:	35' x 21' x 12' FT H
Product Incoming Temp.	:	6°C
Room Temperature	:	4°C
Compressor Suction Temp.	:	Minus 5 °C
Pull down Time	:	6 Hr
Cooling System	:	Ammonia Pump Circulation

2. Milk Cold Store 2

Product	:	Milk
Storage Capacity	:	30888 Liter
No of Crates	:	2574
No. of Rooms	:	1
Room Dimension	:	35' x 21' x 12' FT H
Product Incoming Temp.	:	6°C
Room Temperature	:	4°C
Compressor Suction Temp.	:	Minus 5 °C
Pull down Time	:	6 Hr
Cooling System	:	Ammonia Pump Circulation

3. Milk Cold Store 3

Product	:	Milk
Storage Capacity	:	39600 Liter
No of Crates	:	3300
No. of Rooms	:	1
Room Dimension	:	40' x 21' x 12' FT H
Product Incoming Temp.	:	6°C
Room Temperature	:	4°C
Compressor Suction Temp.	:	Minus 5 °C
Pull down Time	:	6 Hr
Cooling System	:	Ammonia Pump Circulation

TECHNICAL SPECIFICATIONS FOR REFRIGERATION SYSTEM

Sr.No.	Description	QTY
(SECTION A)		
1	<p>Horizontal ammonia low pressure receiver 54" dia x 12' Long constructed with liquid inlet & outlet valves, safety valve, Reflex Level gauge glass with valves, pressure gauge with valve saddle supports, and pump out connection with valve. Also incorporating all the nozzles and valves for easy connection with ACU's and suction -discharged lines.</p> <p>3rd pump provision.</p> <p>Future connection for IBT & PHE</p>	01 No.
2	<p>Liquid ammonia pump for ammonia recirculation with accessories comprising of suction strainer, suction and discharge valves, check valve. Low Stage Operation</p>	02 Nos. (1W+1S)
3	<p>Set of Manik / Danfoss Make controls for liquid re-circulation system comprising of:</p> <p>Electronic Float switch : 03 Nos.</p> <p>Pressure Differential Controller : 02 Nos.</p> <p>Differential Pressure Regulating Valve : 01No.</p> <p>Liquid line solenoid valve : 01No.</p> <p>Frost-free gauge glass : 01No.</p>	01 Set.
4	Oil pot with Controls.	01 No.
5	<p>Wall mounted / ceiling suspended frigid coil air Cooling unit complete with 7/8" AL Tubes & AL finned cooling coil after fabrication. Total GI enclosure and drain pan axial flow fan with motor, water defrost arrangement.</p> <p>FOR MILK COLD ROOM NO. 1, 2 & 3 : (01 in Each room)</p>	03 Nos.
6	<p>Manik / Danfoss Make Control for Milk Cold Room 1, 2 & 3 :</p> <p>Liquid line solenoid valve : 01 No.</p> <p>Expansion Valve : 01 No.</p> <p>DTIC : 01 No. (Per Chamber)</p>	03 Set.

7	MS 'C' Class Pipe, pipe fittings and ammonia valves to interconnect above equipment based on compact plant layout. Also pipe, pipefitting and ammonia valves to inter connect compressors.	Lot.
8	G.I 'B' Class pipes, pipefitting and valves for condenser water circulation, compressor jacket- cooling, defrost Pump ,Piping & drain pipe, assumption that condenser shall be placed at a distance have not more than 7m from the plant room.	Lot.
9	Puf insulation complete with 26 G cladding with bitumen for Liquid Line, Suction / Wet return Line & LP receiver : a) Puf Blocks. b) Nitrile sheet for Drain pan and valves.	Lot.
10	Structural Material for pipe installation, Air Cooling Units frames and plat form Piping support to be fabricated and installed at site with steel.	Lot.
11	MCC panel will be cubical type switchboard with bus bar, Incoming ACB, indicating lamps, push buttons, switches, fuses, voltmeters, Voltmeter switch, ammeters, ammeters switch, and starter for fan motor, ammonia pumps.	01 Job.
12	Power & Control cabling with Cable Tray for complete refrigeration plant. Below 5 HP copper unarmed cable and above 5 HP Aluminum Armored Cable.	Lot.
13	Painting of the complete Refrigeration plant.	01 Job
SECTION -B ERECTION, TESTING & COMMISSIONING.		
1	Installation, Testing & commissioning of the complete Refrigeration plant and putting in operation as follows: : Erection of the equipment as per our layout with proper Orientation & alignment. : Connecting various equipment with pipelines, fittings, Controls and instruments : Pressure testing, charging of gas & commissioning of plant. Dismantling of Existing ACU from Existing Cold Room No. 1,2 & 3	01 Job.

SCHEDULE-III

Technical Bid

Sr.no.	Item		YES/NO	REMARK
1	Air Cooled Fan Operated Diffuser For Ammonia Refrigeration System for milk cold room for Indore Dairy Plant	AS PER TECHNICAL SPECIFICATION IN SCHEDULE -II		

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 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. GST No. _____ Dated _____

8. HSN Code _____

9. PAN No. (Permanent Account No.-Income Tax) _____

Note: Enclosed above document of Point 7.

10. Have your Co. /Unit or its sister concern ever been YES/NO

Black listed/debarred by ISDSM or its sister Milk

Unions or GOI/GOMP & its undertaking?

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

Seal & Signature

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

Sr.no.	Air Cooled Fan Operated Diffuser For Ammonia Refrigeration System for milk cold room For Indore Dairy Plant	Price Quoted Unit Rate (In Rupees) (Including installation and commissioning, Packing and forwarding, Transport charges, Loading, Unloading, Insurance, GST for supply & services)
1	Cold Room-1	
2	Cold Room-2	
3	Cold Room-3	