

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

AN ISO 9001 : 2015 Certified Organization

E-mail: engg_bds@sanchidairy.com , engg.bsds@gmail.com

Phone 0755-2478250-53 Fax : 0755-2450896

Ref No: 27/engg/BSDS**Dated: 10.11.2020****NOTICE INVITING e- TENDER (Short-Term)**

Short term e-Tenders are invited for for **supply, installation/commissioning and trial run of IBT Coils With accumulator & High Pressure float valve system at Milk Chilling Centre Rajgarh** from experienced firms/ manufacturers/Fabricators. The tender documents containing the terms and conditions can be purchased online & downloaded through website <http://www.mptenders.gov.in> from 11.11.2020 at 11.00 AM 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 H.O website: www.sanchidairy.com/www.sanchibhopal.com. Any changes in tender documents will be notified on www.sanchibhopal.com. 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 rights to accept or reject any or all bids.

Name of Work	EMD (Rs)	Tender Fee (Rs)	Bid submission due date & time	Technical Bid opening Date & time
Supply, installation/commissioning and trial run of IBT Coils With accumulator & High Pressure float valve system at Milk Chilling Centre Rajgarh.	30,000/-	1000/-	18.11.2020 03.00 PM	19.11.2020 03.00 PM

CHIEF EXECUTIVE OFFICER

**BHOPAL SAHAKARI DUGDHA SANGH MARYADIT HABIBGANJ
BHOPAL**

NOTICE INVITING TENDER

S.NO.	PARTICULAR	DETAILS OF WORK
1.	Name of Works	Supply, installation/commissioning and trial run of IBT Coils With accumulator & High Pressure float valve system at Milk Chilling Centre Rajgarh.
2.	Location of Work	Milk Chilling Centre Rajgarh.
3.	Delivery Period	One month from date of PO/WO.
4.	Earnest Money Deposit	EMD RS. 30,000/-
5.	Cost of Tender Document	Rs. 1000/- (One Thousand Only), Through Online mode/medium
6.	Tender Document Details	Annexure-I - General Terms & Conditions Annexure-II - Specifications of material tube to be used for I.B.T. coil Annexure-III - FORM A & FORM B Annexure-IV - Price Bid Annexure-V - Check List
7.	Place of Purchasing Tender Document	www.mptenders.gov.in
8.	Place of Submission of Tender Document	www.mptenders.gov.in
9.	Last Date for Receipt of Tender	18.11.2020 ; till 1500 HR
10.	Date of Technical Bid Opening	19.11.2020 ; at 1500 HR
11.	Date of Financial Bid Opening	WILL BE INTIMATED SEPARATELY TO TECHNICALLY QUALIFIED BIDDERS.

General Terms & Conditions for tender submission & machine supply

Scope of Work:

Bhopal Sahakari Dugdha Sangh Mydt, Bhopal (BSDS), an ISO certified cooperative organization, invites e-tender from experienced firms/ manufacturers/Fabricators for supply of IBT coils With accumulator & High Pressure float valve system strictly in adherence to the detailed specifications given in the Annexure II of the tender documents attached drawing is for reference only Bidders are advised to visit the site to understand the nature of work.

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 / by post will not be considered.
- 2.2 The tenderer(s) should clearly state in their offer the address, telephone, fax, e-mail, PAN and GST Number. 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 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. Bhopal 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 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.
- 2.5 The Tenderers should submit the tender rates as per the enclosed Schedule IV only online. The conditional tenders will be rejected.
- 2.6 No person or firm is permitted to submit more than one tender under different names.
- 2.7 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.
- 2.8 Demonstration of equipment, machines or articles available with the firm shall be arranged by the tenderer at his own cost, whenever requested by Bhopal Sah. Dugdha Sangh Mydt.
- 2.9 Tenderer shall fill all the details of the unit and technical details of machine exhibited for sale in the enclosed form- A,B in schedule-III. (To be uploaded – mandatory.)

- 2.10 Tenderer must be manufacturer/distributor/fabricator of the item.
- 2.11 Bidder shall understand the nature and amount of work and then quote his rates accordingly. Any changes in requirement of completion work will be sole responsibility of Bidder. BSDS will not pay any extra charges for that.

Bid Validity

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

Documents composing the Bid

Technical bid:

- Technical bid form filled (Form A & B)
- Documentary proof to qualify experience minimum five year of same nature ITR of last 03 years of work the eligibility criteria
- Bid Security(EMD)
- Technical Data related to the system offered
- All technical data, drawing and details required as per tender document.
- Tender document each page sealed and signed as token of acceptance to each and every terms and conditions

Commercial Bid

- Commercial Bid form Online

Bid price

Price indicated on the price schedule shall be inclusive of all duties. But excluding GST. GST percentage should be mentioned separately.

3.0 EARNEST MONEY DEPOSIT: Rs 30,000/-

- 3.1 All the tenderers are required to deposit Earnest Money 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. Earnest money deposit of unsuccessful tenderers will be returned within 30 days from the date of opening of the tender. The earnest money deposit of the successful tenderers will be released on completion of supply as the case may be within the stipulated period.
- 3.3 No interest will be paid on the earnest money for the period during which (the EMD) lying in deposit with Bhopal Sahakari Dugdha Sangh Maryadit.

4.0 PRICES:

- 4.1 Rate should be quoted for the machine 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 Bhopal Sah. Dugdha Sangh Mydt, in writing that such doubts may be removed before submitting the tender.
- 4.2 We would communicate our rate approval within 60 days of opening of tender.
- 4.3 The Tenderer should quote rate on FOR site basis with installation, commissioning and satisfactory trial run.

- 4.4 The tender should specify the rates quoted are exclusive of GST.
- 4.5 If need be, negotiations will be done for prices and as well as terms & conditions of material supply only with the party who 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 approving the tender.

5.0 MODE OF DESPATCH:

- 5.1 The material to be supplied by successful firm shall be dispatched to the specific location 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 dispatch of material/documents shall be the responsibility of supplier and shall be recovered from the bills.

6.0 DELIVERY SCHEDULE AND WORK COMPLETION: One month from date of PO/WO.

7.0 LIQUIDATED DAMAGES;

- 7.1 The time period and the date of delivery of the machine stipulated will be within 30 days. Delivery date are fixed for supply of machine 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.

- 7.2 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.

8.0 INSURANCE: Insurance is to be arranged by the tenderer.

9.0 Security Deposit

(1) Security Deposit should be paid by the contractor. The Security Deposit rate will be 10% Of Order Value:

Security Deposit shall not be refunded except in accordance with the terms of Security Bond or Agreement. Security Deposit may be furnished in anyone of the following Terms:

- i) Cash Deposit receipt, Pay Order, Demand Draft duly pledged in favor of Bhopal Sahakari Dugdh Sangh Maryadit.
- ii) The Bank Guarantee shall be kept valid until the due date for refund of Security Deposit.
- iii) No interest shall be allowed on Security Deposit. BSDS shall not be responsible for any loss of Securities due to liquidation for any other reasons, whatsoever or any depreciation in the Value of the securities while in their charge or for any loss of interest thereon.

All compensation or other sum of money payable by the Contractor to BSDS under the terms of this contract or under any other contract with BSDS may be deducted from the Security Deposit or from the interest arising there from or from any sum which may be due or may become due to the contractor by BSDS and in the event of this Security Deposit being deducted by reason of such deductions or sale, as aforesaid the Contractor shall within 7 days thereafter make good in cash or in securities endorsed as aforesaid any sum by which the Security Deposit has been reduced.

10.0 INSPECTION:

- 10.1 All the machines 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.

11. PAYMENT:

- (i) 70% payment shall be released after receipt of machine at site.
- (ii) Balance 20% after completion and successful trial run & rest 10% will be released after submission of Bank Guarantee equal to 10% of order value towards performance Bank Guarantee of one year from the date of commissioning.

12.0 PERFORMANCE GUARANTEE:-

If during the course of 12 months subsequent to the date of Commissioning of Machine, any goods found to be defective in materials or workmanship or develops defects during service (wherever applicable), the same shall have to be replaced by the supplier, free of all charges. All necessary arrangements on these accounts will be made by the supplier.

13. 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.

14. 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.

15. ARBITRATION:

All disputes between the parties to the contract, arising out of or relating to the contract, other than those for which the decision of the Managing Director, MPCDF Bhopal to be final and conclusive shall after written notice by either party to the contract to the other party be referred to the sole Arbitration of Managing Director, MPCDF Bhopal. Unless the parties otherwise agree, such reference shall not take place until after the completion, alleged completion or abandonment of the work of the determination of the contract.

Annexure-II

BHOPAL SAHAKARI DUGDHA SANGH MARYADIT, BHOPAL

SPECIFICATIONS OF MATERIAL TUBE TO BE USED FOR I.B.T.COIL WITH ACCUMULATOR & HIGH PRESSURE FLOAT VALVE SYSTEM

Qty Req : 1 No.

1. Supply & installation of cooling coils with accumulator & high pressure float valve system
2. The drawing attached is tentative and you may visit the site and take actual dimension of the complete coil before submitting offer.
3. The coil has to be supplied in disassembled condition and be finally welded and completed at site. Complete assembly is to be tested at 300 PSI before final handing over at site and a trial run will be conducted for minimum 15 days.
4. All welded joints at site must be covered with cold zinc spray properly.
5. All required valves and flanges must be suitable for NH3 application and class 300 SA.
6. All pipe lines must be NB CS seam less steel pipe of grade SA 106 schedule 40
7. Test certificate of material from reputed authorized lab should be supplied before inspection by BSDS official.
8. After assembling of coils all pipes must be dip galvanized for minimum thickness of 75-80 micron before dispatch at site and the same will be inspected at supplier's workshop by BSDS official.
9. Proper support must be provided to keep the coils intact after assembly inside the tank.
10. Supplier must have experience of similar installation and commissioning of NH3 refrigeration system/ coil with accessories. They should furnish the proof of the same at the time of submission of their offer in technical bid.
11. The scope of work coils from ice tank in phase manner & the damage of any type caused due to removal should be rectified by the bidder at his own cost.
12. Supplier shall have to complete the work without interruption in refrigeration system.
13. Completion period of supply, installation & commissioning of coils will be 60 days and penalty clause will be in effect thereafter.

Ice Accumulation coils

Refrigerant coils shall be fabricated of 32 mm heavy 'c' class as per IS 1239/32 mm NB CS Seamless steel pipe of grade SA 106 schedule 40. This should be intended to suit the operations of these coils with pumped liquid refrigerant (over feed system) Each coil is supplied from the liquid header through a fixed metering orifice to insure even distribution of liquid. The metering orifice provided for each spiral coil circuit shall be mounted preferably horizontally instead of vertically. The coils have positive grade from the top supply header to bottom suction (Wet return) header. The suction riser incorporates a lift fitting. Suitable provision shall be made for effective draining oil, if entrapped in coil.

Specification for Liquid Accumulator

Large horizontal cylindrical, type with dished ends, complete with electronic level control connected to liquid feeding solenoid valve for maintaining the pr set liquid level in the accumulator one each for each compartment of IBT coil. The flow of liquid refrigeration to

the chilled water coils shall be along with stop valve, Strainer solenoid valve by arrangement with the valve and a high pressure float valve system.

All submerged pipe work and supports shall be pasivated or sand blasted to bare metal and hot clip galvanized/spray galvanized as the case may be.

In case of hot dip galvanization wherever specified in the tender specification, the minimum zinc coating is 75 to 80 microns uniform thickness all around the surfaces.

Painting of IBT (Internal surface of the tank) :

The supplier shall thoroughly de-rust the ice bank tank side walls wire brush or sand blasted to the required grid and then apply one coat of 100 microns thick epoxy based high built primer followed by two coats of high built epoxy based paint of 100 microns thick for each coat of paint of approved make or equivalent and shade. After applying the second coat of finish paint as above, leave the surface undisturbed for CURING, as standard required, before installing the ice accumulation coil.

I.B.T COIL with accumulator & high pressure float valve system MATERIAL REQUIREMENT

FOR TANK (CWT) 06 Nos coils
Exis Tank MS Tank (CWT) Size- 10'(L)x7'(H)x5'(W)

S. NO.	PARTICULARS	NUMBERS
1.	32 mm NB CS seam less steel pipe of grade SA 106 schedule 40,32 mm x 2134 mm	48 Nos
2.	32 mm NB CS seam less steel 'U' bend of grade SA 106 schedule 40	42 Nos
3.	HEADER 100 MM NB CS seam steel of grade SA 106 schedule 40 pipe (HEADER) 100 mm x 1270 mm	2 Nos
4.	65 mm NB CS seam less steel pipe of grade SA 106 schedule 40 (suction & Header Line) - 75mmx10665 mm	1 Nos
5.	50 mm NB CS seam less steel pipe of grade SA 106 schedule 40 – 50 mmx2540 mm	1 Nos
6.	15mm NB CS seam less steel pipe of grade SA 106 schedule 40- (Liquid & oil drain line)15x50425 mm	1 Nos
7.	M.S. Angle support for coils 50x50x7mm x 1830 mm	12 Nos
8.	"U" Bolts and Nuts	96 Nos
9.	Ammonia toway valves 15mm	3 Nos
10.	Ammonia angle valve 3"	01 No.
11.	Liquid accumulator 457x1219x8mm	01 No.
12.	High Pressure float valve with assembly	01 No.
13.	Strainer with solenoid valve ½"	01 No.
14.	Agitator with motor 2 HP, 3 PH (Make- Kirloskar, Siemens, Crompton)	01 No.
15.	Chilled water tank partition with angle support sheet: 6 mm x 8'x7' (2438 mm x2137mm) Angle: 5x35x35	01 No.
16.	Suction line and accumulator complete Thermocol insulation and aluminum sheet 26 gauge covering . (Suction Line 40')	

17.	Digital thermo meter with PT 100 (One meter length)	01 No.
18.	IBT – Top wooden cover 5'x10' (Wooden 2 layers (1'x1'))	01 set

Annexure-III

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



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

To,
Chief Executive Officer
BSDSM, Bhopal

Dear Sir,
Please find enclosed herewith Online EMD transaction acknowledgement vide
No..... dtd..... for
Rs.....towards EMD deposit.

Seal & Signature of the of the tenderer

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



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

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)
: _____
Mobile 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/fabricatorCo.(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
11. Technical details of machinery shall be supplied.(enclose sheet if required)

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

Annexure-IV

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



Form – C

(PRICE BID)

TENDER NUMBER:	
NAME OF TENDERER:	

S. No.	DESCRIPTION	Rate/unit F.O.R Destination (Inclusive of Instal/comm. & Frt), exclusive of GST.
1.	IBT Coils, valves & other material using seamless steel pipe (as per scope of work and annexure II)	

(Seal & Signature of the tenderer)

Annexure-V

Check List

S.NO.	Qualifying Criteria	Details (Yes/NO)
1.	GST Registration No. (Scan Certificate to be attached Online)	TO BE FILLED BY BIDDER
2.	PAN Details. (Scan Document to be attached online)	
3.	Tender document with Signature and stamp (Scan Document to be attached online)	
4.	EMD Acknowledgement Receipt (Scan Document to be attached online)	
5.	FORM-A & FORM –B (Scan Document to be filled and attached online)	
6.	Firm Registration Certificate (Scan Document to be attached online)	
7.	ITR of work three years.	
8.	Experience certificate of same nature of work (any last five year)	