

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

AN ISO 9001 : 2000 Certified Organization

E-mail: bsdsim@gmail.com

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**Ref No: 46****Dated: 08/02/2018****SHORT TERM ( E-TENDER)-3<sup>rd</sup> call**

Bhopal Sahakari Dugdh Sangh Mydtd, Bhopal invites Online Tenders for **supply, installation/commissioning and trial run of IBT Coils at Milk Chilling Centre, Multai** from experienced firms/ manufacturers/Fabricators. The tender documents containing the terms and conditions can be purchased online & downloaded through website <http://www.mpeproc.gov.in> from 8.2.2018 05.00 PM 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.mpcdf.nic.in](http://www.mpcdf.nic.in).

Name of item	EMD (Rs)	Tender Fee (Rs)	Bid submission due date & time	Tender opening (Envelope-A)	Financial Bid Opening
<b>Supply, installation/commissioning and trial run of IBT Coils</b>	10,000/-	500/-	15.2.2018 2.30 pm	15.2.2018 3.00 pm	15.2.2018 3.30 pm

**CHIEF EXECUTIVE OFFICER**

**BHOPAL SAHAKARI DUGDH SANGH MARYADIT**

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**TENDER DOCUMENT**

Schedule I	:	General Terms & Conditions.
Schedule II	:	Specification & Qnty & EMD
Schedule III	:	Form A & B
(To be downloaded filled manually & scanned copy uploaded online.)		
Schedule IV	:	Price Schedule to be filled on line
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**

### Tender Details Annexure-I

Tender level Details			
Tender No: *		Tender Creation Date and Time:	
NIT No: *		Title: *	
Notice Invited for:	Tender	Stage:	<b>II</b>
Tender Call: *	<b>3<sup>rd</sup></b>	Currency:	Indian Rupee
Email: *		Division/Basin: *	
District:	<b>Bhopal</b>	Vendor Class: *	
Tender Category: *	<b>Procurement</b>	Tender Sub category: *	<b>Machineries</b>
Period of Completion (In months): *	<b>3 months</b>	Tender Type:	
Form Of Contract:		SOR:	
Name of Work: *	<b>Supply of IBT coils</b>	Work No: *	
Tender Fee details			
Probable Amount of Contract(PAC) in: *		EMD in :*	10,000/-
Cost of Document in: *	<b>500/-</b>	Processing Fee in :	
Important Dates			
Purchase of Tender Start Date : *	<b>8.2.2018 05.00 pm</b>	Pre bid meeting Date and Time:	
Purchase of Tender End Date: *	<b>15.2.2018 12.00 Noon</b>	Bid Submission End Date: *	<b>15.2.2018 2.30 pm</b>
Mandatory Submissions (Envelope A) Open Date: *	<b>15.2.2018 3.00 pm</b>	Technical Proposal (Envelope B) Open Date: *	
Financial Bid (Envelope C)Open Date: *	<b>15.2.2018 3.30 pm</b>		

\* Mandatory field

## **SCHEDULE - I**

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

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, 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 / 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.

**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 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 taxes & duties and other expenses.

GST percentage should be mentioned separately.

**3.0 EARNEST MONEY DEPOSIT: Rs.10,000/-**

3.1 All the tenderers are required to deposit Earnest Money as specified in tender document, for each item in the form of crossed Demand Draft / Bankers cheque of any Nationalised bank only in favour of “Bhopal Sahakari Dugdha Sangh Mydt, Bhopal”. EMD should be reach at Bhopal Sahakari Dugdha Sangh, Habibganj, Bhopal, PIN – 462024 on or before the tender opening time & schedule. 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 inclusive of all taxes.

- 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 LIQUIDATED DAMAGES:**

- 6.1 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.

- 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 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.

**9.0 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.

**10.0 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.

**11. 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.

**12. 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.

**13. DISPUTE ARBITRATION & FINAL AUTHORITY:**

- 13.1 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 Dugdha Sangh Mydt., in this respect will be final and binding on the successful tenderer.
- 13.2 For all matters of dispute, the decision of the Chief Executive Officer, Bhopal Sah. Dugdha Sangh Mydt. Under Arbitration and Conciliation Act. 1996 shall be final and binding on all the concerned.
- 13.3 For all disputes, the venue for legal course shall be at Bhopal.

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

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**BHOPAL SAHAKARI DUGDHA SANGH MARYADIT, BHOPAL**

**SCHEDULE-II**

***Tender Ref. No. BSDSM/IM/2018***

**SPECIFICATIONS OF MATERIAL TUBE TO BE USED FOR I.B.T.COIL**

**Qty Req : 1 No.**

**EMD (Rs): 10,000/-**

1. Supply & installation of cooling coils for Milk Chilling centre Multai
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 sight. 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 heavy "c" class (TATA) as per is 1239, 32 mm, 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 deep 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. They should furnish the proof of the same at the time of submission of their offer in technical bid.
11. The scope of work include removal of existing 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 1063 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.



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 MATERIAL REQUIREMENT  
FOR TANK (CWT-1 & CWT-2) 48 Nos coils**

S. NO.	PARTICULARS	NUMBERS
1.	32 mm NB CS seam less steel pipe of grade SA 106 schedule 40-32 mm x 3225 mm	576 Nos
2.	32 mm NB CS seam less steel 'U' bend of grade SA 106 schedule 40	528 Nos
3.	HEADER 100 MM NB CS seam steel of grade SA 106 schedule 40 pipe (HEADER) 100 mm x 2075 mm	8 Nos
4.	65 mm NB CS seam less steel pipe of grade SA 106 schedule 40 - 65mmx750mm	4 Nos
5.	50 mm NB CS seam less steel pipe of grade SA 106 schedule 40 – 50 mmx2100 mm	4 Nos
6.	15mm NB CS seam less steel pipe of grade SA 106 schedule 40- 15x2400 mm	4 Nos
7.	M.S. Angle support for coils 50x50x7mm x 1650 mm	96 Nos
8.	"U" Bolts and Nuts	1152 Nos
9.	Ammonia Angle valves 15mm	4 Nos

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



**SCHEDULE – III**

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

To,  
Chief Executive Officer  
BSDSM, Bhopal

Dear Sir,  
Please find enclosed herewith scan copy of DD No..... dtd..... for  
Rs.....towards EMD deposit. Original will be submitted before mandatory date &  
time.

**Seal & Signature of the of the tenderer**

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



**SCHEDULE – III**

**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/fabricator .....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
11. Technical details of machinery shall be supplied.(enclose sheet if required)

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

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



**SCHEDULE – IV**

**Form – C**

**(PRICE BID)**

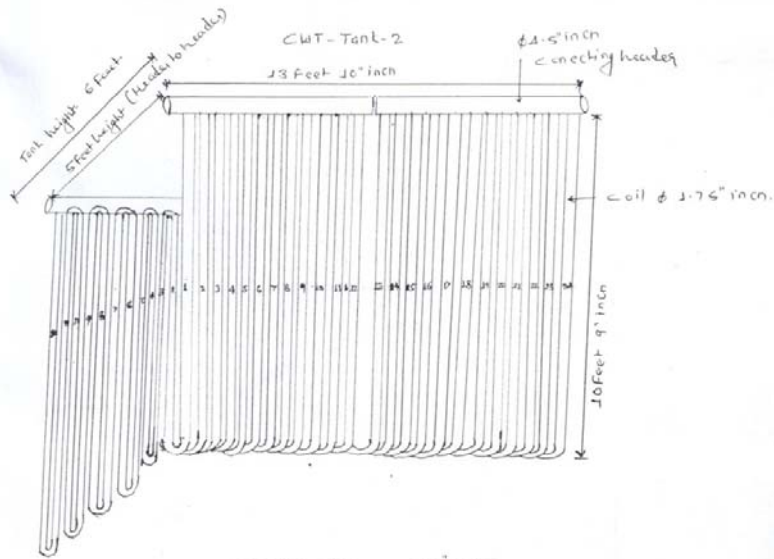
<b>TENDER NUMBER:</b>	
<b>NAME OF TENDERER:</b>	

S. No.	DESCRIPTION	Rate/unit F.O.R Destination (Inclusive of basic price, GST, Instal/comm. & Frt)
1.	IBT Coils, valves & other material using seamless steel pipe	

**OTHERS:**

- Delivery Schedule
- Warranty/ Guarantee:
- Any other information:

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



CWT<sub>1</sub> & CWT<sub>2</sub> Both are identical  
terms of dimension & No. of coils.

Dimension are for 1 Tank required  
+ 2.

Header dia - 4.5 inch

Coil dia - 1.75 inch

Length of header - 23 Feet 10 inch

Length of coil - 10 Feet 9 inch

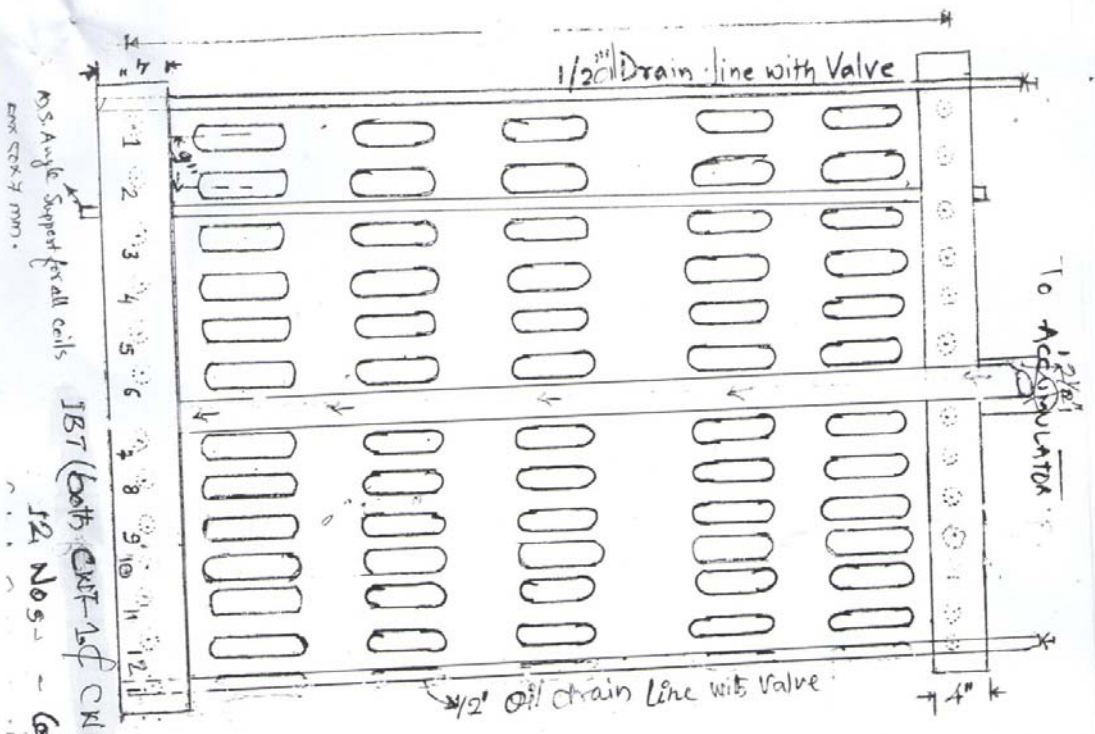
Height (header to header) - 5 Feet

No. of coil (L-R) -  $24 \times 2 = 48$  coils

No. of coil (V-D) -  $12 \times 2 = 24$  coils.

5 round two connecting header.

See



JB7 (Both CWT-1 & CWT-2)  
12 Nos - Coil = Core Set

Refined 4 sets (Hydro coils)  
129" One Coil  
(Only one coil of water Tanks)

