

इन्दौर सहकारी दुग्ध संघ मर्यादित, इन्दौर  
चांदा तलावली, मांगलिया, इन्दौर

हायड्रो न्युमेटिक सिस्टम स्थापना कार्य करने बाबद  
ई-निविदा ।

ई-निविदा जमा करने की अंतिम **दिनांक: 07.07.2020**  
**समय दोपहर 2.30 बजे ।**

इन्दौर सहकारी दुग्ध संघ मर्यादित,  
चांदा तलावली मांगलिया इन्दौर

ई-निविदा प्रपत्र मूल्य:- रू. 1,000.00

—: ई—निविदा सूचना :—

इन्दौर सहकारी दुग्ध संघ मर्यादित इन्दौर द्वारा अनुभवी निर्माताओं एवं आपूर्तिकर्ताओं से निम्न कार्यो की स्थापना हेतु ई—निविदा आमंत्रित की जाती है। निविदा प्रपत्र में वर्णित पूर्ण नियम शर्तें एवं तकनीकी विवरण अनुसार निर्धारित समय सीमा में कार्य किया जाना है। निविदा प्रपत्र ऑनलाइन मध्यप्रदेश की वेबसाइट [www.mptenders.gov.in](http://www.mptenders.gov.in) पर भुगतान कर क्रय किया जा सकता है। निविदा प्रपत्र मध्यप्रदेश दुग्ध महासंघ की वेबसाइट ([www.mpcdf.gov.in](http://www.mpcdf.gov.in)) पर भी देखा एवं पढ़ा जा सकता है। निविदा प्रपत्र क्रय करने की **अंतिम तिथि 07.07.2020 दोपहर 2.30 बजे तक।**

क्र	विवरण	कार्य मात्रा	अमानत राशि
1	इन्दौर दुग्ध संयंत्र में स्थापित सौपट वाटर प्रदाय सिस्टम में न्युनतम 30KLPH के फ्लो रेट से 4 से 5 बार प्रेशर पर पानी प्रदाय हेतु ऑटोमेटिक हायड्रो न्युमेटिक पम्पींग सिस्टम स्थापना कार्य ।	01 सेट	30,000 /—

मुख्य कार्यपालन अधिकारी

इन्दौर सहकारी दुग्ध संघ मर्यादित,  
चांदा तलावली मांगलिया इन्दौर

Schedule I	: General Terms and Conditions
Schedule II-	: Technical Specifications
Schedule III	: Mandatory Declaration Form (1) Form A
Schedule IV	: Commercial Price Schedule
Last date of purchase of Tender Form	: 07-07-2020 Time up to 2.30PM
Last date of online uploading of Tender Form	: 07-07-2020 Time up to 2.30PM
Last date of submission of Technical documents physically in office of Indore Sahakari Dugdh Sangh Maryadit, Indore	: 07-07-2020 Time up to 2.30PM
Time & Date of opening of Technical Bid Onwards and EMD	: 08-07-2020 Time 2.30PM
Pre-Bid meeting	: 04-07-2020 Time 2.30PM
Time and Date of opening of eligible Financial/Price Bids.	: After finalized technical bid
Place of opening of Bids	: OFFICE OF INDORE SAHAKARI DUGDH SANGH MARYADIT, INDORE
Address for Communications	: CHIEF EXECUTIVE OFFICER, INDORE SAHAKARI DUGDH SANGH MARYADIT, INDORE
Cost of Tender Form	: Rs.1,000/- (Rupees One Thousand only) (to be paid online)

**Chief Executive Officer**

# **SCHEDULE - I**

## **General Terms & Conditions to participate in tender and supply**

Indore Sahakari Dugdh Sangh Maryadit, Indore (ISDSM), invites online E- Tender through [www.mptenders.gov.in](http://www.mptenders.gov.in) from Bonafide Suppliers to supply, installation and commissioning . The hydro-pneumatic system at Indore Dairy plant as per technical details attached (Schedule-II)

C.E.O, Indore Sahakari Dugdh Sangh Maryadit., Indore reserves the right to accept or reject any or all tenders, which in their opinion justify such actions, without further explanation to the bidders.

### **1.0 DECLARATION :**

The submission of a tender by a bidder 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/work 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 Not more than one tender shall be submitted by a Bidder/Firm for each items.

2.2 Tender documents consisting of specifications, schedule(s) etc. of work to be done, the condition of contract and other necessary documents will be opened for inspection online and issued for sale for payment of Rs. 1,000/- (Rupees One Thousand Only) to be paid online on or before **07.07.2020 up to 2:30 PM.**

Note: Online Bidders are required to submit the physical EMD receipt along with other documents related to Technical Bid, within the time limit mentioned in the tender form at office of Indore Sahakari Dugdh Sangh Maryadit, Indore. Price Bid are to be submitted mandatorily online and shall not be accepted in any physical form.

Reference of the EMD is to be mentioned online and scanned copy of EMD receipt is to be up-loaded online on the site of [www.mptenders.gov.in](http://www.mptenders.gov.in)

In the first instance, Earnest Money shall be opened online and manually. If the Earnest Money is found proper, technical bid shall be opened in the presence of such bidders who choose to be present. The Financial offer shall be opened only if bidder meet the qualification criteria and availability of bid capacity as per qualification.

2.3 The bidder(s) should clearly state in their offer the address, telephone, fax, e-mail, PAN, Service Tax, GST Number and company profile. Any change in the address should immediately be communicated to the Chief Executive Officer, Indore Sahakari Dugdh Sangh Maryadit, Indore and correspondence thereafter will be made at the changed address.

2.4 Negligence on the part of bidder in filling the tender form offers has no rights to withdraw the tender after it has been opened.

- 2.5 Any bidder who submits/ reaching this office by courier or any other mode of physical Demand Draft as EMD after the prescribed time will not be entertained.
- 2.6 The acceptance of the tender and award of the purchase/work order will be the sole right of the Chief Executive Officer, Indore Sahakari Dugdh Sangh Maryadit, Indore 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 bidder.
- 2.7 The bidders should send their offers along with the specifications, work schedule necessary drawing, etc. which will form the basis of their quotation and integral part thereof.
- 2.8 The Bidders should submit the physical document along with the proof of EMD deposited in enclosed form only. The conditional tenders will be rejected.
- 2.9 Each page of the tender and its enclosure should be signed at the bottom by the bidder and to be uploaded.
- 2.10 The bidder cannot sublet the contract or assign to any other party or parties, the whole or any portion of the contract. If found so, the work order will be cancelled and party will be black-listed.
- 2.11 Bidder shall fill all the details of the unit in the enclosed form in Schedule-III
- 2.12 All bidders are requested to ensure visit on Dairy Plant, Talawali Chanda Mangliya Indore, to inspect the present condition of water supply system in working hours (10:30AM to 5:30PM) before submitting the tender form. Pre-bid meeting scheduled on 04-07-2020, 2.30 PM is also required to be attended.

### **3.0 EARNEST MONEY DEPOSIT:**

- 3.1 All the bidders shall be required to deposit Earnest Money online on mp.tenders portal. In tender notice Submissions of Earnest Money by any other mode other than specified above shall not be acceptable and the related tender shall not be eligible for consideration. Earlier EMD/SD lying with this office on any head will not be considered as EMD for this tender.
- 3.2 Any tender which is not accompanied by Earnest Money Deposit will be rejected. Earnest Money Deposit of unsuccessful bidders will be returned within 45 days from the date of opening of the tender. The EMD of first runner up will be returned after receipt of the material at Indore Dairy Plant. The Earnest Money Deposit of the successful bidder will be released on completion of supply/successful implementation, testing and warranty (minimum one year-both for supply and work) which covers maintenance. During the warranty period if services provided by successful bidder found not satisfactory then EMD will be forfeited by Indore Sahakari Dugdh Sangh Maryadit, Indore.
- 3.3 No interest will be paid on the Earnest Money for the period during which (the EMD) lies in deposit with the INDORE SAHAKARI DUGDH SANGH MARYADIT, INDORE.

#### **4.0 PRICES:**

- 4.1 Rate should be quoted for supply of parts, repairing installation, trial run and commissioning and maintenance services during the warranty period which should be of minimum one year period on F.O.R. Basis.
- 4.2 If the tendering unit has any doubt as to the meaning of any of the conditions or the specifications before submitting the tender, set forth the particulars thereof, and submit them to the INDORE SAHAKARI DUGDH SANGH MARYADIT, INDORE in writing in order that such doubt may be cleared.
- 4.3 The rates should be in figures as well as in words and no cuttings/overwriting in rates or material terms should be there in tender otherwise tender will be rejected.
- 4.4 Prices offered by the bidders should be firm and free from all escalations. The prices offered should be valid at least for a period of 30 days from the date of tendering the rates. We would communicate our rate approval within 07 days of opening of tender.
- 4.5 The bidder should quote rate F.O.R. destination.(Including transportation loading and unloading, crane charges, VAT/GST/Excise duty etc.)
- 4.6 The lowest rate shall not be the only criteria for awarding the tender.
- 4.7 Corrections, if any, in the tender should be noted over and signed at the places of each correction made.

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

- 5.1 All material and other accessories supply is the whole responsibility of successful bidder. All the labours working under the repairer must be safe guarder by the bidder. Safety and complete responsibility of all labours shall be of successful repairer and their legal obligations must be fulfilled by the repairer. The repairer must verify/ declare in the invoice that he must deposit ESI/EPF and other labour welfare funds as per government's norms.
- 5.2 Wharf age/Demurrage etc. on account of incorrect or delayed dispatch of material of documents shall be the responsibility of supplier and shall be recovered from bill.
- 5.3 Delivery schedule: The equipments required are in top most urgency and schedule of delivery, installation & commissioning desired is as under:
1. Spare parts – 10 days. { Work completion within month or earlier }
2. Repair work – 15 days. }

#### **6.0 LIQUIDATED DAMAGES:**

- 6.1 Once firm delivery date(s) are fixed, they shall be strictly adhered to. In case they are not followed, Indore Sahakari Dugdh Sangh Maryadit, Indore reserves the right either to cancel the order and make alternative purchases from other sources, at the risk and cost & expenses of the defaulting Bidder. In case the Bidder delays in supply of goods as per schedules, the liquidated damages will be charged as under:-

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

6.2 If the bidder fails to make supply as per work/purchase order without any valid reason, the order would be treated as cancelled and the firm may be blacklisted for future dealings and EMD/SD also would be forfeited by the management.

**7.0 TERMS AND CONDITION & PROTECTION TO WORK:**

7.1 The supplier shall effectively protect at his own expense, such work, equipment or material as may be liable to damage, theft or tampering during installation/ commissioning. Insurance charges, ESI deductions as per present labour law etc. for the above shall be borne by the supplier/repairer till handing over of complete installation to Indore Sahakari Dugdh Sangh Maryadit as per terms and conditions of contract.

7.2 The supplier shall arrange for safety and insurance, etc. of his people employed for erection and installation work as per ESIC Act workman compensation and any other provision to meet statutory requirement of various Labour Act/Rules. In case of accident to any of the workers during the period of installation, Indore Sahakari Dugdh Sangh shall not bear any liability whatsoever the entire responsibility primary and final in this respect will be that of supplier/bidder.

7.3 All persons engaged by the bidder shall be the contractor's own employee and they will claim no privileges from Dairy. The contractor will be directly responsible for the administration of the employees as regards general discipline and courteous behavior.

7.4 The Bidder will not take out of the Dairy premises any article/material/equipment etc. without a Gate Pass to be issued by the authorized person of the Dairy.

7.5 The bidder shall be responsible for all damages or losses to Dairy property by the bidder himself or his staff and shall be liable to make payment.

7.6 The bidder shall ensure that the personnel deployed by him are observed to adopt hygienic and safe act. Any act or practice which can cause or has the potential to cause financial loss to the Organization is liable for the financial penalty as imposed by the Dairy.

7.7 All personnel deployed by the bidder will comply with the industrial norms/practices to maintain industrial discipline and peace and the responsibility for enforcing and ensuring the compliance of the same shall be directly with the supplier/repairer.

7.8 Bidder shall comply with all statutory and/or administration requirement in connection with (i) personnel so deployed by the contractor in connection to the said work and (ii) their commercial arrangement.

7.9 Bidder shall be solely responsible for any claim, damage, compensation, etc. that may become payable to any of the person or persons deployed by the bidder in

connection with the work, in event of an accident or mishap resulting in any disability, injury or death of the person within or outside the premises of the Dairy. The Dairy shall not liable in any manner whatsoever either monetarily or otherwise for any accident or mishap as mentioned above.

- 7.10 Guarantee/warranty certificates in writing would be handed over after commissioning.
- 7.11 In case of defective items, the same shall have to be replaced by the party concerned at its own cost and risk and within stipulated time.
- 7.12 (A).The repairer must submit competent certificate of material for approval and ground inspection.  
(B)X-Ray of all welding and other repairing work must be produced.  
(C). Hydraulic test must be conducted and repairer have to prepare the system for inspection.
- 7.13 The successful bidder must produce challan in two copies of materials which he was supplied mentioning quantity, make etc. along with all certificates.
- 7.14 The successful bidder have to submit separate invoices against supply and repairing work.

## **8.0 INSPECTION:**

- 8.1 All the materials are subject to inspection at our works before acceptance. If goods are rejected due to defective or wrong supply, the report of our inspector 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 bidder within 05 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 credited to bidder account.

## **9.0 PAYMENT:**

### **(A). For Material Supply :-**

- 9.1 30% of the cost of material/spare parts shall be paid as advance within 03 days on submission of bank guarantee equivalent to same amount from a Nationalized Bank valid till the delivery of all the equipment/material at site.
- 9.2 60 % of the cost of equipment/materials shall be paid within 07 days after receipt of the full equipments/materials at site in good condition and successful passing of boiler.
- 9.3 The balance 10 % will be released after submission of a performance bank guarantee of a Nationalized bank for 10 % of the contract value (both material supply and repairer work) valid till the completion of guarantee period(12 Months from the date of commissioning).



9.4 In case the supplier do not willing to submit bank guarantee equal to 30% then 90% of total material cost will be paid after completion of successful work.

**(B). For Repair work :-**

9.5 90 % of repairing cost will be paid after successful completion of all work and successful trial run of system. Balance 10% will be released after one year or submitting Bank Guarantee of equal amount mentioned as above for one year.

**10.0 TERMINATION OF CONTRACT:**

10.1 If any act of commission or omission of a unit under contract brings Indore Sahakari Dugdh Sangh Maryadit, Indore to dispute, the CEO, INDORE SAHAKARI DUGDH SANGH MARYADIT, INDORE shall be competent to debar/blacklist the unit from further business.

**11.0 CONSEQUENCES OF BREACH OF AGREEMENT:**

11.1 If the authorized persons of the unit or a partner in the contract/biding firm commit breach of any of the conditions of agreement, it shall be lawful for the Chief Executive Officer, Indore Sahakari Dugdh Sangh Maryadit. Indore to cancel the contract and purchase or authorize to purchase stores at the risk and cost of the unit.

**12.0 DISPUTE ARBITRATION & FINAL AUTHORITY:**

12.1 It should be clearly understood that in the event of a successful bidder failing to accept and execute the supply order, then decision of the Chief Executive Officer, Indore Sahakari Dugdh Sangh Maryadit, Indore in this respect will be final and binding on the bidder.

12.2 Chairman, Indore Sahakari Dugdh Sangh Maryadit Indore will be the sole arbitrator and his decision shall be final and binding on all the concerned.

12.3 For all disputes, the venue shall be at Indore.

**13.0 CONSCENT LETTER:**

13.1 Successful bidder shall Submit a letter of consent in Rupees 1000.00(Rupees one thousand Only) Non Judiciable stamp paper as an agreement to work/supply the item mentioned above as per tender terms & conditions within 03 days of receipt of work order.

**14.00 SCOPE OF WORK:-**

1. Supply install and commission the suitable VFD controlled water pumping system ,integration of pumping system with distribution system as per specification in schedule II
2. To replace existing hydro-flow system along with lines, bends, flanges, replacement of damaged valves using existing softener, hydro flow tanks.
3. Pipe line – length and number of bends is as follows :-
  - (i) "C" Class GI Pipe 6" – jindal/Tata/or equivalent =33 RM
  - (ii) "C" Class GI Bends 6" – jindal/Tata/or equivalent = 24 Nos.
  - (iii) "C" Class GI Pipe 4" – jindal/Tata/or equivalent =300 RM
  - (iv) "C" Class GI Bends 4" – jindal/Tata/or equivalent = 24 Nos.
  - (v) "C" Class GI Pipe 2" – jindal/Tata/or equivalent = 33RM
  - (vi) "C" Class GI Bends 2" – jindal/Tata/or equivalent = 10 Nos.
  - (vii) Gate valves Brass for 6" pipe line = 6 Nos.
  - (viii) Gate valves Brass for 4" pipe line = 6 Nos.
  - (ix) Gate valves Brass for 2" pipe line = 6 Nos

**Signature & Seal of Bidder**

**Chief Executive Officer  
Indore Sahakari Dugdh Sangh Maryadit. Indore**

## **SCHEDULE – II**

### **TECHNICAL SPECIFICATION**

**We require a Hydro-pneumatic System for boosting of water pressure of our existing water supply system**

30 cum. to 35 cum. flow at 4 to 5 bar pressure.

**Detailed technical specification are under:-**

- Vertical multistage centrifugal pumps with inline suction and delivery parts.(minimum two pumps)
- The pump head & base may in CI and all other wetted parts like impeller's etc should be in ss-304.
- The pumps (minimum 2 pumps) are to be equipped with IE5 motor with inbuilt VFD suitable to operate on 415V-3phase ACC supply.
- The total system is to be equipped with all required instrumentations/controls PID's line filters, NRV's valves and suitable size of pressure tank required to run the system automatically to supply water at 30000 to 35000 LPH flow at constant pressure set between 4 to 5 bar

#### **Technical specification of pump**

Vertical, multistage centrifugal pump with inlet and outlet ports on same the level (inline). The pump head and base are in cast iron – all other wetted parts are in stainless steel. A cartridge shaft seal ensures high reliability, safe handling, and easy access and service. Power transmission is via a rigid split coupling.

The pump is fitted with a 3-phase, fan-cooled, permanent-magnet, synchronous motor.

The motor efficiency is classified as IE5 in accordance with IEC 60034-30-2.

The motor includes a frequency converter and PI controller in the motor terminal box. This enables continuously variable control of the motor speed, which again enables adaptation of the performance to a given requirement.

An operating panel on the motor terminal box enables setting of required set point as well as setting of pump to "Min." or "Max." operation or to "Stop". The Eye indicator on the operating panel provides visual indication of pump status:

- "Power on": Motor is running (rotating green indicator lights) or not running (permanently green indicator lights)
- "Warning": Motor is still running (rotating yellow indicator lights) or has stopped (permanently yellow indicator lights)
- "Alarm": Motor has stopped (flashing red indicator lights).

Communication with the pump is possible by means of GO Remote (accessory). The remote control enables further settings as well as reading out of a number of parameters such as "Actual value", "Speed", "Power input" and total "Power consumption".

The terminal box has a number of inputs and outputs enabling the motor to be used in advanced applications where many inputs and outputs are required:

- Two dedicated digital inputs
- Three analog inputs, 0(4)-20 mA, 0-5 V, 0-10 V, 0.5 - 3.5 V
- 5 V voltage supply to potentiometer and sensor
- One analog output, 0-10 V, 0(4)-20 mA
- Two configurable digital inputs or open-collector outputs
- Two Pt100/Pt1000 inputs
- LiqTec, dry-running protection sensor input
- Digital Sensor input and output
- 24 V voltage supply for sensors
- Two signal-relay outputs (potential-free contacts)
- GENIbus connection
- Interface for CIM fieldbus module.

**Chief Executive Officer**  
**Indore Sahakari Dugdh Sangh Maryadit. Indore**

## SCHEDULE – III

(Details of bidder to be submitted along with the offer)

I/We hereby furnish following particulars about our units:

1. Name of the Unit : M/s
2. Address of the Unit : 1. Office  
2. Factory
3. Name of Proprietor/Partner:  
with mobile No. & email id. 1.  
2.
4. **Technicians and their qualification :**  
Name with designation of  
Other person authorized to  
Sign the documents on  
Behalf of the unit, if any  
(Authority letter should be  
Produced)
5. Telephone Nos. Office : \_\_\_\_\_ Factory \_\_\_\_\_
6. Particulars of the Registration: \_\_\_\_\_  
IBR approved contractor  
Certificate Issued by the  
Competent authority  
(Registration No. & Date)
7. PAN Number/Service Tax number :  
GST Registration number  
:
8. EMD details:-  
D.D. No. ....Date:..... Name of Bank..... Amount Rs.....
9. Above all document copies should be submitted online.

**Signature & Seal of the Bidder**

## SCHEDULE - IV

### PRICE - BID

S. N	Description	Qty.	Place of Installation/work	Unit Price (Inclusive of all taxes) (In digit & In figure)
01	Supply install and commission the suitable VFD controlled water pumping system ,integration of pumping system with distribution system as per specification in schedule II	01 Job.	Indore Dairy Plant Talawali Chanda, Indore.	-----/Job
02	To replace existing hydro-flow system along with lines, bends, flanges, replacement of damaged valves using existing softener, hydro flow tanks.			
I	"C" Class GI Pipe 6" - jindal/Tata or equivalent	33 RM		-----/RM
Ii	"C" Class GI Pipe 4" - jindal/Tata or equivalent	300RM		-----/RM
Iii	"C" Class GI Pipe 2" - jindal/Tata or equivalent	33 RM		-----/RM
iv	"C" Class GI Bends 6"- jindal/Tata or equivalent	24 No.		-----/No.
v	"C" Class GI Bends 4"- jindal/Tata or equivalent	24No.		-----/No.
vi	"C" Class GI Bends 2"- jindal/Tata or equivalent	10No.		-----/No.
vii	Gate valves Brass for 6" pipe line with flanges (Heavy Duty)	6 Nos.		-----/No.
viii	Gate valves Brass for 4" pipe line with flanges (Heavy Duty)	6 Nos.		-----/No.
ix	Gate valves Brass for 2" pipe line with flanges (Heavy Duty)	6 Nos.		-----/No.

- Note :**
- 1. Rates of Item No. 2 (i to ix) should include supply and installation.**
  - 2. I/We have considered and included in our price quote that the legally bound deductions such as TDS/Service Tax/EPF/ESI etc.**
  - 3. I/We also agree to the condition that these rates are remain valid for the period of 90 (ninety) days.**

**Signature & Seal of the Bidder**