	BHOPAL SAHAKARI DUGDH SANGH MARYADIT **HABIBGANJ, BHOPAL 462024** AN ISO 9001 : 2015 Certified Organization E-mail: engg.bsds@gmail.com Phone 0755-2478250 Fax : 0755-2450896

Ref No: 05/Engg/BSDS/2023   **Dated: 28.04.2023**

NOTICE INVITING E-TENDER (Short Term)

Bhopal Sahakari Dugdha Sangh Maryadit, Bhopal (BSDSM), an ISO certified cooperative organization, invites online e tender work of installation and upgradation of SCADA run time license (02 Nos.) at Main Dairy Plant Habiganj Bhopal. The tender documents containing the terms and conditions can be purchased online & downloaded through following website http://www.mptenders.gov.in from 28.04.23 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 website: **www.sanchidairy.com/www.sanchibhopal.com.** CEO BSDS reserves all the rights to accept or reject any offer or all the offers without assigning any reasons thereto. Any changes/amendments will be notify on www.sanchibhopal.com only and not on at any other platforms.

Name of item	EMD (Rs)	Tender Fee (Rs)	Bid submission due date & time	Technical Bid opening Date & time
Work of installation and upgradation of SCADA run time license(02 Nos.) at Main Dairy Plant Habiganj Bhopal	10,000.00	500.00	03.05.23 03:00 pm	04.05.23 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	Work of installation and upgradation of SCADA run time license (02 Nos.) at Main Dairy Plant Habiganj Bhopal
2.	Location of Work	Main Dairy Plant Habibganj Bhopal
3.	Earnest Money Deposit	EMD RS. 10,000/- (Rs. Ten thousand Only)
4.	Cost of Tender Document	Rs. 500/- (Five Hundred Only), Through Online mode/medium
5.	Tender Document Details	Annexure-A - General Terms & Conditions Annexure-B - Form A Annexure-C - Price Bid Annexure-D - Technical Specification
6.	Place of Purchasing Tender Document	www.mptenders.gov.in
7.	Place of Submission of Tender Document	www.mptenders.gov.in
8.	Last Date for Receipt of Tender	03.05.23 ; till 1500 HR
9.	Date of Technical Bid Opening	04.05.23 ; till 1500 HR
10	Date of Financial Bid Opening	WILL BE INTIMATED SEPARATELY TO TECHNICALLY QUALIFIED BIDDERS.

General Terms & Conditions for tender submission & supply

Bhopal Sahakari Dugdha Sangh Maryadit, Bhopal (BSDSM), an ISO certified cooperative organization, invites online e tender Work of installation and upgradation of SCADA run time license(02 Nos.) at Main Dairy Plant Habiganj Bhopal. 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. **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. **TENDER SUBMISSION:**

2.1 Tenders received by e-mail will not be considered.

2.2 The tenderer(s) should clearly state in their offer the address, telephone, e-mail, PAN and GST Numbers. Any change in the address should immediately be communicated to the Chief Executive Officer, Bhopal Sahakari Dugdh Sangh Mydt, Bhopal and correspondence thereafter will be made at the changed address.

2.3 Negligence on the part of tenderer in filling the tender form offers him/her no right to withdraw the tender after it has been opened.

2.4 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. 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.

2.5 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.

2.6 Each tender should be accompanied with copy of PAN, GST Registration.

2.7 The tenderers should submit the rates online only. The conditional tenders are liable to be rejected.

2.8 No person or firm is permitted to submit more than one tender under different names.

2.9 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.

2.10 Tenderer shall fill all the details of the unit in form- A, in Annexure B. (To be uploaded – mandatory.)

Bid Validity
Bid shall be valid for a period of 90 days from the date of opening.
Documents composing the Bid
Technical bid: (To be uploaded online mandatory)

1.Form A filled with copy of PAN, GST Registration, Company/Firm Registration.

2.Online EMD transaction acknowledgement or EMD exemption certificate. (if applicable see **Sr. No. 3.2**)

Commercial/Financial Bid

Commercial/Financial Bid form online (submit online only)

Bid price

Price indicated on the price schedule shall be inclusive of pkg/frdg, freight if any. GST (to be shown extra)

3. **Earnest Money Deposit (Rs.** 10000.00)

3.1 EMD should be submitted online only and attach copy of proof for payment of EMD in technical bid.

3.2 **MSME industries** of **The Madhya Pradesh State** will be exempted from payment of the EMD of the tender.MSME certificate should be of relevant category of supplies/materials/works. (MSME Certificate to be uploaded online mandatory)

3.3Any tender which is not accompanied by Earnest Money deposit are liable to be rejected. Earnest money deposit of unsuccessful tenderers will be returned within 90 days from the date of opening of the tender. 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.

3.4 No interest will be paid on the earnest money for the period during which (the EMD) lies in deposit with Bhopal Sahakari Dugdha Sangh.Maryadit.

EMD may be forfeited:

- If successful Bidder/supplier fails/denies to perform work

- If any bidder/supplier withdraw its bid during the bid validity period

3.5 If need be, negotiations will be done for prices and as well as terms & conditions of material supply only with the party which offers the lowest rate.

3.6 No price escalation/change of offered discount will be accepted in the future with the intention of benefiting any tenderer.

The lowest rate/discount shall not be the only criteria for approving the tender.

4.0   LIQUIDATED DAMAGES;

4.1Delivery date 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 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:-

4.2 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.

4.3 If the qualified tenderer fails to make supply the materials as per specification, BSDS Bhopal will have right to purchase materials from the other bidders whom participated in the same tender and willing to supply the material on L-1 approved rates for which BSDS will take the consent of other bidders too. For the issue of purchase order the proportionate ratio will be 60:40. The L-1 bidder fails to supply materials then the entire requirement shall be fulfilled through the other bidders and if the other bidders didn't agree to supply the material on L-1 approved rates the difference amount would be charged from deposited EMD or their pending bills of L-1 bidders.

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

6.0   PAYMENT

   90% payment shall be released after Supply, Installation and Completion of work & rest 10% along with EMD will be released after 03 month from the date of work completion.

7.0   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.

8.0   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.

9.0   DISPUTE ARBITRATION & FINAL AUTHORITY:
9.1   It should be clearly under stood that in the event of a successful tenderer failing to accept and execute the supply order, then decision of the Chief Executive Officer, Bhopal Sahkari Dugdha Sangh Mydt., in this respect will be final and binding on the successful tenderer.
9.2   In any case of dispute between material / services supplier and Bhopal Sahakari Dugdha Sangh matter will be presented to MD, MPCDF for resolution.
9.3   All disputes between renderers and BSDS matter will be put to MD, MPCDF for resolution. In case no resolution action will be taken as per Arbitration Act. 1996.
9.4   For all disputes, the venue for legal courses hall be at Bhopal.
9.5   If the tender opening date become any govt. holiday then the next day may considered for tender opening.

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

Form – A
(Filled and Scanned copy to be uploaded -mandatory)

To,
Chief Executive Officer   Date :
BSDSM, Bhopal

Dear Sir,
I/We hereby furnish below some particulars about our BSDSM/unit which will form a part of our offer submission:

1. Name of the Co./Unit :   _____
2. Address of the Co./Unit   :   _____
                                         _____
3. Telephone /Mobile Nos: :_____
    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/dealer/supplier/PRO of ………….Co.(with
     Proof)
8. GST NO ………………… dtd……………..
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

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

BHOPAL SAHAKARI DUGDHA SANGH MARYADIT HABIBGANJ, BHOPAL 462024

PRICE BID

[To be submitted online only]

NIT Ref. No.	
NAME OF BIDDER:	

S.No	DESCRIPTION	Qty	Price (In Rs.)
1	Work of installation and upgradation of SCADA run time license at Main Dairy Plant Habiganj Bhopal	02	

Note:- GST Extra

TECHNICAL REQUIREMENT

1. SOFTWARE (SCADA)

As software is the major component It should strictly follow below mentioned requirement

1) Application shall be designed in Microsoft Net Framework 4.5, and shall use WPF (Windows Presentation Foundation) for presentation, WCF (Windows communication foundation) for communication.

2) Development platform for software shall be a higher end programming language should Microsoft C# with Net Framework 3.5

3) Software should follow CSLA (Component Scalable Logical Architecture) and n-tier architecture

4) Software should support Cross Tab, aggregates along with drill down reports. Reporting should facilitate following-

5) It should support Charts following chart type for data presentation

1) Bar
2) Stacked Bar
3) Line
4) Area
5) Stacked Area
6) Pie
7) Gantt
8) Bezier Line
9) Spline line
10) Bubble
11) Point

6) Data support - It should have data support for SQL Server, My SQL, Oracle, OLEDB, Business Objects, XML, Web services and flat file for generation of Reports

7) Report Viewer - It should have windows and web report viewer

8) Software shall provide the facility for printing reports and exporting data to PDF, Word file excel file, TIFF, JPG, GIF, PNG, BMP and webpage.

9) Database Interactions - All database interactions shall be through ORM data mapped. It should support both forward (model-first) and reverse (schema-first) mapping, it should offer transparent persistence for DAL and business Objects All database queries should be through LINQ entities and should be done through Stored Procedures (No SQL Queries are permitted)

10) Software Unit Testing - Testing shall be done with simulation facility and vendor should provide Unit and Integration test cases along with actual results to BSDS All functions should be

tested with Rhino Mock 3.0 (with individual mocking) and in plant acceptance trial BSDS will conduct mocking test through Rhino Mock before deployment of software in production.

11) Software User Interface-

1) User interface shall be developed with all usability scenario considerations.

2) User Interface for 02 displays in centralized control room shall be based on WPF (Windows Presentation Foundation)

12) Software shall be based on event driven programming model composed of custom events and delegates.

13) Reception of Milk Milk reception from 02 tanker bays to Raw Milk HMST (04 Nos) through Chillers (02 Nos.)

14) Operation of chillers - Operation of chillers (02 Nos.)

1) Step 1-Start Flush
2) Step 2-Production
3) Step 3-End Flush

15) Operation of Pasteurizers - Operation of (02 Nos. of Milk Pasteurizer; and 01 Nos of cream Pasteurizer) pasteurizers. This shall facilitate (Process Milk Silos-06 Nos), It shall enable pasteurizers to work under selection of source HMST (Raw Milk HMST) and Destination silos miscellaneous sequence-

1) Step 1-Water
2) Step 2-Heating
3) Step 3-Sterilization
4) Step 4-Stabilization
5) Step 5-Filling/Start Flush
6) Step 6- Production