

MITHILA DUGDH UTPADAK SAHKARI SANGH LIMITED

Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar
Email: mithila.idis@gmail.com, Mob- 8407803045

MDUSS: PUR: Curd cup: 2551

Date- 03-07-2024

NOTICE INVITING TENDER (NIT)

(Through e-procurement mode only- www.eproc2.bihar.gov.in)

- 1 Name & Address of advertiser Managing Director
Mithila Dugdh Utpadak Sahkari Sangh Ltd.,
Industrial Area, P.O.– HarpurAlloth, Samastipur –
848103, Bihar
- 2 Date of issue of tender Date 03-07-2024 (Wednesday)
- 3 Period of downloading the e- tender documents by the bidders From Date 5-07-2024 (Friday) to 29-07-2024 (Monday) up to 17.00 hours
- 4 Date & Time of pre bid meeting Date 17-07-2024 (Wednesday) at 11.30 hours at
Mithila Dugdh Utpadak Sahkari Sangh Ltd.,
Industrial Area, P.O. – HarpurAlloth, Samastipur –
848103, Bihar
- 5 Last date & time for uploading the Tender documents (Techno-commercial & Financial bid) by the bidders Date 29-07-2024 (Monday) up to 17.00 hours on
www.eproc2.bihar.gov.in
- 6 Last date & time & place of for submission of original Instruments of EMD & cost of tender in sealed envelope. Date 01-08-2024 (Thursday) up to 17.00 Hours at
Mithila Dugdh Utpadak Sahkari Sangh Ltd.,
Industrial Area, P.O. – HarpurAlloth, Samastipur –
848103, Bihar
- 7 Date, time & place of opening of Techno commercial bid Date 02-08-2024 (Friday) at 12.00 hours at website
www.eproc2.bihar.gov.in
- 8 Date & time of opening of price bid Date & time will be communicated later subsequent to finalization of techno commercial bid. Place: at website www.eproc2.bihar.gov.in
- 9 Validity period of tender 120 (One Hundred Twenty) days only.
10. Details of works

SI no	Name of work item	Estimate d cost (Rs in lakh)	Bid Processing Fees in Rs	Bid document cost in Rs (nonrefund able)	Bid security (EMD @ 2 % of estimated cost)	Date of Completion for Entire work
1.0	<i>For Supply, supervision of erection and commissioning of PLC controlled servo-based indexing Rotary filler where the volume of product is adjusted from PLC type curd cup filling and sealing machine of 2400CPH(100,200,400gm) with conveyor(1.5 mtr) and suitable inkjet printer</i>	20.00	<i>As per service provider</i>	5000.00	40,000.00	60 DAYS
3.0	Rate should be FOR samastipur dairy samastipur					

The tender documents can be obtained through website www.eproc2.bihar.gov.in

11. For participating in E-tendering process the bidders shall have to get themselves registered to get user ID, Password and digital signature. This will enable them to access the www.eproc2.bihar.gov.in download/ participate in E-Tender. All tender queries related to this tender shall be communicated at www.eproc2.bihar.gov.in
12. (i) The bid processing fees shall be paid through on-line mode i.e. through internet payment gateway (Credit / debit card), net banking / NEFT / RTGS.
(ii) Bids along with necessary online payment must be submitted through e-procurement portal www.eproc2.bih.gov.in before the date & time as specified above. The department does not take any responsibility for the delay / non availability of internet connection, Network, traffic or any other reasons.
13. Bid document cost should be paid by bank draft of any nationalised/schedule bank in India in favour of "**MITHILA DUGDH UTPADAK SAHKARI SANGH LTD.**" Payable at "**Samastipur**" or on-line mode i.e. through internet payment gateway (Credit / debit card), net banking / NEFT / RTGS. The scanned copy of the bid document cost must be uploaded along with tender and original copy of the bank draft should be sent in sealed envelope superscribed with cost of Bid Document by registered post / courier / by hand to office of Managing Director, Mithila DugdhUtpadakSahkari Sangh Ltd., Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar
14. Earnest money @ 2% of quoted value to execute the project should be in the shape of D.D. of any nationalized/Scheduled bank in India in favour of **Mithila DugdhUtpadakSahkari Sangh Ltd** payable at **Samastipur** or on-line mode i.e. through internet payment gateway (Credit / debit card), net banking / NEFT / RTGS. The above instruments should be valid for for the minimum period of 180 days after date of receipt of tender.
15. Original bid document cost and EMD will have to be deposited in the office of office of Managing Director, Mithila DugdhUtpadakSahkari Sangh Ltd., Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar till last date and time of submission failing which the tender will be rejected.
16. All the information / corrigendum / addendum related to this project shall be published on the website www.eproc2.bihar.gov.in. The tender documents can be obtained through www.eproc2.bihar.gov.in

Further details can be obtained from the office of the Incharge plant, Mithila DugdhUtpadakSahkari Sangh Ltd., Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar, Mob. No. 8407803045. For clarification, regarding the e-tendering process, please contact e-procurement Helpdesk Telephone no. 18005726571.

Detailed NIT can be seen on website www.eproc2.bihar.gov.in

**The undersigned reserves the right to extend or cancel the tender/tenders at any time
Without assigning any reason thereof, No cost what so ever shall be claimed on such
Account by the bidder**

Managing Director

Mithila Dugdh UtpadakSahkari Sangh Ltd.

CC: Comfed, Patna – I Request to kindly display on their respective notice board
: All milk unions and units!
: www.sudha.coop and www.mithiladairy.com-for uploading till 29-07-2024
: All units notice board, MDUSSL, Samastipur
: All unit/sectional heads, MDUSSL, Samstipur

MITHILA DUGDH UTPADAK SAHKARI SANGH LIMITED
Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar
Email: mithila.idis@gmail.com, Mob- 8407803045

MDUSS: PUR: CURD CUP:2551

Date: 03-07-2024

TENDER NOTICE

Offer for sale for Supply, supervision of erection and commissioning of PLC controlled servo-based indexing Rotary filler where the volume of product is adjusted from PLC type curd cup filling and sealing machine of 2400CPH(100,200,400gm) with conveyor(1.5 mtr) and suitable inkjet printer

asked from Competent Suppliers and Manufacturers companies in two bid tender system for Samastipur Dairy, Samastipur at above address, a unit of Mithila Dugdh Utpadak Sahkari Sangh Ltd, Samastipur through e-tender. Detailed Tender Notice can be seen on website **www.sudha.coop** and **www.mithiladairy.com**. Tender shall remain active from **05-07-2024** to **29-07-2024** all details and tender documents could be downloaded from website **www.eproc2.bihar.gov.in**.

The undersigned reserves the right to reject any or all tender(s) at any stage of tender process without assigning any reason thereof. No cost whatsoever shall be claimed/entertained on such account by the bidder.

Managing Director

GENERAL TERMS

Scope of work – Contractor (successful bidder)

1. **Successful Bidder shall be installing PLC controlled servo based indexing Rotary filler where the volume of product is adjusted from PLC type curd filling where the volume of the product adjusted from PLC type curd cup filling and sealing machine of 2400 CPH(100,200,400)WITH CONVEYOR(1.5 mtr.) and suitable inkjet printer FOR basis in the premises of Mithila Dugdh Utpadak Sahkari Sangh Ltd., Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103**

Other Requirement

2. Earnest Money Deposit (EMD)

All bidders should deposit 2% of quoted amount for execution of complete project with the tender as EMD.

Earnest money should be in the form of D.D. of any nationalized/Scheduled bank in India in favour of “**Mithila Dugdh Utpadak Sahkari Sangh Ltd**” payable at “**Samastipur**” or on-line mode i.e. through internet payment gateway (Credit / debit card), net banking / NEFT / RTGS. The Original DD shall be submitted in a sealed envelope superscribing EMD for CURD CUP FILLING & SEALING MACHINE Tender to Managing Director milk union at Samastipur at above mentioned address on/before last date and time.

All Bidders may note that EMD submitted in the form of cheque will not be considered. Any tender bid which is not accompanied with the EMD will be summarily rejected and no exemption shall be granted to any bidders in this regard.

EMD of unsuccessful bidders would be returned within 60 clear days from the date of opening of the tender bids. However, no interest shall be paid on the EMD for the period which it lies with the milk union. EMD of successful bidder would be returned after successful commencement of delivery of steam (COD). Scanned copy of the DD of EMD be uploaded along with tender bid.

3. **Liquidated Damages**

The time allowed for carrying out the work as entered in the tender shall be strictly observed by the vendor and shall be reckoned from the date the site is handed over to the contractor.

The work shall throughout the stipulated period of the contract be preceded with all diligence (time being essence of the contract on the part of contractor). If vendor does not complete the work in stipulated time as per specification, penalty will be imposed on him @0.5% of the contract value per 15 days of delay subject to a maximum of 5 % of the contract value. Beyond this period purchaser may decide to terminate the order at the selected bidder cost.

4. Cost of Tender document of Rs. 5000.00 (Rupees Five thousand only) must be deposited by the bidder before submitting the tender document in the form of D.D. of any nationalized/Scheduled bank in India in favour of **Mithila Dugdh Utpadak Sahkari Sangh Ltd**. Payable at “**Samastipur**” or on-line mode i.e. through internet payment gateway (Credit / debit card), net banking / NEFT / RTGS. The scanned copy of the bid document cost must be uploaded along with tender and hard copy of the same must be sent in sealed envelope super scribed with cost of bid documents and sent to the office of Mithila Dugdh Utpadak Sahkari Sangh Ltd., Industrial Area, P.O. – Harpur Alloth, Samastipur – 848103, Bihar through registered post / courier / by hand on/before the last date.
5. All the information / corrigendum / amendment related to this project shall be obtained from the website www.eproc2.bihar.gov.in.

- 6 Further details can be obtained from the office of in charge Product (8407803014), Mithila Dugdh Utpadak Sahkari Sangh Ltd, Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar.
- 7 Bidders must upload copies of their valid certificates of pan/GST, and other prequalifying terms etc with techno commercial bid. All these certificates should be valid as on the date of opening of technical bid of the tender.
- 8 Bidders will also submit the hard copies of the original PAN, GST registration prequalifying document on demand.

Managing Director, Mithila Dugdh Utpadak Sahkari Sangh Ltd reserves the right to reject any or all tender / extend or cancel the tender/tenders at any time without assigning any reason thereof, No cost what so ever shall be claimed/ entertained on such account by the bidder.

S/d
Managing Director

Mithila Dugdh Utpadak Sahkari Sangh Ltd, Industrial Area, P.O. –
HarpurAlloth, Samastipur – 848103, Bihar

SECTION – 01

Pre-Qualification terms

1. a) *For Supply, supervision of erection and commissioning of PLC controlled servo-based indexing Rotary filler where the volume of product is adjusted from PLC type curd cup filling and sealing machine of 2400CPH(100,200,400gm) with conveyor(1.5 mtr) and suitable inkjet printer basis to Samastipur Dairy at Mithila Dugdh Utpadak Sahkari Sangh Ltd., Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar*

(2.0) Pre-qualification terms for bidders to participate in the bid

Participating bidders must satisfy the following criteria to make their bids technically and commercially acceptable to Mithila Dugdh Utpadak Sahkari Sangh Ltd., Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar. They shall submit the copies of the following documents along with their bid:

Sl. no	Pre qualification terms
1	Participating bidders / Bidders Company must be a registered company anywhere in India. Bidders must submit the self-attested copy of registration of their company.
2	Bidder Company or its associate company or its director / partner should have experience in installation & running of similar plants on FOR basis in India. Bidders or its associate company or its director / partner having experience of operation & maintenance of CURD CUP FILLING & SEALING MACHINE required capacity or higher capacity in India on FOR basis shall also be considered. Bidders Company or its associate company or its director / partner must upload the scanned copies of agreements / Work orders of Minimum one such type of Filling and Sealing machine they have installed and operating the same in India. Preferable Bidder shall submit the relevant proof.

3	Bidders or its associate company or its director / partner should have experience of manufacturing & supply of PLC type curd cup filling and sealing machine of 2400CPH(100,200,400gm) in India. Please upload at least two copies of supply order from any client. Bidder shall submit the relevant proof.
4	Bidders must submit the scanned copy of their Company's PAN card and GST Registration.
5	Bidders must submit a self-affidavit of relationship with the associate company or proof of director / partner in the associate company for additional supporting of experience.
6	Bidders or its associate company average financial Turnover of FY 2021-22, FY 2022-23and FY 2023-24 . Bidder must upload the Annual report OR Turnover of its associate company for FY 2019-20, FY 2020-21and FY 2021-22(Projected Annual return of FY
7	<u>Cost of Tender Document:</u> Bidders shall submit the cost of tender for purchase of the tender document. It shall be in shape of a Bank Draft of Rs. 5,000/- (Rupees Five Thousand) only(non-refundable) issued by any scheduled / nationalizedbank in India drawn in favour of Mithila Dugdh Utpadak Sahkari Sangh Ltd, payable at Samastipur or on-line mode i.e. through internet payment gateway (Credit / debit card), net banking / NEFT / RTGS. The Tender Document can be downloaded from the website www.eproc2.bihar.gov.in . Bidder must upload scanned copy ofthe cost of tender documents along with other documents with the techno-commercial bid on due date & time as given in Notice inviting tender and original DD in sealed envelope be reached to the office of Managing Director, Mithila Dugdh Utpadak Sahkari Sangh Ltd, Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar before/on the last date.
10	<u>Earnest Money deposit (EMD)</u> – Earnest money shall be @ 2 % (Two percent) of the quotedcost to execute the complete project. Participating bidders are required to upload the instrument for EMD along with Techno Commercial Bid. It shall be in shape of a Bank Draft issued by any scheduled / nationalized bank in India drawn in favour of “Mithila Dugdh Utpadak Sahkari Sangh Ltd”, payable at “Samastipur” or on-line mode i.e. through internet payment gateway (Credit / debit card), net banking / NEFT / RTGS. Bidders must submit the original DD in a sealed envelope super scribing EMD for the Curd cup filling & sealing machine tender, date and name of tenderer on envelope on/before due date & time as given in Notice inviting tender in the office of Managing Director, Mithila Dugdh Utpadak Sahkari Sangh Ltd, Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar. Note :- (1) Amount of EMD of unsuccessful bidders shall be returned in 60 clear days after the date of opening of the tender. No interest will be given on the EMD amount for the period. (2) Amount of EMD of successful bidder shall be returned after commencement of supply of steam byMithila Dugdh Utpadak Sahkari Sangh Ltd., Industrial Area. No interest will be paid on EMD amount for this period.

SECTION -02

GENERAL TERMS & CONDITIONS

(1.0) Taxes & Duties

Taxes & duties will be extra if applicable for supply of curd cup packing machine.

(2.0) Arbitration

Any dispute or difference arising under this Contract shall be referred to Managing Director, Mithila Dugdh Utpadak Sahkari Sangh Ltd and he will be the sole arbitrator and his decision should be binding on all.

(3.0) Jurisdiction

Notwithstanding anything contained in any other law, the courts in the city of Samastipur along shall have jurisdiction in respect of all or anything arising under this contract and any award or awards made by the sole arbitrator hereunder shall be filed in the courts in the city of Samastipur (Bihar) only.

(4.0) Safety Regulation

Contractor shall follow security check and safety requirements of Mithila Dugdh Utpadak Sahkari Sangh Ltd, Industrial Area, P.O. – Harpur Alloth, Samastipur – 848103, Bihar

(5.0) Validity of bid

The bid shall be kept valid for 120 days from due date of opening bid, validity shall be extended if so advised by Managing Director, Mithila Dugdh Utpadak Sahkari Sangh Ltd, Industrial Area, P.O. – Harpur Alloth, Samastipur – 848103, Bihar.

(6.0) Right of Acceptance / Rejection

Mere issue of tender document and submission of bids does not necessarily qualify for consideration of bids. Mithila Dugdh Utpadak Sahkari Sangh Ltd., Industrial Area, P.O. – Harpur Alloth, Samastipur – 848103, Bihar reserves the right to accept or reject any or all tender either in part or in full without assigning any reason whatsoever without entertaining any claim.

(7.0) Tender Submission

The offer shall be submitted as per guidelines and advised to submit all qualifying terms through www.eproc2.bihar.gov.in.

SECTION – 03

INSTRUCTION TO BIDDER

(1.0) **Earnest Money Deposit:**

Earnest Money Deposit (EMD) in form of DD to be submitted in the form of Demand Draft in favor of “**Mithila Dugdh Utpadak Sahkari Sangh Ltd**”. payable at “**Samastipur**” or on-line mode i.e. through internet payment gateway (Credit / debit card), net banking / NEFT / RTGS.

The amount of EMD shall be two percent (2 %) of the quoted cost to execute the project.

(2.0) **Cost of Tender document:**

The cost of tender document Rs 5,000 (Rupees Five Thousand) only to be submitted in the form of Demand Draft drawn in favor of “**Mithila Dugdh Utpadak Sahkari Sangh Ltd**”. payable at “**Samastipur**” of any nationalized/schedule bank in India for purchase of tender document or on-line mode i.e. through internet payment gateway (Credit / debit card), net banking / NEFT / RTGS. The cost of tender document should be uploaded with the Techno Commercial bid. Cost of the tender document shall be non -refundable.

(3.0) Sealed Envelope containing the EMD & Cost of tender document shall be kept in a separate envelope. Finally, the two envelopes shall be kept in 3rd envelope super scribed with tender no, Name of work and with address of the bidder to the address as mentioned to reach on/before the due date and time.

(4.0) Evaluation of Techno commercial bid / Pre-qualification terms:

- Tenders of those bidders who fulfill the criteria laid in pre-qualification terms only be considered for opening of their Price Bid.
- Incomplete / invalid tenders are liable for rejection and no correspondence will be entertained in case of rejection.
- Bidders / agencies are subject to be disqualified, even though they meet the qualifying criteria, if they
- Make misleading or false representations in the request, statements and attachments submitted in proof of qualification requirements including holding information and / or have record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures, requesting for claims not admissible under the contract conditions, etc.

(5.0) Tender Documents duly filled shall be uploaded by bidders within the last date of submission as mentioned in the tender notice. The last date for uploading tender and receipt of DD for tender document cost and EMD will not be extended unless otherwise specified. If the last date is declared a holiday for Mithila Dugdh Utpadak Sahkari Sangh Ltd. for any reason, the next working day will be treated as the last date for uploading of Tender document and receiving DD for tender cost and EMD.

(6.0) **General Information's/Guidelines for Bidders:**

- (6.1) should a bidder finds discrepancies or omissions or any of the tender documents or should be in doubt as to their meaning he should at once address to the authority inviting tender for clarification. Every Endeavour is made to avoid any errors which can materially affect the basis of the tender but the successful bidders shall take upon himself to provide for the risk of any error which may be subsequently discovered and shall make no subsequent claim on account thereof. The decision of Mithila Dugdh Utpadak Sahkari Sangh Ltd. shall be final and binding on the tenderer in this respect.
- (6.2) While quoting their rates, the bidders are advised to take into account all factors of any fluctuations in the market rates, etc. No claims will be entertained on this account after acceptance of the tender
- (6.3) If a bidder withdraws his offer after submission of his tender, fails to start the work in accordance with the instructions of the Managing Director, Mithila Dugdh Utpadak Sahkari Sangh Ltd. the Earnest money deposited by him may be forfeited without prejudice to any other remedy available to the company under the contract.
- (6.4) The earnest money deposit is also liable to be forfeited in case Mithila Dugdh Utpadak Sahkari Sangh Ltd. feels that the tender is not bonafide or the tenderer modifies or revokes the tender during the period the tenders are kept open. The decision of Mithila Dugdh Utpadak Sahkari Sangh Ltd. whether a tender is bonafide or not, is final and conclusive, and is binding on the tenderer. The earnest money is also liable to be forfeited in case the tenderer produces false information or documents to take the tender.
- (6.5) Conditional tenders (in Price bid or Technical bid) will be liable for rejection. Mithila Dugdh Utpadak Sahkari Sangh Ltd. reserves the right to accept or reject the tenders with deviation. Request/demand for modifications/changes in Technical or Price bid after submission of bids will not be accepted. In both these cases, EMD of the tenderer will be forfeited. Tenders, who are incomplete, otherwise considered defective and tenders not in accordance, with tender conditions laid down by Mithila Dugdh Utpadak Sahkari Sangh Ltd. are liable to be rejected.
- (6.6) Tenders NOT COMPLETE IN ALL RESPECT as detailed in the tender document are liable to be rejected.
- (6.7) This tender notice / Tender Document shall be deemed to form an integral part of the contract to be entered for this work.
- (6.8) The acceptance of the tender rest with Mithila Dugdh Utpadak Sahkari Sangh Ltd, Industrial Area, P.O. – HarpurAlloth, Samastipur – 848103, Bihar.
- Mithila Dugdh Utpadak Sahkari Sangh Ltd. does not bind to accept the lowest tender. All tenders, in which any of the prescribed conditions are not fulfilled or are incomplete in any respect, are liable to be rejected.

- (6.9) The contract is non transferable & cannot be sub contracted.

Note For consideration of the bidders:

1. Tender to be submitted on or before the due date & time.
2. No correction / editing in the content of tender document is permissible, in case any modification / editing is noticed the tender will be rejected summarily.
3. Mithila Dugdh Utpadak Sahkari Sangh Ltd. reserves the right to issue / accept any tender, in part or in full or to reject any or all tenders without assigning any reason thereof. Issuance of document shall not be automatically construed qualification of intending tenders.
4. Bidders are advised to keep in touch/visit with the dairy for further corrigendum/ amendment if any, on the tender till last date of issue of tender.
5. The contractor applying for tender, shall furnish the credentials as asked in tender document for Pre qualification & Technical Qualification.
6. Contractors registered also need to submit all credentials.
7. Mithila Dugdh Utpadak Sahkari Sangh Ltd. shall not be responsible for the delay or non - receipt of the tenders submitted by the post/courier/hand drop.
8. Email / Fax offer will be rejected.
9. Late offers will be rejected.
10. The terms and conditions in the Scope of work wherever applicable will supersede the relevant general terms & conditions.
11. The contractor's responsibility for this contract shall commence from the date indicated in the order of acceptance of his tender.
12. During the contract, the contractor shall be responsible to make good of all defects or damages which are due to defective workmanship / use of substandard materials at free of cost. If the contractor fails to make good such defects or damages even after intimation to him within a reasonable time. Mithila Dugdh Utpadak Sahkari Sangh Ltd. shall get the same rectified as deemed fit at the contractor's risk and the expenditure incurred by Mithila Dugdh Utpadak Sahkari Sangh Ltd. shall be recovered from any bills or deposits of the contractor either pertaining to this contract or from any other contracts.
13. Words imparting the singular number shall also be deemed to include the plural number and vice versa where the context so requires.
14. If there are varying or conflicting provisions made in any one of the documents forming part of the contract, Mithila Dugdh Utpadak Sahkari Sangh Ltd. shall be the sole deciding authority with regard to the intention of the document and its decision in this respect shall be final and binding.
15. The tenderer shall not increase his quoted rates in case Mithila Dugdh Utpadak Sahkari Sangh Ltd. for any reasons whatsoever.

16. Canvassing in any form in connection with the tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to be rejected.
17. These instructions to tenderers shall be deemed to form an integral part of the contract.
18. Acceptance of work/ LOI / Work Order, Signing of Contract, Submission of Security Deposit & Start of work
 - (i) Mithila Dugdh Utpadak Sahkari Sangh Ltd. will notify the successful Bidder that its bid has been accepted; Mithila Dugdh Utpadak Sahkari Sangh Ltd. will send the bidder the Acceptance letter / LOI / Work Order and Contract agreement copy incorporating all agreements between the parties. The acceptance letter / LOI / Work order also forms part of the contract document and you are requested to sign the copy of Acceptance letter / LOI / Work Order and sent the confirmation of concurrence to the office of the Managing Director, Mithila Dugdh Utpadak Sahkari Sangh Ltd. within 15 days of acceptance letter failing which it would be deemed that you are not interested in the work and action as per contract conditions will be taken.
 - (iii) The earnest money deposit by the successful bidder will be returned after beginning of steam supply steam. EMD of unsuccessful bidders will be returned to them after 60 days of tender award. However, no interest will be given in either case for the period of deposit lying with the department.

(19) CONDITIONAL TENDERS:-

All conditional tenders / quotes which are in contravention to Mithila Dugdh Utpadak Sahkari Sangh Ltd. contract conditions will be rejected unless even without the pre conditions / conditions, the tenders are L1
However, an undertaking to be is to be given in technical bid that no conditions are imposed in their price bid.

Technical specification of curd cup filling and sealing machine of 2400CPH(100,200,400gm)

(1.0) FUNCTIONAL REQUIREMENT

- (2.0)** The technical specification of required shall be as follows:-
:

ANNEXURE I
TECHNICAL SPECIFICATIONS

SERVO BASED ROTARY CUP FILLING MACHINE – MAKE: IDMC / ISF / PWS/ RMC, OR
EQUIVALENT

Functional Requirement: The machine is PLC controlled servo-based indexing rotary filler, where the volume of the product is adjusted from PLC. The speed of the machine can be adjusted by the change of the speed set point in the control panel. Automatic cup dispensing, vacuum dust removal, curd filling, foil placing, heat sealing, and ejection are the stations which

control total process. All the processes are controlled through electro pneumatic operations.

SERVO BASED ROTARY CUP FILLING MACHINE

Servo-based rotary cup filler machine Parameters	Rated specification CFM
Production	38-40 Cup/min 36-38 Cup/ min 32-34 Cup /min
Filling Accuracy	As per weights & measures department, but not exceeding $\pm 2 \%$.
Servo motor power (kW)	1.5
Material of Construction (MOC):	All product contact surfaces including frame and rotary indexing table are to be stainless steel AISI-304 grade/ food grade material.
Finish:	All welding joints are to be ground smooth and all surfaces to be finished to 150 grit.
CIP:	Machine should have suitable arrangement for cleaning in place. The machine top should have proper sealing to prevent leakage down in the chamber.
Cultured Milk Tank:	Cultured milk will either be pumped or flow by gravity from this tank to the machine balance tank from where the cultured milk should flow to the filling heads.
Control Panel:	A control panel made out of SS AISI-304 grade, 1.6mm thick sheet material with IP55 protection construction, pre-wired having contactors, relays, indicators start push built ions etc. with all controls & PLC and HMI incorporated in it.
Control System	PLC based circuit with HMI for the complete operation & regulation of functions
Pneumatic working system	5.2 BAR
POWER SUPPLY	3 phase 440V AC control circuit 24 VDC
Filling volume	100-400 ml (Variable)
No of Lanes	1 with Double indexing
Drive	Servo
Control	PLC
Operation	Touch screen 7" (HMI) (Min ^m)
Filling movements	Pneumatic

Machine should have following essential features:

1. Servo Motor and Servo Drive of Mitsubishi / Siemens/ABB /Sew make.
2. Fully Automatic PLC Controlled.
3. No cup, No Filling, No Foil Placing.
4. No Foil, No Sealing.
5. Any of the stations can be manually on/off by operator while machine is running.
6. The malfunction of the machine gets displayed on HMI in alarm tab.
7. Visual error message generates in HMI if more than two cups are released or placed on the machine.
8. Indication of low cups, and low lids in all magazines.
9. Automatic control for maintaining uniform heater temperature. Set value and present value. are displayed on HMI.
10. Heater temperature is regulated by advanced PLC control block using a single-phase power. controller, known for its superior efficiency and reliability compared to SSR controller devices.
11. Clamp-type nozzle heaters for better durability, consistent temperature, and easy replacement and maintenance.
12. All necessary safety protection devices (MCB with trip feedback,) are used for servo amplifier.
13. **Electric reed switches are provided on the air cylinders for safety interlocking. For the incoming power supply, provide MCCB.**
 14. **RCBO (30mA) to be provided for human safety.**
 15. **Under Low air pressure, machine will not start up if working pressure goes below 5.25Bar.**

The consists of following main units :

- 1) Cup Dispenser
Cup dispenser consisting of rods which are mounted on a magazine plate. A slider is for releasing the cups one by one in cup socket. Under the magazine plate is mounted a Pneumatic-mechanical cup suction with a vacuum head which will move up and bring the cups down into the cup socket. Approx. 100 cups can be stacked in a stacker.
- 2) Vacuum Dust removal station
A small pneumatic vacuum flow nozzle provided in vacuum dust removal the nozzle will close the cup and suck the loose foreign particle if any. The Particles which are stuck with cup and not easily removable cannot be removed.
- 3) Curd filling Station
Gravimetric filling station consists of hopper (25L) for dosing of curd milk through flow regulating valve (FRV) to filling nozzles. Filling nozzles are pneumatically operated. FRV is suitable for the required volume to be filled. The curd filling station is supplied with CIP version.
- 4) Aluminum Foil Dispenser

Consisting of a column with a foil magazine. A vacuum head mounted on a turning device will move up under the stacks of lids and take the lid down and place it on top of the cup, turning 180° on the way down.

5) Heat Sealing Unit

Consisting of a heat-sealing head which is moved down on top of the cup by means of pneumatic cylinder. Sealing time and temperature are adjustable from the control panel .

6) Cup ejection Station.

Consisting of a pneumatic mechanical lift with a plunger lifting the filled cups out of the cup socket. The machine has an entirely stainless steel (SS 304) structure and is mounted on wheels. All parts directly in contact with the product are made out of stainless steel 304 or food grade plastics material and are polished internally to the desired surface smoothness.

7) Conveyor

1.5 meters Conveyor along with accessories shall be provided with the cup filling machine.

8) **CIP Provision: It shall be possible to do the CIP of all parts coming in contact with the product.**

9) **Spares:** Included in the one-year spares.

10) Manuals:

1 set of manuals for Installation, Operation and Maintenance (IOM) of the machine shall be provided in English language.

Note: Curd Milk provided at the inlet of curd cup filling Machine from inoculation tank/ culture tank must be by gravity only.

LIST OF APPROVED MAKE:

Sl. No.	Description	Make
1	Make of Pneumatic cylinders, pneumatic pipes & fittings.	FESTO/SMC/PARKER/
2	Make of Servo motor	Mitsubishi/Sew/Simens/ABB
3	Make of electric motor	Servo Motor, Mitsubishi / SEW / remi / Bharat Bijlee / Siemens/
4	Make of PLC/HMI	Mitsubishi/Siemens / Allen Bradley /ABB
5	Make of electrical contractors, switches	Havells/L&T/Siemens/ABB/Schneider
6	Make of proximity sensor	P & F/ Omron / Sick / Baumer
7	Gear Box	SEW / PUJOL MANTALA / Delta / Equivalen
8	Electrical Contractors, Switches	Havells / L&T / Siemens / ABB / Schneider

THE BIDDER SHOULD GIVE THE DETAIL OF TECHNICAL DETAILS of curd cup filling and sealing machine of 2400 CPH(100,200,400)WITH CONVEYOR(1.5 mtr.) and suitable inkjet printer ALONG WITH THE TECHNO COMMERCIAL BID DOCUMET

FORMAT OF PRICE BID

Sl no	Descriptions	To be filled by Bidders
1	Name of the Firm	
2	Name of Contact Person	
3	Designation of contact person	
4	Contact Details	
5	Address	
6	Mobile No.	
7	Mobile No.	
8	E-Mail address	

Taxes and duties will be extra if applicable. However, statutory payments such as PF, ESI, Insurance operation & maintenance including erection and commissioning of plant and all Statutory compliance including. fin the tender shall be inclusive.

Signature of Bidder :

Name of Bidder :

Address of Bidder :

Date and Place :

Official Stamp