

**PUNE ZILLHA SAHAKARI DUDH UTPADAK SANGH
MARYADIT, KATRAJ**



TENDER DOCUMENT

For

**SUPPLY, INSTALLATION TESTING &
COMMISSIONING OF MILK PRODUCT EQUIPMENT
AT KATRAJ DAIRY PUNE**

Bid Ref:

Issued By:

Pune Zillha Sahakari Dudh Utpadak Sangh Maryadit, Katraj



**ISSUE LETTER OF TENDER DOCUMENT FOR SUPPLY,
INSTALLATION TESTING AND COMMISIONING OF DAIRY ITEMS
AT KATRAJ DAIRY**

16/7

This tender document set is issued to:

Name of the Bidder:

Address of the Bidder:

The fees for this set of tender document is 0.4% +GST on contract value.

Date of sale of Tender document vide receipt

No.....Dated.....

For and behalf of Authorized Signatory

Pune Zillha Sahakari Dudh Utpadak Sangh
Maryadi, Katraj



INVITATION FOR BID
PUNE ZILLHA SAHAKARI DUDH UTPADAK SANGH MARYADIT,
KATRAJ DAIRY, KATRAJ

Phone No. 9070066713

Email: katrajmilk@gmail.com

Invitation For Bid			
Bid Reference		Project	Katraj Dairy Pune
Description	Supply Installation, Testing & Commissioning of Dairy & Service Equipment at Katraj Dairy, KATRAJ		
		EMD	As mentioned in schedule of items
Completion period from date of order		Four Weeks	
Bidding Document Sale at NCDFI web site.	Start	16/07/2026 @ 10.00 Hrs	
	Stop	24/07/2026 @ 17.00 Hrs	
Last date & time of bid submission	Submission	24/07/2026 up to 17.00 hrs	
	Tender Opening	Shall be informed.	

Purchase of Bidding Document

1.1 The bid document be downloaded from the e-tendering portal (<https://www.ncdfimarket.com>). A non-refundable tender fee of 0.4% + GST on contract value must be paid online through the e-tendering portal via Net Banking/Credit Card/Debit Card.

1.2 The bidder who purchases the bidding document, are only eligible for submission of bids in their name.

1.3 Bid Security



All the bids must be accompanied by bid security (Earnest Money Deposit – EMD). The bids not accompanied with EMD shall be summarily rejected. The bid security shall be in the form of RTGS/NEFT in favour of Pune Zilla Sahakari Dudh Utpadak Sangh Maryadit, payable at Pune. The Bid security may be forfeited if

- a) A bidder or supplier withdraw their bid during the period of bid validity specified by the bidder/supplier on the bid form or
- b) In case of successful bidder/ supplier, if the bidder/ supplier fails to supply.

1.4 Rights Reserved by Sangh

Pune Zilla Sahakari Dudh Utpadak Sangh Maryadit, at its sole discretion and without assigning any reason thereof, reserves the right to accept and / or reject the whole or part of any or all the bids received.

1.5 Validity

The offer should be valid for 60 days from the date of tender opening.

1.6 Address of Communication:

Managing Director,

Pune Zilla Sahakari Dudh Utpadak Sangh Maryadit,

Katraj Dairy, Pune: 411046.

1.7 Banking Details

Bank Name: Bank Of Maharashtra

Account No: 20087944574

IFS Code: MAHB0000100.

Eligibility, Qualification Criteria & Payments Terms



The bidders must meet the following minimum qualifying criteria:

- a) The Bidder should have been in business Supply & Installation of the Machine at least for last 3 (**three financial years**) at the time of bid opening.
- b) The Bidder should have valid registration under various Acts that may be applicable for the contract proposed. This shall include but not limited to Income Tax, Companies, GST, Employee State Insurance, Contract Labour, Provident fund etc.
- c) Copy of Income Tax Returns for three previous years in original or certified true copies, along with Permanent Account Number (PAN) for income tax purpose & GST certificate.
- d) Even though the bidder meets the specified criteria, it may be disqualified if it has: Made untrue or false declaration in the forms, statements and attachments submitted in proof of their qualification.
- e) C.A. certified last 3 years financial reports of the bidder such as profit and loss statements, Turnover certificate, balance sheets, and auditors report of the past three years, bankers certificates etc.,
- f) The manufacturer should have presence in India with after sale service network, inventory of spares and service engineers.
- g) Payment Terms:
 - i) 10% advance payment against B.G. of equivalent amount from nationalized bank.
 - ii) 50% Payment immediate after receipt material.
 - ii) 30% against satisfactory installation & commissioning.
 - iii) 10% against performance bank guarantee of 12 months after successful installation of machine.

GENERAL TERMS AND CONDITIONS FOR SUBMITTING THE TENDER



1. _____
2. Prescribed tender is available on NCDFI web site on payment of tender fees (non-refundable).
3. Tender shall be submitted on _____ quote rates for F.O.R site basis
4. For opening of the tender, you are at liberty to be present or authorize your representative to be present at the opening of the tender.
5. The Authorized person does not pledge himself to accept the lowest or any tender and reserves to himself the right of accepting the whole or any part of the tender or portion of the quantity offered against any item and bidder shall supply the same at the rate quoted. Bidders are at liberty to quote for the whole or any item from the list of items.
6. In the event of the order being placed against any of the item and if the bidder fails to supply, complete the works(s) according to the terms and conditions of acceptance of tender or fails to replace any item or fail to complete the work(s) Pune Zilla Sahakari Dudh Utapadak Sangh Maryadit, Katraj shall complete the work (s) from any other sources and such price would be debited by the milk Sangh in his sole discretion.
If action as stipulated above taken then:
 - i. The order of the defaulting contractor will not be considered
 - ii. The defaulting contractor will be penalized to the extent of the difference in the rates of 10 % of the value of the earlier order, whichever is higher.
 - iii. If the defaulting contractor fails to pay the penalty he will be permanently delisted from the list of contractor of the Pune Zilla Sahakari Dudh Utapadak Sangh Maryadit, Katraj and the name of the party will be informed to Ministry of Agriculture, Govt. of India, Krushi Bhavan New Delhi.
 - iv. If the recoveries so decided by the milk union are found not recoverable from the dues of the successful bidder, the same is liable to recovery as arrears of land revenue.
7. In the case of non-delivery and/or delayed delivery/delay in completion of the work(s) against an order placed with bidder, the Pune Zilla Sahakari Dudh Utapadak Sangh Maryadit, Katraj reserves to himself the right to impose such penalty in his sole discretions union thinks fit.
8. EMD
 - An amount is specified
 - _____
 - _____
 - Earnest Money Deposit of unsuccessful bidders shall be refunded within one month from the date of tender opening. Exemption from the payment of security deposit will not be granted.
 - Security deposit shall be 5% of the work order /purchase order value remitted in cash or fixed deposit receipt for a period of 13 months from

the schedule bank drawn in favour of Pune Zilla Sahakari Duddh Utapadak Sangh Maryadit, Katraj.



9 Liquated Damages: In case of delay beyond specified completion date, Penalty of 0.5 % of the order value per week will be applicable. The maximum applicable total amount will not exceed more than 10% of the order value.

10 Extension of time-

i] As soon as it is apparent that contract date cannot be adhered, an application shall be sent by the successful bidder to Milk Sangh.

ii] Without prejudice to the foregoing rights, if such failure to deliver in proper time as aforesaid shall have arisen from any cause, which the Pune Sangh, may admit as reasonable ground for an extension of the time (and his decision shall be final) Union may allow such additional item as he consider to be justified by the circumstances of the case as approved by the Board of the Milk Sangh.

iii] Provided always that failure or delay on the part of sub-contractors through their employment may have been sanctioned shall not be admitted as a reasonable ground for any extension of time or for exemption from liability for any such loss of damages as aforesaid and provided further that no extension shall be allowed unless application for it shall, in the opinion of the milk union.(which shall be final) have been made and in his opinion is justified and get approved by the Board of the Milk Sangh.

iv] The milk Union reserves the right to call for any break up of the quotation where necessary.

11. General Instructions: Bid form should be returned duly filled in, failing which, quotation will not be considered.

12 The bid shall be submitted in the two-envelope method only, technical bid & commercial bid envelope failing which commercial envelope of such bidders will not be opened.

12. Technical bid envelope will be opened on the date and time of tender opening at first instance followed by commercial tender envelope.

13. Validity period of a bid shall be for a period of 60 days from the date of opening the tender.

14. GST & other taxes should be clearly stated failing which it will be taken as inclusive of all taxes.

15. Bidders may quote rates for equivalent make and also should indicate specifically the make of spare parts i.e. genuine, imported equivalent make or indigenous. They are required to give guarantee for premature ware, genuine original manufacture of the machinery.

16. Ex-stock offer or those on bidder's own import license will only be preferred.

17. Inspection: The inspection of the store supplied/works(s) carried out will be made by the authorized person of the Milk Union, where the work is being carried out/or any other person, authorized by the Milk Union.

18. N.B Special consideration would be given in the case of bidders quoting the requirements of Indian Standards specifications and those with quality markings.

19. Goods should be dispatched at career's risk properly covered by transit insurance however the suppliers will be responsible until the entire store arrives in good condition at destination communicated by Milk Union.

20. Payment Terms:

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- i) 10% advance payment against B.G. of equivalent amount from nationalized bank.
 - ii) 50% Payment immediate after receipt of material.
 - ii) 30% against satisfactory installation & commissioning.
 - iii) 10% against performance bank guarantee of 12 months after successful installation of machine.
21. Bills: Bills should be submitted in the name of Pune Zilla Sahakari Dudh Utapak Sangh Maryadit, Katraj in duplicate.
 23. Prices should be inclusive of all taxes and including transport packing, forwarding, unloading and insurance etc.
 24. Unloading should be arranged by supplier at site
 25. Consumable viz water, electricity etc. required for the purpose of installation, commissioning /testing/trials etc as required are not within the scope of the bidder will be provided by the Milk Sangh.
 26. During the contract period, any price escalation due to budget/hike in taxes etc will not be accepted.
 27. Offers of small-scale Industries quoting their registration number with the directorate of industries of respective State and National Small scale industries corporation (Govt. of India) shall be only for item approved programme of manufacture of the contesting small scale industries until likewise offers of state industries co-operative association.
 28. Bidders should indicate the type of organization of their establishment viz. whether it is a central / state govt. organization public ltd. Co-op Ltd Company, partnership company or ownership company or partnership companies. The tenderers should indicate the name of the owner and name of the partners. Attorney of authorized signature of any shall also indicate. Failure to provide the details of the company as mentioned herein will amount to like rejection of the tender offers.
 29. Bidders shall quote their financial turnover for past 3 years, failing which the tender is likely to be rejected.
 30. Previous experience of work of similar nature carried out if any, shall be indicated, failing which the tender is likely to be rejected.
 31. Wherever approvals are required from the statutory authorities such as electrical inspectorate, explosive department, boiler inspector, factory inspectorate, cold store inspectorate, excise department, sale tax department, statutory local bodies, etc as required and amended from time to time, the documents required thereof shall have to be provided by the successful bidder in time to the in charges of the concerned Milk Union.
 32. The supply and installations of machineries carried out by the successful bidder shall have to be insured for comprehensive risk.
 33. Insurance coverage to the workers /staff /supervisors/engineers etc. at the site shall be the responsibility of the successful bidder
 34. Fabrication, installation etc. at site undertaken by the bidder shall be in accordance with the relevant statutory regulation such as insurance, IER factory act, Safety rule, excise rules, taxes rules etc as required and amended from time to time by statutory authorities.
 35. Successful bidder will have to provide requisite, warranty to the plant and machinery included in the installation as would be included to them at the time of placement of order for the period of not less than 1 year.
 36. Conditional tender are likely to be rejected.

37. Bidder should provide the detail technical description of their Catalogue, photograph, supply list etc) with the tender form.
38. The entire installation shall have to be carried out by the successful bidder not only in accordance with the rules and regulations of the respective statutory authorities of the Govt. of India and state Govt. be also in accordance with the operational and maintenance convenience as well as facilitating sanitary designs and installation. Overall the installation shall with proper alignment leveling, supporting etc without hindrance for operation and maintenance as well as ensuring safe and steady installation for the expected plant life.
39. Commissioning and training shall be given by the successful bidder to the authorized person for the satisfactory performance of working of plant and machineries and installation & this shall have to be recorded and signed by both the representative of the contractors and authorized person of the Milk Union for minimum period of 01 to 2 weeks as would be intimated. The trial report shall be approved by the concerned officer. Any rectification/replacement/modification etc required to comply with the satisfactory operation maintenance and performance of the plant shall have to be committed out by the successful bidder during commissioning and trial runs if required
40. During testing of equipment, commissioning and trial the plant operators technicians, supervisors, etc are to be trained for satisfactory operations and maintenance, requires operations and maintenance manuals, trouble shooting charts does/do not etc. have to be spelt out and given as documents during training of staff. Two such sets of manuals and other including the final installed layout shall be handover to the plant engineer one additional copy to handed over to the authorized person of the Milk Union.

Note: The bidder's will/shall sign each and every page and attest his seal failing which the tender is likely to be rejected.

MANAGING DIRECTOR
Pune Zilla Sahakari Dudh Utapadak
Sangh Maryadit, Katraj

I / we read the terms and conditions and agree with the same

Date:

Bidder's Sign & stamp

Item wise EMD & cost

Sr. No.	Item Description	Capacity	EMD Amount Rs. (in. Thousand)	No. of Units	Basic Per Unit Amount (in. Lakh)	Basic Total Amount (in. Lakh)	GST amount	Grand Total
1	Kajukatli Rolling / Sheeting Machine		20.00	1 No.				
2	Kaju Katli Cutting Stencil with Table		2.00	1 Set				
3	Automatic Kaju Katli Cutting Machine.		20.00	1 Set				
4	Automatic vacuum gas tray sealing machine(MAP)		40.00	1 Set				
5	Khova Making Vat		30.00	2 Set				
6	Gas Chromatrography		50.00	1 Set				



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1. Kajukatli Rolling / Sheeting Machine

The machine is required to roll Kaju Katli dove uniformly thickness ranging from 3 to 30 mm thickness in trays automatically which will be further used for cuttings into small uniform pieces.

Capacity: 200 kgs rolling per hour.

The total machine should be fabricated in stainless steel AISI 304 & should be sturdy & free standing.

The machine should be power driven by VFD controlled efficient motor & gear boxes.

Operating panel to be provided in front face of the machine for ease of operations for operator with HMI t.

The machine should roll smooth finish of dove of kaju katli on top by Teflon high food grade rollers into stainless steel trays.

Bottom nylon wheels position should be easily changeable for varying thickness of rolled dove.

Fifty SS trays & two ss racks to be provided with machine for rolling of dove & storage as part of the machine.

2. Kaju Katli Cutting Stencil with Table

The cutting Stencil should be made out of Stainless steel AISI304 material & should be mounted on SS304 material made table at a human working height. The cutting of kaju katli would be in diamond shape of dimensions 40x40 mm with thickness of 6 to 8 mm. All the operations of cutting kaju katli will be manual.

3. Automatic Kaju Katli Cutting Machine.

Microprocessor based automatic kaju katli cutting machine would cut the rolled dove in tray in diamond shape of required dimensions. All the operations of moving trays on waiting platforms into tunnel, cutting of rolled dove into desired size & again moving of trays back on platform should be automatic. HMI control should be provided on operating panel. All interlocks should be provided for safety. The motor movements should be servo based. All the parts coming in contact with the product should be made of SS304 material.

4. Automatic vacuum gas tray sealing machine (MAP)



1. Functional Requirement

The machine would be used for packing mithi & should be fully automatic. After placing the product filled trays in machine, the trays should be guided to vacuumize, fill gas, seal & then cutting the packed tray. Packed sealed trays then be delivered on the other side for picking up & placing on working table for onwards packing into carton.

2. Design Requirement

- 2.1 Output: 240 Kg/Hr with various matrix depending on tray size & weight of product.
- 2.2 The packing machine should be completely automatic with PLC based control and suitable for mithai packing boxes.
- 2.3 Dimension of pack: Max. Tray height 75 mm
- 2.4 Accuracy: As per weights & measures department, but not exceeding plus minus 2%.
- 2.5 Material: All product contact surfaces are to be SS AISI 304 grade / food grade material.
- 2.6 Finish: All welding joints are to be ground smooth. All SS surfaces are to be finished to 150 grit finish.
- 2.7 Joint Curvatures: There should not be any sharp corners of edges on the product contact surfaces. All SS surfaces should have radii of 25mm.
- 2.8 Cleaning: Machine should be designed suitably for cleaning.
- 2.9 Machine should be equipped with following accessories:
 - i. Product filled trays placement station
 - ii. Vacuolization, gas filling & sealing arrangement
 - iii. Product filled trays discharge station
 - iv. Counting station: A suitable mechanical/electronic counter should be provided to count discharged pack.
 - v. Gas mixer for Nitrogen & CO₂
 - vi. UV tunnel
 - vii. Metal detector
 - viii. Inject Printer
- 2.10 Vacuum Pump: The suitable vacuum pump to be provided inside machine.
- 2.11 Control panel: A control panel made out of SS AISI 304 grade, 2mm thick sheet material with IP 55 protection construction, pre-wired having contactors, relays, indicators, start and push buttons etc. with PLC controls.
- 2.12 Gas Buffer Tank: For reserve gas while changing the gas bottle.
- 2.13 Metal Detector: Should be designed to detect metal contamination of ferrous, non-ferrous & metal.



3. Scope Of Supply:

3.1 The complete filling machine should be of floor mounted free standing type, with all product contact surfaces in SS 304. The capacity of the machine shall be as specified above for sealing.

3.2 Suitable air filter, regulator and moisture separator for compressed air should be provided with machine in case of pneumatically operated one. Lubricator should be separately provided for lubrication of pneumatic cylinders.

3.3 Control panel: The control panel with all controls shall be machine mounted .

3.4 Inkjet Printer: Minimum 4 lines of print & should have wide choice of character. In order to run the machine and to meet other requirements, the capacity specified above manufacturer shall provide for the arrangements

- Entry of operator name & code.
- Entry of batch code & name
- Calibration verification
- Internal data store & real time clock
- Integral alarm, on delay & off delay timers
- Entry of Client Name & address
- Connectivity: RS-32 connectivity
- A set of tools required for operation and maintenance of the machine should be supplied along with the machine.
- sets of operation, maintenance and installation manual should be supplied along with the machine.



5. Khova Making Vat

- **Batch Capacity: 60 Kg.**

1. Functional Requirement

Khova Vat should be suitable to handle milk and sugar mix with the different ingredients in milk & evaporate the water in milk for making khova.

2. Design Requirements

Jar capacity 350 liters. Jar would be steam operating rotating type.

3. Scope of supply

The Khova Vat will be a Jacked, insulated rotating vat with inner surface made out of AISI 304/SS316, 16mm thick plate & should have all the parts coming in contact with product made out of SS304/ SS316. The outer shell should be as per dairy standers. The machine should be driven by minimum 1.5 Hp electric motor coupled with heavy duty gear box . The khova pan has a specially designed dish which is like a saucer having greater area for quick evaporation. The body of vat would be mounted on a robust frame made out of stainless steel & should be provided with SS plate at the bottom. Milk should be scrapped by fixed scrapper. SS cover should be provided. The agitation in the vat will be by SS spatula & will be done manually if required. The Vat will be provided with steam heating & condensate collection arrangement consisting of steam valves & steam trap assembly with temperature & pressure gauges, air vent, safety valve.