

E -TENDER NOTICE

E Tender offers are invited for supply, installation & commissioning of Electronic milk analyzer with adulteration testing facility 7 nos.. Details of our requirements, details of milk analyzer and Terms and Conditions of this E-Tender are available on our website <www.gokulmilk.coop> and <https://www.ncdfiemarket.com/index.php/auctions-2/#tab-44753>. Earnest Money Deposit for this Tender is Rs.50,000/- (Rs.Fifty thousand only). E-Tender offer is to be submitted on or before **16.02.2026**. Right to accept or reject any or all Tenders without assigning any reason is reserved.

Managing Director **Chairman**
Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd.
B-1, M.I.D.C., Gokul Shirgaon, Kolhapur.

KOLHAPUR ZILLA SAHAKARI DUDH UTPADAK SANGH LTD., KOLHAPUR

TERMS - CONDITIONS

1. E-Tender offers are invited for supply, installation & commissioning of supply, installation & commissioning of Electronic milk analyzer with adulteration testing facility 7 nos.
2. The Bidder should submit their E-Tender in Two bid system
3. a) **Technical Bid** - Technical bid included acceptance of general terms & conditions & eligibility criteria with specifications & EMD details.
4. b) **Commercial Bid** - Commercial bid as per prescribed format.
5. Bid must be accompanied by Earnest Money Deposit of Rs. 50,000/- (Rs. Fifty thousand only) through RTGS. Please mentioned UTR No, date & amount in the technical offer. Remittance of EMD by any other mode shall not be accepted. Tender without EMD will not be considered. Earnest Money Deposit of unsuccessful Tenderer will be returned within two month. EMD reach on or before **16.02.2026**. RTGS details given below.

Name of Project Authority	Kolhapur Zilla Sahakari Dudh Utpadak Sangh Ltd., Kolhapur
Address of Project Authority	B-1, MIDC, Gokul Shirgaon, Tal Karvir, Dist. Kolhapur, State Maharashtra Pin Code 416 234
Name of Bank	Bank of Maharashtra
Bank A/c No.	60182028384
IFSC Code	MAHB0001575
Branch Name & Address	B-1, MIDC, Gokul Shirgaon, Tal Karvir, Dist. Kolhapur, State Maharashtra Pin Code 416 234

6. No escalation in the price will be given once the order is finalised.
7. Successful bidder will have to keep 3% interest free security deposit of the order value with us. Security deposit will be released after completion of successful and satisfactory trials . Successful bidders EMD will be transferred to security deposit. The bidder will have to deposit differential amount of security deposit.
8. Payment Terms:
 - a) 30% advance of total contract value will be given after getting order acceptance and on submission of Bank Guarantee of equivalent amount & same will released after supply of Analyzer.
 - b) 50 % progressive payment of supply value against safe receipt and inspection of Analyzer at site along with GST.
 - c) 10% payment after installation commissioning
 - d) Balance 10% amount on submission of Performance Bank Guarantee valid for a period

of one year from the date of satisfactory commissioning.

9. Income Tax at source will be deducted whatever applicable as provision of I.T. Act 1961 as amended from time to time
10. Delivery period within 2 months from date of order acceptance
11. Technical & Commercial E Tender is to be submitted on or before - **16.02.2026**
12. We reserve right to accept or rejects any bid, postpone bidding process and reject all bids at any time prior to award of contract.
13. The tenderer has to submit Valid GST registration certificate with Technical bid
14. The right to ignore any tender which fails to comply with instructions is reserved with the Managing Director, Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd..
15. The tender offers shall remain valid for a period of 120 days from the date of opening the tender.
16. The Managing Director, Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd., reserves the right to accept or reject any or all the E- tenders without assigning any reason thereof.
17. The price quoted for the items should be F.O.R. Site Gokul Dairy Kolhapur office inclusive of all charges for packing, forwarding, transportation, unloading, transit insurance.. No price escalation will be allowed.
18. The offer should be inclusive of all the taxes, duties, levies as applicable.
19. The successful tenderer will have to pay Security Deposit as indicated in the Tender Form, within 15 days of order. This amount may be used for adjusting the penalty (if any), recovery of cost damages etc. besides any other amount to recover damages/extra cost resulting from failure/ irregularity of the contractor, as the Managing Director, Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd., may deem fit. In this regard, the decision of the Managing Director, Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd., will be final. Exemption from the payment of Security Deposit will not be granted.
20. Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd. reserves the right to reject the item either in full or in part, if at the time of delivery, the items supplied do not confirm to the quality and technical specification as stipulated in the tender.
21. The conditional, incomplete, defective or ambiguous tenders, as decided by the Managing Director, Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd., shall be rejected.
22. If the tenderer fails to complete the supply/complete the work within the period prescribed, the Managing Director, Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd., shall be entitled, at his option, to recover from the tenderer, as penalty a sum equivalent to half percent of the total cost for delay of each week or part thereof during which supply is delayed, subject to the maximum of 3% of the tendered cost of the contract.
23. The tenderer shall arrange for insurance etc. of his people employed for erection and installation work as per ESIS ACT, WORKMEN COMPENSATION ACT, and any other provision to meet statutory requirements of various Labour Acts/Rules. In case of accident to any of his person in his employment or agents during the period of installation, the office of the Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd. shall not bear any liability whatsoever. The entire responsibility primary and final in this respect will be that of tenderer.

RESPONSIBILITY FOR COMPLETING THE CONTRACT:

24. The responsibility for completing the contract and commissioning the Analyzer units rests with the tenderer.
25. It shall be the responsibility of the successful tenderer to have comprehensively insured the goods against any risk i.e. against the damages that may be caused during the stage of transition, execution, trials, fire, theft etc. till final handing over of the entire equipment to Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd. after satisfactory trials.
26. Contacting the purchaser (Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd.): -
From the time of tender opening to the time of contract award, if any tenderer wishes to contact Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd. on any matter related to the tender, it should do so in writing. Any effort by a tenderer to influence the Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd. in its decision on evaluation, tender comparison or contract award may result in the rejection of the tender.
27. For disputes, if any, the decision of the Chairman , Kolhapur Zilla Sahakari Dugh Utpadak Sangh Ltd., shall be final.
28. The successful tenderer has to enter into the 'Contract Agreement', if required, for completion of the job, performance guarantee, etc., before disbursement of any payment.
29. The successful tenderer shall maintain a register to maintain record of daily progress of the project / work and shall take the signature of the concerned person in that register, on the same day. This register shall be produced before the project authority, as and when asked, during the progress of the project / work and shall be submitted after the completion of the project / work.
30. The Contractor shall not sublet the contract without our written permission.
31. A cause of delay giving an entitlement to extension of the time to complete an event of Force Majeure will be decided by sangh.

Process of E-tender :

Contact person (NCDFI):

Jagrut Gajab
Mobile – 9978696021
Email - contracts@ncdfiemarket.com

Contact person Gokul

Commercial queries

Kailas N. Molak
Manager (Purchase)
Mob.No. 9422775977
E mail purchase@gokulmilk.coop

Technical queries

Ramesh Patil
Manager (Quality Control)
Mob.No. 7020549019

E mail qc@gokulmilk.coop

Tenderer will not have the access to online e-tender without making the payment towards transaction fee.

NOTE

Bidders are advised to remit the transaction fee well in advance before the closing time of the event so as to give themselves sufficient time to submit bid.

Information about tenders /corrigendum uploaded shall be sent by email only during the process till finalization of tender. Hence the vendors are required to ensure that their corporate email I.D. provided is valid and updated at the time of registration of vendor with NCDFI.

Bidding in e-tender :

- a) Vendor(s) need to submit necessary EMD, Tender fees and
- b) Transaction fees (If ANY) to be eligible to bid online in the e-tender. Tender fees and Transaction fees are non-refundable. No interest will be paid on EMD. EMD of the unsuccessful vendor(s) will be refunded by the tender inviting authority.
- c) During the entire e-tender process, the vendors will remain completely anonymous to one another and also to everybody else.
- d) All electronic bids submitted during the e-tender process shall be legally binding on the vendor. Any bid will be considered as the valid bid offered by that vendor and acceptance of the same by the Buyer will form a binding contract between Buyer and the Vendor for execution of supply.
- e) Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.
- f) No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any vendor confirms his acceptance of terms & conditions for the tender
- g) Any order resulting from this tender shall be governed by the terms and conditions mentioned therein.
- h) No deviation to the technical and commercial terms & conditions are allowed.
- i) The tender inviting authority has the right to cancel this e-tender or extend the due date of receipt of bid(s) without assigning any reason thereof.

Managing Director

KOLHAPUR ZILLA SAHAKARI DUDH UTAPADAK SANGH LTD., KOLHAPUR

Annexure - I

Technical Specifications – Electronic milk analyzer with adulteration testing facility

Functional Requirement:

- 1) Product to be analyzed: Raw milk
- 2) Raw Milk Quality and Adulteration testing Analyzer should be based on the proven FTIR based technology for milk composition analysis as well as for adulteration testing.
- 3) Equipment should be able to give accurate measurement of FAT, SNF and Protein with good repeatability.
- 4) The equipment should be supplied with all the required calibrations with provision to upgrade / modify from time to time, if needed.
- 5) The equipment should be able to screen and display minimum 12 adulterants at least as per below mentioned adulterant list (a to e are mandatory):

Principal Adulterants:

- a) Urea – LOD of 0.1% or lower
- b) Ammonium sulphate – LOD of 0.1 % or lower
- c) Maltodextrin – LOD of 0.6% or lower
- d) Sucrose – LOD of 0.6% or lower
- e) Added Water – LOD of 20% or lower

Other Adulterants : (minimum 7 from below mentioned adulterants)

- f) Glucose
- g) Sorbitol
- h) Melamine
- i) Sodium Chloride
- j) Sodium Citrate
- k) Starch
- l) Hydrogen Peroxide
- m) Formalin
- n) Detergents
- o) Sodium Carbonate
- p) Sodium Bicarbonate
- q) Vegetable oils with chemical emulsifiers
- r) Sodium Hydroxide
- s) Any other chemical with IR absorbance

Equipment should compare the spectrum of the sample with the spectrum of pure milk by using suitable statistical techniques and software to detect abnormality.

The equipment should be capable to screen adulteration by Urea, Sucrose, maltodextrin, glucose, sorbitol etc., which enhance the SNF part of Milk. Also, if these adulterants are added within limits of detection (LOD), then machine should not record higher value of SNF attributed due to added adulterants within limit of detection.

- 6) Equipment should be able to analyze Fat, SNF & Protein in the range of
 - a) Fat : 0.5-12%
 - b) Protein : 2-6%
 - c) SNF : 6-12%

The above ranges are the minimum required criteria, equipment with wider working range on both sides would be acceptable.

- 7) Accuracy in SD of milk parameters for compositional analysis should be minimum as below:
 - a) Fat \leq 0.10
 - b) Protein \leq 0.10
 - c) SNF \leq 0.15
- 8) Repeatability in SD of milk parameters for compositional analysis should be minimum as below:
 - a) Fat \leq 0.05
 - b) Protein \leq 0.05
 - c) SNF \leq 0.10

The equipment should give accurate readings and repeatability if Fat and SNF as mentioned above.
- 9) Analysis speed required: Less than 50 seconds.
- 10) Sample Temperature: Raw milk should be able to be measured in a temp range of 5-35 deg. C or wider.
- 11) Sample Volume: Less than 10 ml.
- 12) Display: LCD, graphical display / colour TFT display.
- 13) Built-in Diagnostics: Equipment shall be able to perform all the required test to ensure accurate and error free operations.
- 14) System shall have the capability to transfer data by any suitable means from equipment through RS 232 or SD Card or Wi-Fi or facility of PC/laptop based software.
- 15) The instrument should be compatible with field operations i.e. dust proof, vermin proof and should withstand vibrations while mounted on vehicles.
- 16) Consumable and Accessories: Equipment should be supplied along with appropriate reagents, consumables, spares and accessories for routine operations for approximate analysis of 10000 samples during the warranty period. The requirement of these supplies for samples would be given to bidder on six monthly basis or on mutually agreeable dates.
- 17) Training: Basic training on operation / maintenance to be arranged by the bidder after installation of the equipment along with calibration development. The equipment should also be supplied with user manuals required for installation and training.
- 18) Warranty: Equipment shall be supplied with minimum a warranty of one year from the date of installation. Bidder should undertake on site minimum two preventive maintenance visits during the warranty period apart from the breakdown visits. Warranty would apply to all the accessories supplied by bidder.
- 19) Warranty extension: if equipment has been down for more than 30 days due to malfunctioning of the any part supplied by bidder or want of spares / consumable or workmanship, warranty would be extended.
- 20) Demonstration and Evaluation: Purchaser reserves the right to verify the performance of equipment at any stage of purchase process. The bidders are requested to arrange all the pre-requisite timely for successful demonstration and evaluation as

per tender / bidder specification.

- 21) Compliance: The reference / traceability of compliance information in the offer shall be clearly specified with supporting documentary evidences. The offer with incomplete / untraceable information may not be considered. Any type of unwarranted canvassing for selection of instrument may lead to rejection of the offer.
- 22) No offering of refurbished / assembled / demo modules: No part of the offered equipment shall be refurbished or used in demonstration purpose. Kindly submit undertaking.
- 23) The AMC charges for two years after the expiry of warranty period shall be quoted separately.
- 24) It is the responsibility of vendor to supply complete solution / unit for the analysis.
- 25) Vendor should be able to supply all the spares /consumable required for repair for at least 8 -10 years after installation.
- 26) The vendor should have minimum 50 installations in major dairies/ laboratories of the country, each year during the last three financial years and has demonstrated satisfactory performance of the equipment to the concerned stakeholders.

Format
(Commercial offer)

To,
The Managing Director
Kolhapur Zilla Sahakari Dugh
Utpadak Sangh Ltd.,
Kolhapur

Sub - E -Tender offer for supply of Electronic Milk Analyzer with Adultration Testing Facility

Dear Sir,

With reference to the E- Tender Notice Published in **Daily Pudhari, Mumbai**, we are submitting our E Tender offer for supply, installation & commissioning of **Electronic Milk Analyzer with Adultration Testing Facility**

We have studied particulars & specifications of required Analyzer and Terms Condition of this E -Tender.

Price schedule in the format given by you is attached herewith.

Place :

Date :

Name, Signature and Seal of Tenderer

Format

PRICE SCHEDULE

SUPPLY PRICE-

Sr. No.	Particulars	Unit Price Analyzer Rs.
1	Price of Electronic Milk Analyzer with Adultration Testing Facility (Packing & forwarding, Freight, Transit Insurance, Installation & Commissioning charges are included)	-
2	GST	-
Grand Total Price (1 + 2)		-
(Rs.)

Seal & signature of Tenderer

Date