



R E T E N D E R D O C U M E N T

F O R

**SUPPLY, INSTALLATION, TESTING & RUNNING OF
ELECTRONIC MILK ANALYSER WITH ADULTERATION
TESTING FACILITY**

**AT BULK MILK COOLING(BMC) CENTERS LOCATED IN DIFFERENT
DISTRICTS OF MILK UNIONS UNDER OMFED.**

Date of Commencement of Tender Process: - 03.03.2022 at 10.00 A.M.

Last Date for submission of Tender Document – 23.03.2022 up to 2.00 PM

Tender Opening Date - 24.03.2022 at 4.30 PM

Name of the Tenderer:

Address.

.....

.....

Telephone No:

Fax No:

E-Mail ID:

**THE ODISHA STATE CO-OPERATIVE MILK PRODUCERS' FEDERATION LTD,
D-2, SAHID NAGAR, BHUBANESWAR**

PHONE : 0674 – 2546030/ 2546121/2540417 FAX NO: 0674 - 2540974



www.omfed.com

The Odisha State Cooperative Milk Producers' Federation Ltd.

D- Sahid Nagar, Bhubaneswar-751007

Ph. No- (0674) 2546030 /2540273/ 2540417,

Fax no (0674) 2540974

TENDER NOTICE FOR

SUPPLY, INSTALLATION, TESTING & RUNNING OF ELECTRONIC MILK ANALYSER WITH ADULTERATION TESTING FACILITY AT BULK MILK COOLING (BMC) CENTERS LOCATED IN DIFFERENT DISTRICTS OF MILK UNIONS UNDER OMFED.

OMFED invites sealed and separate offers for Technical & Commercial bids from reputed Manufacturers/ Distributors for supply, installation, testing and running of Electronic Milk Analyzer with Adulteration Testing Facility for indicative requirement of 117no, at different BMC unit in different districts of Milk Unions under OMFED. Tender document can be down loaded from web site www.omfed.com against payment of Rs.1000/- + 12 % GST or Rs. 1120/- in shape of Demand Draft drawn in favour of OMFED drawn on any nationalized bank payable at Bhubaneswar . The Tender document should be duly filled & submitted on due date along with the cost of paper .

The sealed technical & commercial bid along with EMD of Rs 5.85 Lakh (inside commercial bid) should reach the above addressed office by Dt.-23.03.2022 up to 2 PM hours. The Bid shall open on 24.03.2022 at 4.30 PM, in presence of interested bidders. For details please visit our website www.omfed.com

The corrigendum/ amendment to this notice required shall be published only in the OMFED website and will not be published again in newspapers.

OMFED reserves the right to cancel partial or whole tender without assigning any reason thereof.

Sd/-

MANAGING DIRECTOR



The Odisha State Cooperative, Milk Producers' Federation Ltd.

D-2, Sahid Nagar, Bhubaneswar-751 007.

Ph. No- 2546030/2540273/2540417, Fax No (0674)2540974

Bid Identification No. 498 / CSS / NPDD / SL /Open Tender

OMFED invites sealed and separate offers for Technical & Commercial bids from original equipment manufacturer or their authorized channel partner for supply, installation, testing and running of Electronic Milk Analyzer with Adulteration Testing Facility for indicative requirement of 117 no in BMC Centres in different districts of Milk Unions under OMFED. Tender document can be down loaded from web site www.omfed.com against payment of Rs.1000/- + 12 % GST or Rs.1120/- in shape of Demand Draft drawn in favour of OMFED drawn on any nationalized bank payable at Bhubaneswar .

Name of the ITEM	Quantity	Estimated Total Cost (in Lakhs)	Cost of Tender paper (in Rs.)	Availability of tender for on line bidding(Date)		Date of opening	Bid Security (in Lakh), (EMD)
				From	To		
Electronic Milk Analyzer with Adulteration Testing Facility	117	292.50 Lakhs	1000.00 + 12% GST	03.03. 22	23.03. 2022	24.03. 2022 at 4.30 PM	5.85 Lakhs

2. Bid documents consisting of specifications, the schedule of quantities and detail of terms and conditions of contract and other necessary documents can be seen in the OMFED web site www.omfed.com. The corrigendum/amendment to this notice if required shall be published only in the OMFED web site www.omfed.com and will not be published again in newspaper.

3. The **Bid documents will be available** in the website www.omfed.com from **03.03.2022 (10.00 AM) to 23.03.2022 (2.00 PM)**

4. (i) The tender paper cost (in shape of D/D) & EMD (in shape of D/D) in original, to be submitted

(ii) Photo Copy of GST, PAN, Registration Certificate of firm, Experience Certificate, other documents as per detail tender call notice(DTCN) with duly signed by the bidder(Only Papers relating to Technical Bid) to be submitted.

As mentioned **4 (i) & (ii)** shall have to be deposited in two different sealed envelopes within from **03.03.2022 (10.00 AM) to 23.03.2022 (02:00 PM)** at the OMFED Corporate office, Bhubaneswar.

Non-submission of cost of bid document and bid security within the period shall debar from participating in the bidding system.

5. Bids shall be received only on or before 2.00 PM of 23.03.2022.

6. Bids received shall be opened at 4.30 P.M. on 24.03.2022 at OMFED Corporate office in the presence of the bidders. If the office happens to be closed on the last date of opening of the bids as specified, the bids will be opened on the next working day at the same time and venue.

7. The cost of bid documents & EMD in demand draft issued from any Nationalized Scheduled Bank may be prepared in favour of OMFED, payable at Bhubaneswar.

8. The Co-operatives, Govt. bodies, NSIC and MSME registered firms are exempted from submitting required EMD.

9. Other details can be seen in the bidding documents.

10. The Financial bid will be open among the qualified technical bidders & the details of date, time, venue will be intimated in due time

11. The management reserves the right to cancel any or all bids without assigning any reason.

12. Any corrigendum /addendum will be displayed in the OMFED web site (www.omfed.com)

13. Defaulters' in earlier supply to Omfed or Black listed anywhere in the country are not allowed to participate in the tender.

14. Jurisdiction – The court at Bhubaneswar alone will have jurisdictions for any legal dispute which may arise out of this tender

Sd/-

Dy. General Manager (CSS)

OMFED

GENERAL TERMS & CONDITIONS:

1. Eligibility Criteria

- 1.1 The manufacturing company should provide after sale service for the supplied Laboratory items.
- 1.2 The average annual sales turnover of the manufacturing company detailed out below.

Item Description	Minimum Average Annual sales turn over (Rs) for the year 2018-19 to 2020-2021
Electronic Milk Analyzer with Adulteration Testing Facility	Rs.750.00 Lakhs

- 1.3 The bidder should have supplied Electronic Milk Analyzer with Adulteration Testing Facility to different Milk Unions/Milk Federations/Dairy Plants for the year 2018-19 to 2020-2021 & should submit the proof along with the copy of Purchase Order.

2. Specification: Each supply of Electronic Milk Analyzer with Adulteration Testing Facility must conform to the Technical Specification enclosed as **Annexure – I**

3. Quantity Requirement: 117 units

3.1 The quantity may vary and will be as per rate that will be finalised & at the discretion of OMFED.

4. Offer Price/Rate: quoted should be inclusive of all taxes, transport, insurance charges, installation, commissioning, Training etc.

4.1 The offered price should be uniform for all sites at different dairy plants of OMFED inside the State of Odisha irrespective of distance.

4.1 In case there is any increase/reduction in Government taxes, excise, levies, the same will be made effective immediately.

5. Delivery Time: Supply, commissioning, testing & running within **60 days** from the date of acceptance of the order directly at site/Societies of member Unions as per requirement. The detail of delivery sites enclosed as **Annexure - II**.

05.1. The default penalties during deliveries of goods at all destination/site shall be in your accounts and no any extra charges paid for the same.

05.2. The goods to be supplied, shall be fully insured by supplier against loss/damage incidental to manufacturer or acquisition, transportation, storage and delivery in the manner specified in the condition.

05.3. If any loss/damage occurs, the supplier shall make arrangement for repair and replacement of the same within the stipulated time.

6. MED/Security deposit:

05.1. You are required to pay Rs.5.85 lakh as EMD/security deposit by demand draft drawn in favour of OMFED, Bhubaneswar as per the terms of the business.

05.2. This EMD/Security Deposit will carry no interest & shall be refunded only after completion of orders/contract satisfactorily and after obtaining clearance certificate from member unions that there are no outstanding dues to be recovered from you.

7. Change in terms, conditions & specifications: In case of any midyear change in terms, conditions & specifications decided by OMFED management, we reserve the right to cancel the contract with you in part or in full. However, in such instance, we shall provide you with adequate notice period.

8. Inspection: OMFED reserves the right to depute either our representatives or representatives of our member-unions or of any independent body for inspection of materials while the same are under manufacturing, installation/commissioning etc. To facilitate inspections as and when necessary, you will be required to give prior intimation as to when you are likely to finish manufacturing of equipments. In case during such inspection the result is found unsatisfactory, we reserve the right to take whatever action is necessary to protect our interests. However; at our destination we may decide not to carry the inspection. But we may rely on the certificate of the supplier confirming that equipments manufactured as per the laid down specifications & standards.

9. WARRANTEE:

09.1 Warrantee shall remain for 12 months from the date of installation commissioning of units. The supplier warrantee that the goods supplied against purchase order are new, unused and incorporation all recent improvement in design and materials. Supplier's warrantee certification should be provided along with each supply.

09.1.1 The Electronic Milk Analyzer with Adulteration Testing Facility shall be covered under one-year free service after expiry of waraniee period

09.2 Suppliers shall provide warrantee to replace without any extra cost of goods if found manufacturing defect /not suitable for use due to bad quality, use of substandard materials etc, when brought to notice within 12 months of warrantee from the date of

installation / commissioning of units. The cost of sending the unacceptable /un suitable materials or part thereof for replacement shall be borne by the suppliers, if any.

10. Terms of payment:

- Bills in triplicate shall be submitted along with a copy of P.O.
- 60 % on safe receipt of material at site.
- 30 % after successful commissioning/testing & running/report of equipment supplied.
- PSD @ 10 % of billed value shall be retained by ordering authority for a period of 02 years from the date of successful commissioning and shall be released subject to satisfactory performance.
- Any other statutory deduction like TDS etc. as applicable

11. Penalty:

Penalty @ 0.5 % of the order value per week shall be imposed for delay in execution beyond the time frame. The penalty amount will be Limited to 10% of the order value.

12. Documents to be submitted in technical bid:

- Certificate from the clients with detail contact address to establish supply of the items.
- Proof of sales turn over(Audited Profit & Loss Account)
- Undertaking by the bidder that the bidder is not black listed by any Co-operative Milk Union/ State Milk Federation/Govt. Agencies.
- Audited profit and loss account for the year 2017-18 to 2019-20,
- IT returns for the financial year 2019-20.
- Credentials in support of supply of Electronic Milk Analyzer with Adulteration Testing Facility.
- Performance certificate issued by the clients are to be furnished.
- Demand Draft towards tender paper cost of Rs.1120.00
- Demand Draft towards EMD of Rs. 5.85 lakhs
- Printed technical literature / catalogue of Electronic Milk Analyzer with Adulteration Testing Facility.
- Duly filled in Manufacturers' authorization letter (for authorized channel partner)
- Xerox copies of PAN / GST.
- Valid NSIC/MSME certificate holders are exempted from the EMD (subject to submit the copy of said certificate for verification).

13. Other Terms and Condition:

- The bidder cannot stipulate any terms and condition of his own beyond the tender requirements.
- The bid shall be rejected if not completed with tender requirement.
- All statutory approval is within the scope of the bidder.
- It is mandatory on the part of bidder to quote for the entire item as mentioned in the BOQ failing which the offer shall not be considered.
- All the required documents relating to Technical bid should be uploaded online.

14. VALIDITY OF OFFER:

01 year from the date of notification.

Signature:

Seal:

Date:

Technical Specifications

Electronic milk Analyser with adulteration testing facility

1. Product to be analysed: Raw milk
2. Raw Milk Quality and Adulteration Screening Analyser should be based on the FTIR / MIR / or other suitable techniques, individually or in combination (hybrid).
3. Equipment should be able to give a measurement of Fat, SNF and Protein.
4. The equipment should be supplied with all required calibrations with provision to upgrade / modify from time to time, if needed.
5. Equipment should be able to detect at least below mentioned adulterants:
 - a) Urea - LOD of 0.2 % 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) Water - LOD of 20 % or lower
 - f) Equipment should compare the spectrum of the sample with the spectrum of pure milk by using suitable statistical techniques and software to detect abnormality.

Additional adulterants, if any analysed using the equipment shall be specified by the bidder.

6. Equipment should be able to analyse 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 of milk parameters for compositional analysis should be minimum as below:
 - a) Fat \leq 0.1 (Either in terms of SD or in absolute amount)
 - b) Protein \leq 0.2 (Either in terms of SD or in absolute amount)
 - c) SNF \leq 0.2 (Either in terms of SD or in absolute amount)
8. Repeatability of compositional parameters shall meet the relevant international standards (ISO/IDF/AOAC or others) and document for the same need to be submitted.
9. Analysis speed required - Approx. 40-50 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 based software.

15. 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.

16. 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.

17. 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.

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.

18. Demonstration and Evaluation

Purchaser reserves the right to verify the performance of equipment at any stage of purchase process. The bidder are requested to arrange all the pre-requisite timely for successful demonstration and evaluation as per tender / bidder specification.

19. 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.

20. No offering of refurbished/assembled/demo modules: No part of the offered equipment shall be refurbished or used in demonstration purpose. Kindly submit undertaking.

21. The AMC charges for two years after the expiry of warranty period shall be quoted separately.

22. It is the responsibility of vendor to supply a complete solution / unit for the analysis.

23. Vendor should be able to supply all the spares / consumable required for repair for at least 8- 10 years after installation.

24. The vendor should have few installations in major dairies/laboratories of the country and has demonstrated satisfactory performance of the equipment to the concerned stakeholders.

DESTINATION: BMC centres of concerned Districts.

Name of the Milk Union & No of BMC	Name of the District	No of Electronic Milk Analyser
CUTTACK 32	Jagatsingpur	10
	Cuttack	10
	Kendrapara	9
	Jajpur	3
BALASORE & BHADRAKH - 19	Balasore	10
	Bhadrakh	9
BKN 17	Bolangir	11
	Kalahandi	4
	Nuapada	2
KMNR 7	Nabarangpur	6
	Rayagada	1
Keonjhar - 5	Keonjhar	5
Ganjam & Gajapati 5	Ganjam	4
	Gajapati	1
Dhenkanal 3	Dhenkanal	1
	Angul	2
PURI 14	Puri	12
	Khordha	2
	Nayagarh	0
Sambalpur 15	Sambalpur	2
	Bargarh	9
	Sonepur	3
	Jharsuguda	1
Total		117

**COMMERCIAL BID FORMAT FOR ELECTRONIC MILK ANALYSER WITH
ADULTERATION TESTING FACILITY**

SI No	Name of Item	Quantity	Unit Price with FOR (in Rs.)	Taxes (in Rs)	Total Amount Including all (in Rs.)
1	Electronic Milk Analyzer with Adulteration Testing Facility	117 no			

Signature:

Seal:

Date:

**TECHNICAL BID FORMAT FOR ELECTRONIC MILK ANALYSER WITH
ADULTERATION TESTING FACILITY**

SL NO	Description	Details
1	Name of the Company	
2	Office address	
3	Phone no Fax No.	
4	Corporate Head Quarter address & Contact no .	
5	Local office address & Contact no in Odisha .	
6	Web site Address	
7	Nature of the Ownership.	
8	Firm Registration No with date	
9	Details of Statuary Certificate / License/ Clearance.	
10	GST Registration No	
11	GSTIN No	
12	PAN no	
13	DD for EMD	
14	DD for Tender Cost.	
15	ISO Certification no./ Validity	

Signature with Seal:-

Date:-

DECLARATION

(To be filled in party's letter pad)

I/WE DECLARE THAT I/WE HAVE GONE THROUGH THE ABOVE MENTIONED CONDITIONS IN DETAIL BEFORE FILLING UP OUR RATES AND SUBMISSION OF THE TENDER PAPER. I/WE ARE AGREEING TO ABIDE WITH THESE CONDITIONS UNTIL THE FINALISATION OF THE TENDER.

Enclosures:

Signature:

Name of Firm:

TIN/CST No.

Address:

Date:

Telephone No: