



TENDER DOCUMENT

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.**

Date of Commencement of Tender Process: - 08.07.2021 at 10.00 A.M.

Last Date for submission of Tender Document - 29.07.2021 up to 2.00 PM

Tender Opening Date - 30.07.2021 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.-29.07.2021 up to 2PM hours. The Bid shall open on 30.07.2021 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The corrigendum/ amendment to this notice required shall be published only in the OMFED website and will not be published again in newspapers.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 | 08.07.21 | 29.07.21 | 30.07.21 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 **08.07.2021 (10.00 AM) to 29.07.2021 (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 **08.07.2021 10.00 AM to 29.07.2021 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 29.07.2021

6. Bids received shall be opened at 4.30 P.M. on 30.07.2021 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:

Eligibility Criteria

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

| Sl no | Item Description | Minimum Average Annual sales turn over (Rs) for the year 2018-19 to 2020-2021 |
|--------------|---|--|
| 1 | Electronic Milk Analyzer with Adulteration Testing Facility | Rs.750.00 Lakhs |

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 tender documents.

4. Delivery Time:

Supply: Within 60 days from the date of acceptance of the order. The delivery sites will be given in the Purchase order.

Testing: within 30 days from the date of Delivery of materials at site.

Terms of payment:

- Bills in triplicate shall be submitted along with a copy of P.O
- 75 % on safe arrival of material at site.
- 15 % after successful commissioning/testing.
- PSD @ 10 % of billed value shall be retained by ordering authority for a period of 02 years from the date of handing over and shall be released subject to satisfactory performance.
- Any other statutory deduction like TDS etc. as applicable

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.

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).

Terms and Condition:

- The offered price should be uniform for all sites at different dairy plants of OMFED inside the State of Odisha irrespective of distance.
- The Electronic Milk Analyzer with Adulteration Testing Facility shall be covered under one year guarantee period from the date of supply and one-year free service after expiry of guarantee period.
- 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.

SPECIFICATIONS: Technical Specifications (Enclosed)

REQUIREMENT OF MELAMINE TESTING STRIPS : 4 units

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.

| 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 |

DESTINATION: BMC centres of concerned Districts.

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 with 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: