



THE JHARKHAND STATE COOPERATIVE MILK PRODUCERS' FEDERATION LTD.

FTC CAMPUS, SEC-2, DHURWA, RANCHI – 834004
Ph.: +91-(0651) 2270046, MOB: 7544003404/7544003412,
Email: purchase@jmf.coop



TENDER DOCUMENT

FOR EXTERNAL TESTING OF MILK & MILK PRODUCTS, RAW MATERIALS AND WATER AS PER FSSAI NORMS FOR DIFFERENT JMF PLANTS IN JHARKHAND STATE

Single Stage – Two Envelop Bid

TENDER NO. JMF-QA-External Testing-Milk & Milk Products/2022-23/037

The Jharkhand State Co-operative Milk Producers' Federation Limited



Date of Publication of Tender : 09 Nov 2022
Last date for submission of Sealed Bids : 30 Nov 2022 by 16:00 hrs

Filled in tender document duly signed & stamped in all pages of tender document should reach us on or before date at the below address:

Opening of Technical Tender:

Date: 30 Nov 2022 at 16.30 Hrs

At Medha Dairy Plant,
Hotwar, (Khelgaon), Ranchi,
Jharkhand - 834012

Opening of Financial Tender:

Shall be notified to qualified bidders

Name of Tenderer: _____

Address: _____

Tel./ Mob. no: _____

Email _____

Tender Document Fee: Rs. Nil/-

EMD: Rs. Nil/-

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1. INSTRUCTION TO BIDDER / TENDERER

1. The Bidder is expected to examine all instructions, forms, terms, and specifications in the Bidding Document. Failure to furnish all information or authentic documentation required by the Bidding Document may result in rejection of the Bid.
2. The Bid shall comprise of two envelopes (one containing the Technical Bid and the other the Financial or Price Bid) to be submitted simultaneously under one main envelope.
3. The Bidder shall submit the Technical Bid and Financial Bid using the appropriate Bid Submission Format provided in Bidding/ Tender document or as requested in Bid document. The forms/ formats must be completed without any alterations to their format, and no substitutes shall be accepted.
4. Tender bid can be sent by post/ courier or submitted by hand at our office by time as specified in tender notice. Tenders received late will be rejected.
5. Bid can be submitted by hand or by post/ courier. For bids submitted by post or Courier, it is bidder's responsibility that bid reaches our office on or before the scheduled time and date.
6. In case tender opening date is declared a Holiday, bids shall be opened on next working day at the same time specified in tender.
7. The unit rates and the prices shall be quoted by the Bidder entirely in Indian Rupees unless otherwise specified in Bidding/ Tender document in case of International Competitive Bidding (ICB). All payments shall be made in Indian Rupees only, unless otherwise specified in the Bidding/ Tender document.
8. To establish their eligibility, Bidders shall complete the eligibility criteria specified /requested in the Bid/ Tender document.
9. To establish the conformity of the Goods and Related Services to the Bidding Document, the Bidder shall furnish as part of its Bid, the documentary evidence (specifications, designs and drawings and others), supply samples where asked for, demonstrate trials or carry out tests as specified in Bidding /tender document.
10. Any attempt by a Bidder to influence the Procuring Entity "The Jharkhand State Cooperative Milk Producers' Federation Ltd. (JMF)", in the examination, evaluation, comparison, and post qualification of the Bids or Contract award decisions may result in the rejection of its Bid, in addition to the legal action which may be taken by the Procuring Entity under the Act and the Rules.
11. Information relating to the examination, evaluation, comparison, and post-qualification of Bids, and recommendation of contract award, shall not be disclosed to Bidders or any other persons not officially concerned with such process until information on Contract award is communicated to all Bidders.
12. To assist in the examination, evaluation, comparison and qualification of the Technical or Financial Bids, the Bid evaluation committee may, at its discretion, ask any Bidder for a clarification regarding its Bid. The committee's request for clarification and the response of the Bidder shall be in writing.
13. Any clarification submitted by a Bidder with regard to his Bid that is not in response to a request by the Bid evaluation committee shall not be considered.
14. The determination of qualification of a Bidder in evaluation of Technical Bids shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder and in accordance with the qualification criteria indicated in Qualification and Evaluation Criteria. Factors not included in Qualification and Evaluation Criteria shall not be used in the evaluation of the Bidder's qualification.
15. The Bid evaluation committee shall have full powers to undertake negotiations where it deemed necessary. Negotiations may, however, be undertaken only with the lowest Bidder(s) only.
16. JMF reserves the right to accept or reject any Bid, and to annul the Bidding process and reject all Bids at any time prior to Contract award without assigning any reasons thereof and without thereby incurring any liability to the Bidders.
17. JMF shall award the contract to the Bidder whose offer has been determined to be the lowest in accordance with the evaluation criteria set out in Evaluation and Qualification Criteria and if the Bidder has been determined to be qualified to perform the contract satisfactorily.



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2. TENDER DETAILS

The Jharkhand State Cooperative Milk Producers' Federation Ltd. (JMF), registered under Jharkhand Co-operative Societies Act, 1935 is engaged in milk procurement, processing and marketing activities of item milk and milk products in the state of Jharkhand and is popularly known for its brand 'Medha'. Under an MoU, the Federation is being run & managed by the **National Dairy Development Board (NDDB)**.

Sealed tenders/offers are invited from reputed NABL Certified Agency for the testing of Milk & Milk Products as per FSSAI.

The list of items required; its quantity is listed herein below:

Sl. No.	Name of Items	Sampling Location	Remarks
1	Charges for Testing of Milk & Milk Products, Raw Materials and Water as per details provided in SOQ in Annexure II	Medha Dairy, Hotwar Medha Dairy, Latehar Medha Dairy, Koderma Medha Dairy, Deoghar Medha Dairy, Sarath Medha Dairy, Sahibganj	

The tender document can be downloaded from our website www.jmf.coop

Sealed tenders/ offers may be submitted at the below address **on or before 30 Nov 2022 by 16:00 hrs** in a sealed cover super-scribing clearly with "**OFFER FOR EXTERNAL TESTING OF MILK & MILK PRODUCTS, RAW MATERIAL AND WATER**".

The Jharkhand State Cooperative Milk Producers' Federation Ltd

Medha Dairy Plant, Beside Birsa Munda Central Jail,
Hotwar, Ranchi – 834012, Jharkhand, INDIA.
Ph. No: 7544003404/7544003412/0651-2443055/62
Email: purchase@jmf.coop



Managing Director

The Jharkhand State Co-Op. Milk Producers' Fed. Ltd.



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3. TENDER SUBMISSION:

The bidder has to submit the tender in 'sealed envelope' in single stage two (02) Bid System i.e. Pre-Qualification/Technical Bid (Technical Envelope) and Financial Bid (Commercial Envelope) under one main envelope as below:

a. Envelope 1:

- Pre-Qualification/Technical Bid** - The envelope be superscribed with 'Technical Bid'. The bidder should submit relevant documents as per eligibility criteria along with filled & signed **Annex-I**.

b. Envelope 2:

- Financial / Commercial Bid**- The envelope be superscribed with 'Commercial Bid'. The bidders should quote the rates/ prices in Indian Rupees in bid format enclosed as **Annex-II**.
- Bid Currencies:** -The rate/ price should be quoted in Indian Rupees only.

Both the envelopes 'Envelope -1 and 2' to be put in a third envelope and the third envelope should be **superscribed with "OFFERS FOR EXTERNAL TESTING OF MILK & MILK PRODUCTS**.

Under this process, the Eligibility and qualification of the bidder will be first examined based on the details submitted in first cover (Technical Bid) with respect to eligibility criteria and specifications as prescribed in this tender document. The Price Bid under the second cover shall be opened for only those bidders whose technical Applications are responsive to eligibility and qualifications requirements as per Tender document.

1. Eligible Bidders

- This invitation for Bids is open to all bidders who have downloaded this bidding document in their name and meet the minimum eligibility criteria, if any, specified in this bidding document.

2. Bidding Document

- The fee/cost for bidding document is Rs. Nil/-.
- The Bidder shall bear all costs associated with the preparation and submission of its bid, and The Jharkhand State Coop Milk Producers' Federation Ltd will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.
- Interested eligible bidders may obtain further information from Head (Purchase), The Jharkhand State Coop Milk Producers' Federation Ltd, Beside Birsa Munda Central, Jail, Hotwar, Ranchi-834012, Phone no.: +91-(0651) 2270046, Email – purchase@jmf.coop

3. Downloading the Document

- The bid documents will also be available in the website at <http://www.jmf.coop> and can be downloaded.
- If any change/additions/ deletions/alterations are found to be made by them in the tender and the same is subsequently noticed at any stage, even after award of the contract, the bidders are liable for all consequences thereof and JMF shall be free to take suitable action as deemed necessary.



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4. ELIGIBILITY AND QUALIFICATION REQUIREMENTS:

The bidders must meet the following minimum qualifying criteria:

- That, bidder in the same name & style, should be in business at least for three years at the time of bid opening. In case of change of name of the bidder by merger /acquisitions/change in status, the bidder may be eligible based on the documentary evidence.
- That, bidder should have valid registration under various act they may be applicable for the supply/contract proposed. This shall include but not limited to Income tax, Companies Act, Goods & Service Tax (GST), Welfare Cess Act apart from any other applicable tax-imposed time to time by State/Central Govt. and Employee State Insurance, Contract Labour, Provident Fund etc.
- The Firm/Agency should be certified by FSSAI & NABL.
- Bidder should have valid FSSAI Recognized Certificate till 31st January 2023.
- Bidder should have valid NABL Accredited Certificate till 31st January 2023.
- Bidder should have Chemical Scope of Testing, Biological Scope of Testing for Milk and milk products including Indian sweets.
- Bidder should have Chemical Scope of Testing, Biological Scope of Testing of Drinking Water as per IS:10500:2012.

JMF reserves the right to verify/seek confirmation of all original documentary evidence submitted by Bidder in support of above-mentioned eligibility criterion. In case any information furnished by the bidder is found to be false/incorrect at any stage, the bid shall be summarily rejected and no correspondence on the same shall be entertained.





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5. Terms & Conditions:

- a. The Techno-commercial bids can be submitted by hand or by post/ courier. For bids submitted by post or Courier, it is bidder's responsibility that bid reaches our office on or before the scheduled time and date.
- b. The bidder needs to fill the company's detail in the prescribed format enclosed in **Annex -I**.
- c. Each bidder shall submit only one quotation. Bidder shall not contact other Bidders in matters relating to this Quotation.
- d. **Scope of Work:** On site sample collection of Raw Material/Dairy Product and Water Samples from various plants in state of Jharkhand as per the prescribed norms, analysis and submission of test reports for aforesaid parameters.
- e. The Prices shall be quoted in Indian Rupees only.
- f. **PRICE VARIATION:** The prices quoted shall be firm and shall remain applicable during the entire period of the contract till completion and no escalation in prices shall be permitted due to any reason.
- g. The rates should be mentioned in figures as well as in words. Erasing/ Overwriting should be avoided/duly attested. Taxes, however, should be indicated separately. In case nothing is mentioned, it will be assumed that all taxes are included in the rates quoted.
- h. **Validity of Bid/ Offer:** The rate offered by the tenderer shall be valid for 120 days from the date of opening of bid(s)/ tender.
 - a. For ready reference, standard quotation format for quoting the price is attached as "**Annex-II: Financial / Commercial Bid**". The bidder/ tenderer is requested to quote the rate/ price in the respective format only wherein all parameters need to be filled for quoted items.
 - b. The submission of tender will bind the agency/firm to acceptance of all conditions specified herein and in addition to the conditions of the contract. However, the terms and conditions are to be duly signed by the agency/firm and to be returned with the quotation as a token of acceptance
- i. **Payment Terms: 100% within 30 days after completion of job against submission of original invoice along with test report.**
- c. The undersigned will have no liability regarding transportation of samples and all the samples shall be collected from JMF plants or its specified location.
- d. **TDS GST DEDUCTION:** TDS under GST Act 2017 (w.e.f from 01.10.2018), Section 51 @2% shall be deducted from the payment of supplier for the total value of taxable supply of goods/ services or both under a contract exceeding 2.50 lakhs.
- e. **Cancellation of Contract:** JMF shall be free to cancel the order either in full or in part, in the case of non-delivery of material/noncompletion of installation within the stipulated delivery period by written notice of default sent to the Supplier.
- f. JMF reserves the right to accept or reject any or all the offers without assigning any reason thereof. Managing Director, JMF shall be Arbitrator in case of any disputes and his decision will be final and binding on both the parties. For all legal matters & dispute Ranchi court shall be our Jurisdiction. Any money found recoverable shall be recovered under the public Demand Recovery Act without prejudice to any other mode of recovery.

We look forward to receiving your quotations and thank you for your interest in this job.

**Managing Director,
The Jharkhand State Coop Milk Producers'
Federation Ltd**



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ANNEXURE – I **TENDERER'S PROFILE**

No	Details		
1	Name of Vendor/ Tenderer		
2	Address Of Registered Office		
3	Address Of Factory/ Works		
4	Name Of Contact Person		
5	Contact Nos.		
6	Type Of Firm : Ltd Co/ Pvt. Ltd. / Partnership/ Proprietor		
7	Nature Of Firm: Manufacturer/ Traders / Autho. Dist. / Dealer		
8	Year Of Establishment		
9	Name Of Product, you Deal		
	Please, Specify in separate sheet (As per below Format)		
	S. No	Item Description (Shortly)	Make/Brand
10	G.S.T. No & Reg. Date		
11	PAN No & Date		
12	Turn Over Of last 3 Year (Rs.)		
	1.	2.	3.
13	If You have maintained any quality standard (Pl. Specify)		
14	Name Of Clients (If required, Pl. Specify in separate sheet		
	1.	2.	3.
15	Min. Lead Time Required (Days)		
16	Bank Details		
	Name of Bank :		
	Branch Address:		
	Account No. :		
	IFSC Code :		
17	Documents to Be Attached		
	1. Copy of Registration + PAN Copy + GST Regn. 2. ISO Certificates 3. Autho. Dealership 4. Fin. Statements 5. Product Brochures 6. Copy of PO's (Min.5)		
Recommendation:			
Seal & Sign. of Vendor			



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ANNEXURE-II

PARAMETERS TO BE TESTED IN MILK & MILK PRODUCTS AS PER FSSAI NORMS

Raw Materials			
Material	Chemical	Other parameter	Microbial Testing
Raw Milk	Fat	Heavy Metals (i.e. Cd, Pb, As & Hg)	Aerobic Plate Count
	Total Solid	Aflatoxin M1 (ug/kg) (ug/kg)	Coliform Count
	Protein	Antibiotic /Veterinary Drugs residues as per FSSAI	
	Carbohydrate	Contaminant as per FSSAI	
	Ash	Pesticide Residues (with isomers) as per FSSAI	
	Test for adulteration (Cellulose, Starch, Formalin, Vegetable Oil, Maltodextrin, Glucose, Urea, Sucrose, Salts, Neutralizer, Nitrates, Hydrogen Peroxide, Boric Acid, Detergent, Ammonium Compounds, SMP, Hypochlorites, Chloramines, Salicylic Acid)	Melamine	
SMP	Fat	Heavy Metals	E. coli
	Total Solid	Aflatoxin M1 (ug/kg) (ug/kg)	Salmonella
	Protein	Contaminant as per FSSAI	S. aureus
	Carbohydrate	Pesticide Residues (with isomers) as per FSSAI	Shigella
	Ash	Melamine	Aerobic Plate Count
	Test for adulteration (As per FSSAI)		Coliform Count
	Acidity		Yeast & Mould Count
	Moisture		Bacillus cereus
			Sulphite Reducing Clostridia (SRC)
		Listeria monocytogenes	
WMP	Fat	Heavy Metals	E.coli
	Total Solid	Aflatoxin M1 (ug/kg) (ug/kg)	Salmonella
	Protein	Contaminant as per FSSAI	S. aureus
	Carbohydrate	Pesticide Residues (with isomers) as per FSSAI	Shigella
	Ash	Melamine	Aerobic Plate Count



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	Test for adulteration (As per FSSAI)		Coliform Count
	Acidity		Yeast & Mould Count
	Moisture		Bacillus cereus
			Sulphite Reducing Clostridia (SRC)
Sugar	Chemical testing as per FSSAI	Contaminant testing as per FSSAI	Microbial testing as per FSSAI
	Nutritive testing as per FSSAI		
Citric acid	Chemical testing as per FSSAI		
Salt	Nutritive analysis as per FSSAI	Contaminant testing as per FSSAI	Microbial testing as per FSSAI
	Chemical testing as per FSSAI		
Semolina	Nutritive analysis as per FSSAI	Contaminant testing as per FSSAI	Microbial testing as per FSSAI
	Chemical testing as per FSSAI		

Milk & Milk Products

Material	Chemical Testing	Nutritional Information	Other parameter	Microbial Testing
Toned Milk	Fat	Energy (kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues (with isomers) as per FSSAI	Coliform Count
	Neutralizer	Carbohydrate (g)		Yeast & Mould Count
	Added SMP	Protein (g)		Staph. Aureus (Cogulase Positive)
		Calcium (mg)		E. Coli
		Phosphorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		
Standardized Milk	Fat	Energy (kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues (with isomers) as per FSSAI	Coliform Count
	Neutralizer	Carbohydrate (g)		Yeast & Mould Count
	Added SMP	Protein (g)		Staph. Aureus (Cogulase Positive)
		Calcium (mg)		E. Coli
		Phosphorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Saturated Fat (g)		



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		Trans Fat (g)		
		Saturated Fat (g)		
Standardized Milk (Homogenised)	Fat	Energy (kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Neutralizer	Carbohydrate (g)		Yeast & Mould Count
	Added SMP	Protein (g)		Staph. Aureus(Cogulase Positive)
		Calcium (mg)		E. Coli
		Phophorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		
		Saturated Fat (g)		
Double Toned Milk	Fat	Energy (kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Neutralizer	Carbohydrate (g)		Yeast & Mould Count
	Added SMP	Protein (g)		Staph. Aureus(Cogulase Positive)
		Calcium (mg)		E. Coli
		Phophorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		
		Saturated Fat (g)		
Cow Milk	Fat	Energy (kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Neutralizer	Carbohydrate (g)		Yeast & Mould Count
	Added SMP	Protein (g)		Staph. Aureus(Cogulase Positive)
		Calcium (mg)		E. Coli
		Phophorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		
		Saturated Fat (g)		
Pouch Flavoured	Fat	Energy (kcal)	Contaminant as per FSSAI	Aerobic Plate Count



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Milk	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Neutralizer	Carbohydrate (g)		Yeast & Mould Count
	Added SMP	Protein (g)		Staph. Aureus(Cogulase Positive)
		Calcium (mg)		E. Coli
		Phophorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		
		Saturated Fat (g)		
Sterilised Flavoured Milk	Fat	Energy (kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Neutralizer	Carbohydrate (g)		Yeast & Mould Count
	Added SMP	Protein (g)		Staph. Aureus(Cogulase Positive)
	Turbidity Test	Calcium (mg)		E. Coli
	Added Sugar	Phophorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		Aerobic and An-aerobic Spore Count
	Saturated Fat (g)			
P.Dahi	Fat	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Total Solid	Carbohydrate (g)		Yeast & Mould Count
		Protein (g)		Staph. Aureus(Cogulase Positive)
		Calcium (mg)		E. Coli
		Phophorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		Listeria monocytogenes
	Saturated Fat (g)			
M.dahi	Fat	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Added Sugar	Carbohydrate (g)		Yeast & Mould Count



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	Total Solid	Protein (g)		Staph. Aureus(Cogulase Positive)
		Calcium (mg)		E. Coli
		Phosphorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		Listeria monocytogenes
		Saturated Fat (g)		
Spice Buttermilk	Fat	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Total Solid	Carbohydrate (g)		Yeast & Mould Count
	Added Salt	Protein (g)		Staph. Aureus(Cogulase Positive)
		Calcium (mg)		E. Coli
		Phosphorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		Listeria monocytogenes
	Saturated Fat (g)			
Plain Buttermilk	Fat	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Total Solid	Carbohydrate (g)		Yeast & Mould Count
		Protein (g)		Staph. Aureus(Cogulase Positive)
		Calcium (mg)		E. Coli
		Phosphorus (mg)		Salmonella
		Sodium (mg)		Shigella
		Trans Fat (g)		Listeria monocytogenes
	Saturated Fat (g)			
Lassi	Fat	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	SNF	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Total Solid	Carbohydrate (g)		Yeast & Mould Count
		Protein (g)		Staph. Aureus(Cogulase Positive)
		Added Sugar (g)		E. Coli
		Calcium (mg)		Salmonella



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		Phosphorus (mg)		Shigella
		Sodium (mg)		Listeria monocytogenes
		Trans Fat (g)		
		Saturated Fat (g)		
Peda	Fat(DMB)	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	Moisture	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Total Solid	Carbohydrate (g)		Yeast & Mould Count
	Ash	Protein (g)		Staph. Aureus(Cogulase Positive)
		Added Sugar (g)		E. Coli
		Calcium (mg)		Salmonella
		Phosphorus (mg)		Shigella
		Sodium (mg)		Listeria monocytogenes
		Trans Fat (g)		
		Saturated Fat (g)		
Ghee	FFA	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	RM Value	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	BR Reading	Carbohydrate (g)		Yeast & Mould Count
	Boudin Test	Protein (g)		
	PV Value	Cholestrol (mg)		
	Mineral Oil Test	Calcium (mg)		
	Vegetable Oil Test	Phosphorus (mg)		
	Animal Fat	Sodium (mg)		
	Moisture	Trans Fat (g)		
	Fat	Saturated Fat (g)		
Paneer	Fat(DMB)	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	Moisture	Energy from Fat (kcal)	Pesticide Residues (with isomers) as per FSSAI	Coliform Count
	Titratable acidity	Carbohydrate (g)	Melamine	Yeast & Mould Count
		Protein (g)		Staph. Aureus (Cogulase Positive)
		Added Sugar (g)		E. Coli
		Calcium (mg)		Salmonella



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		Phosphorus (mg)		Shigella
		Sodium (mg)		Listeria monocytogenes
		Trans Fat (g)		
		Saturated Fat (g)		
Kheer Mix	Fat(DMB)	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	Moisture	Energy from Fat (kcal)	Pesticide Residues (with isomers) as per FSSAI	Coliform Count
	Ash	Carbohydrate (g)		Yeast & Mould Count
	Solubility Index	Protein (g)		Staph. Aureus (Cogulase Positive)
	Titrateable acidity	Addded Sugar (g)		E. Coli
		Calcium (mg)		Salmonella
		Phosphorus (mg)		Shigella
		Sodium (mg)		Listeria monocytogenes
		Trans Fat (g)		B. Cereus
		Saturated Fat (g)		Sulphite Reducing Clostridia (SRC)
Gulabjamun	Fat(DMB)	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	Moisture	Energy from Fat (kcal)	Pesticide Residues (with isomers) as per FSSAI	Coliform Count
	Ash	Carbohydrate (g)	Melamine	Yeast & Mould Count
		Protein (g)		Staph. Aureus(Cogulase Positive)
		Addded Sugar (g)		E. Coli
		Calcium (mg)		Salmonella
		Phosphorus (mg)		Shigella
		Sodium (mg)		Listeria monocytogenes
		Trans Fat (g)		
		Saturated Fat (g)		
Medha Special	Fat(DMB)	Energy(kcal)	Contaminant as per FSSAI	Aerobic Plate Count
	Moisture	Energy from Fat (kcal)	Pesticide Residues(with isomers) as per FSSAI	Coliform Count
	Ash	Carbohydrate (g)		Yeast & Mould Count
		Protein (g)		Staph. Aureus(Cogulase Positive)
		Addded Sugar (g)		E. Coli
		Calcium (mg)		Salmonella



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		Phosphorus (mg)		Shigella
		Sodium (mg)		Listeria monocytogenes
		Trans Fat (g)		
		Saturated Fat (g)		

Water Testing	
General Parameter	IS 10500 Parameters
Organoleptic and Physico-Chemical Parameters	Colour in Hazen units, Max.,
	Odour, pH value,
	Taste, Turbidity in NTU, Max,
	Total dissolved solids, mg/l Max.,
General Parameters Concerning Substances Undesirable in Excessive Amounts	Aluminium (as Al), mg/l, Max,
	Ammonia (as total ammonia-N), mg/l Max,
	Anionic detergents (as MBAS) mg/l Max.,
	Barium (as Ba), mg/l, Max.,
	Boron (as B), mg/l, Max.,
	Calcium (as Ca), mg/l, Max.,
	Chloramines (as Cl ₂), mg/l, Max,
	Chloride (as Cl), mg/l, Max.,
	Copper (as Cu), mg/l, Max.,
	Fluoride (as F) mg/l, Max.,
	Free residual chlorine, mg/l, Min.,
	Magnesium (as Mg), mg/l, Max.,
	Manganese (as Mn), mg/l, Max.,
	Mineral oil, mg/l, Max.,
	Silver (as Ag), mg/l, max.,
Sulphide (as H ₂ S), mg/l, Max.,	
Total alkalinity as calcium carbonate, mg/l, Max.,	
Total hardness (as CaCO ₃), mg/l, Max.,	
Zinc (as Zn), mg/l, Max.	
Parameters Concerning Toxic Substances	Cadmium (as Cd), mg/l, Max.,



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	Lead (as Pb), mg/l, Max.,
	Mercury (as Hg), mg/l, Max.,
	Molybdenum (as Mo), mg/l, Max.,
	Nickel (as Ni), mg/l, Max.,
	Polychlorinated biphenyls, mg/l, Max.,
	Polynuclear aromatic hydro-carbons (as PAH), mg/l, Max.,
	Total chromium (as Cr), mg/l;
	Trihalomethanes (Bromoform, mg/l, Max, Dibromochloromethane, mg/l, Max.,
	Bromodichloromethane, mg/l, Max.,
	Chloroform, mg/l, Max.
Parameters Concerning Radioactive Substances	Alpha emitters, µc/ml, Max.,
	Beta emitters, µc/ml, Max
Pesticide Residues	Alachlor, Atrazine,
	Aldrin/ Dieldrin, Alpha HCH,
	Beta HCH, Butachlor, Chlorpyrifos,
	Delta HCH, 2,4- Dichlorophenoxyacetic acid,
	DDT (o, p and p, p – Isomers of DDT, DDE and DDD),
	Endosulfan (alpha, beta, and sulphate),
	Ethion, Gamma — HCH (Lindane),
	Isoproturon, Malathion, Methyl parathion,
	Monocrotophos, Phorate
Bacteriological Quality of Drinking Water	Total coliform bacteria,
	E.Coli or thermotolerant Coliform Bacteria,
Virology & Parasitology Quality of Drinking Water	

Note: Sample Collection: In the scope of bidder from different plants of Jharkhand Milk Federation (i.e., Medha Dairy Hotwar, Ranchi, Medha Dairy Deoghar, Medha Dairy Sarath, Medha Dairy Sahibganj, Medha Dairy Koderma and Medha Dairy Latehar).



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ANNEXURE-III
(FINANCIAL BID)

MILK & MILK PRODUCTS TESTING AS PER FSSAI

RAW MATERIALS

Material	No. of Sample	Unit Rate (Rs.)	Total Amount (Rs.)
Raw Milk Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
SMP Testing Charges for Sample from Hotwar Dairy Plant	1		
WMP Testing Charges for Sample from Hotwar Dairy Plant	1		
Sugar Testing Charges for Sample from Hotwar Dairy Plant	1		
Citric Acid Testing Charges for Sample from Hotwar Dairy Plant	1		
Salt Testing Charges for Sample from Hotwar Dairy Plant	1		
Semolina Testing Charges for Sample from Hotwar Dairy Plant	1		
Subtotal (Rs.)			
GST _____ %			
Grand Total (Rs.)			

(In Words) Rupees _____)

*The total amount should include Sample Collection and Delivery charges to Laboratory, GST etc.

Thanking you,

Name of Tenderer: _____
Name of Contact Person: _____
Post / Designation: _____

Yours faithfully,
 Signature & Stamp of the Supplier/ Bidder



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MILK & MILK PRODUCTS

Material	No. of Sample	Unit Rate (Rs.)	Total Amount (Rs.)
Toned Milk Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
Standardized Milk Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
Standardized Milk (Homogenised) Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
Double Toned Milk Testing Charges for Samples from Hotwar & Sarath Dairy Plants	2		
Cow Milk Testing Charges for Samples from Hotwar, Koderma, Latehar, Sahibganj Dairy Plants	4		
Pouch Flavoured Milk Testing Charges for Sample from Hotwar Dairy Plant	1		
Sterilised Flavoured Milk Testing Charges for Sample from Hotwar Dairy Plant	1		
P.Dahi Testing Charges for Samples from Hotwar, Deoghar, Koderma, Latehar Dairy Plants	4		
M. Dahi Testing Charges for Samples from Hotwar, Deoghar, Koderma, Latehar Dairy Plants	3		
Spice Buttermilk Testing Charges for Sample from Hotwar Dairy Plant	1		
Plain Buttermilk Testing Charges for Sample from Hotwar Dairy Plant	1		
Lassi Testing Charges for Samples from Hotwar, Deoghar, Koderma, Latehar Dairy Plants	3		
Peda Testing Charges for Samples from Hotwar, Deoghar Dairy Plants	2		
Ghee Testing Charges for Sample from Hotwar Dairy Plant	1		
Paneer Testing Charges for Samples from Hotwar, Deoghar,	4		



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Koderma, Latehar Dairy Plants			
Kheer Mix Testing Charges for Sample from Hotwar Dairy Plant	1		
Gulabjamun Testing Charges for Sample from Hotwar Dairy Plant	1		
Medha Special Testing Charges for Samples from Hotwar, Deoghar Dairy Plants	2		
Subtotal (Rs.)			
GST _____%			
Grand Total (Rs.)			

(In Words) Rupees _____)

*The total amount should include Sample Collection and Delivery charges to Laboratory, GST etc.

Thanking you,

Yours faithfully,
Signature & Stamp of the Supplier/ Bidder

Name of Tenderer: _____
Name of Contact Person: _____
Post / Designation: _____





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WATER TESTING

General Parameter	No. Of Samples	Unit Rate (Rs.)	Total Amount (Rs.)
Organoleptic and Physico-Chemical Parameters Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
General Parameters Concerning Substances Undesirable in Excessive Amounts Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
Parameters Concerning Toxic Substances Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
Parameters Concerning Radioactive Substances Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
Pesticide Residues Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
Bacteriological Quality of Drinking Water Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
Virology & Parasitology Quality of Drinking Water Testing Charges for Samples from Hotwar, Sarath, Deoghar, Koderma, Latehar, Sahibganj Dairy Plants	6		
	Subtotal (Rs.)		
	GST _____ %		
	Grand Total (Rs.)		

(In Words) Rupees _____)

*The total amount should include Sample Collection and Delivery charges to Laboratory, GST etc.

Thanking you,

Name of Tenderer: _____
Name of Contact Person: _____
Post / Designation: _____

Yours faithfully,
Signature & Stamp of the Supplier/ Bidder