



Request for quotation: Supply of milk testing equipment & quality assurance tools for milk processing dairy unit in Bajju, Rajasthan

Dated: 15th Nov, 2025

Issued by: Bahula Foods Pvt Ltd

1. Brief project overview

Bahula is implementing a dairy unit upgradation project, supported by Access Development Services. Under the programme, we are enhancing the milk processing unit in Bajju and Jaisalmer district.

2. About Bahula

Bahula is a good food company founded in 2022 with the objective of rebuilding market value for camel milk and other desert-origin crops, Bahula's sourcing and operations are anchored in Bajju, a desert settlement located in western Rajasthan. The company works closely with local pastoralist and farming communities, integrating traditional livelihoods with formal market linkages and modern food-processing standards. We work on a range of desert origin foods - camel milk, A2 ghee, black wheat atta, cold-pressed oils, camel cheese, biscuits, and others.

3. Scope of supply

We invite quotations for the following:

1. Milk analyser
2. Milk adulteration test kits (minimum 100 tests in total)
3. Digital platform weighing scale – 300 kg capacity

4. Detailed specifications

A. Milk analyser

Standard functional requirements

- Measurement parameters: Fat, SNF, Protein, Density, Added Water
- Operation: AC power, with battery backup capability preferred
- Should have digital display
- Must support routine calibration

Vendor is requested to specify

- Measurement accuracy for Fat, SNF, Protein



- Sample volume required per test
- Testing speed (seconds per sample)
- Calibration certificate availability
- Warranty period
- Consumables required and their replacement frequency

B. Milk adulteration test kits

Minimum Adulterants to Be Detected

- Urea
- Starch
- Detergent
- Added Water
- Neutralizers (Soda/NaOH)
- Sugar/Glucose

Preferred (optional):

- Formalin
- Hydrogen Peroxide

Vendor is requested specify

- Number of tests per kit (10-test, 20-test, 50-test packs, etc.)
- Shelf life
- Storage requirements (ambient vs. refrigerated)
- Time needed to perform each test
- Colour change/result interpretation method
- Safety precautions
- Any adulterants detected beyond the list above

C. Digital platform weighing scale - 300 kg

We require a standard 300 kg platform scale suitable for weighing milk cans and crates.

Standard functional requirements

- Capacity: 300 kg
- Platform size: approx. 600 × 600 mm
- Digital display (LED or LCD)
- Tare function
- Overload protection
- Calibration certificate

Vendor is requested to specify



- Accuracy class / least count (typically 50 g or 100 g)
- Platform material (SS or MS)
- Display visibility and pole height
- Power supply and battery backup
- Warranty period (minimum 12 months)
- Type of load cell used

5. Preconditions

- a. No subcontracting is permissible
- b. The supplier may choose to propose for the full services or individual components.

6. Vendors are requested to include:

1. Company profile and GST registration
2. Technical datasheets of offered models
3. Warranty terms for analyser, test kits and weighing scale
4. Calibration certificates (where applicable)
5. Delivery timeline
6. After-sales service details & AMC options (if available)

7. RFQ timeline

- Last date for submission: 7th Jan, 2026
- Email for submission: dundun@bahulanaturals.com