6.0 SPECIFICATION FOR MILK ANALYSER

S No.	Particulars	Specification
Note:	These are broad minimum specs for the analyser. Bidders can offer analyser with advanced technology and improved testing features for fat and SNF.	
6.1	Functional Requirement	To test & display fat, SNF & added water of sample milk
6.2	Type	☐ Ultrasonic principle based milk analyser for testing fat, SNF & added water
		☐ Measuring parameters:
		1) Fat – 0.5% to 12% with accuracy +/- 0.1%, with Resolution: 0.01% and Repeatability: +/-0.05 %
		2) SNF – 6% to 12% with accuracy +/- 0.2, with Resolution: 0.01% and Repeatability: +/-0.05 %
		3) Added water – 0% to 60% with accuracy +/- 5%, with Resolution: 1% and Repeatability 0.5%
		☐ Measuring cycle-40 Sec per sample
		☐ Average testing speed - 70 samples/ hr
6.3	Operational abilities	Mode selection for type of milk - Cow, Buffalo, Mixed/single curve with Cleaning, Calibration, System error list etc.
6.4	Type	Ultrasonic milk analyzer for testing fat, SNF & added water
	MoC for enclosure	AISI 304, 0.75 mm thick minimum
6.5	Loose Accessories	• Holding bottom tray for spillage- 1 No. • RS 232 Serial Cable- 1 No. • A C Power cable with plug top- 1 No. • Measuring mugs-2 No • Daily cleaning solution – No. of Bottle 3 (Quantity minimum 200 ml or equivalent). • Weekly cleaning solution - No. of Bottle 2 (Quantity minimum 200 ml or equivalent) **or** • Monthly cleaning solution - No. of Bottle 1 (Quantity minimum 200 ml or equivalent)
6.6	Manual	Operating Manual each in English & preferably Local language per DPMCU supply