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Corrigendum

With reference to NIT No. WBARD/WBMF/ANALYZER/Diff. MU/NIT-04/10/10(QA)/22-23 dated 20.01.2023 [e-proc tender ID: 2023_ARD_450698_1] following amendments are being issued. The bidders are advised to take into account the following amendments before submission of their bids against this tender.

Ref No. in Tender Document	Existing tender content	To be read as
Sl. No. 1 under Detailed Specifications of Analyzer components (Page No. 10)	Functional Requirements: To test & display fat, SNF and added water of sample milk.	Functional Requirements: To test & display fat %, SNF %, added water % and density of sample milk.
Sl. No. 1.1 under Specification of Milk Analyzer (Page No. 11)	Functional Requirement To test Fat, SNF, Added water, Lactose, Protein, Added Salts & to display fat, SNF & added water of sample milk.	Functional Requirement To test and display fat %, SNF %, added water % and density of sample milk.
Sl. No. 1.2 under Specification of Milk Analyzer (Page No. 11)	General Characteristics, Technical Overview & Measuring Parameters <ul style="list-style-type: none">• Ultrasonic Double sensor based milk analyzer for testing Fat, SNF, Added water, Lactose, Protein and added Salts.• Measuring parameters:<ol style="list-style-type: none">1) Fat – 0.5% to 15% , with accuracy + / - 0.1%, with Resolution: 0.01% and Repeatability: + / - 0.05%2) SNF – 3 % to 15 % , with accuracy + / - 0.2%, with Resolution : 0.01%	General Characteristics, Technical Overview & Measuring Parameters <ul style="list-style-type: none">• Ultrasonic Single sensor based milk analyzer for testing fat %, SNF %, Added water % and density.• Measuring parameters:<ol style="list-style-type: none">1) Fat – 0.5% to 15% , with accuracy + / - 0.1%, with Resolution: 0.01% and Repeatability: + / - 0.05%2) SNF – 3 % to 15 % , with accuracy + / - 0.2%, with Resolution :

	<p>and Repeatability: + / - 0.05%</p> <p>3) Added water – 0% to 100% with accuracy +/- 0.5%, with Resolution: 1% and Repeatability 0.5%</p> <p>4) Lactose – 1- 8%, Resolution 0.1%, Accuracy +/- 0.2%</p> <p>5) Protein – 1– 6 %, Resolution 0.1%, Accuracy +/- 0.2%</p> <p>6) Added Salts – 0.2 – 1.5%, Resolution 0.1%, Accuracy + / - 0.2%</p> <ul style="list-style-type: none"> • Measuring time: >30 Sec per sample @ 30⁰C Milk Temperature • Average testing speed: 80 samples / hr. (minimum) @ 30⁰C Milk Temperature. • Milk Sample Volume: 25 ml. (maximum) • Milk sample Temperature: 10 – 40⁰C • Milk Acidity: <25⁰T (Degree Thorn) • Cleaning: Manual & Auto • Memory: Cleaning, Correction & Calibration records with time Stamp • Password: Two Layer Password Protection • Display: 2*20 character LCD display with Green backlight. • Power: AC Power – 160V – 270V /50HZ AC 1.6 A Max; DC Voltage – 12 – 14.2 V DC; Consumption 40 W max; DC Cable DIN Connector with Cable length of 1.8 Meter • Keyboard: 4 Keys • Selectable DATA Format for easy interface with any Dairy Software • Relative Humidity – 30 – 80% Interface – RS – 232 Serial with Cable 	<p>0.01% and Repeatability: + / - 0.05%</p> <p>3) Added water – 0% to 100% with accuracy +/- 0.5%, with Resolution: 1% and Repeatability 0.5%</p> <ul style="list-style-type: none"> • Measuring time: >30 Sec per sample @ 30⁰C Milk Temperature • Average testing speed: 80 samples / hr. (minimum) @ 30⁰C Milk Temperature. • Milk Sample Volume: 25 ml. (maximum) • Milk sample Temperature: 10 – 40⁰C • Milk Acidity: <25⁰T (Degree Thorn) • Cleaning: Manual & Auto • Memory: Cleaning, Correction & Calibration records with time Stamp • Password: Two Layer Password Protection • Display: 2*20 character LCD display with Green backlight. • Power: AC Power – 160V – 270V /50HZ AC 1.6 A Max; DC Voltage – 12 – 14.2 V DC; Consumption 40 W max; DC Cable DIN Connector with Cable length of 1.8 Meter • Selectable DATA Format for easy interface with any Dairy Software • Relative Humidity – 30 – 80% Interface – RS – 232 Serial with Cable
<p>Sl. No. 3 under Specification of Milk</p>	<p>REMOTE DISPLAY UNIT (RDU)</p>	

Analyzer (Page No. 12)		
3.1	Functional Requirement To display pourer members milk collected & milk testing and other selected parameters in English and Bengali (Local Language).	
3.2	Type Wall mounted type	
3.3	Display Parameters – 8 No. Member's code-3 to 16 digits; ii) Milk Weight – 5 digits; iii) Fat % - 4 digits; iv) SNF % - 4 digits; v) Rate in Rs- 5 digits; vi) Amount in Rs.- 6 digits generally to meet the need of the users.	Deleted
3.4	Interface RS- 232 / USB Host	
3.5	Display Type 6 Bright segments, Red/Green LED, 25 mm, 33 No., 11 in each row with 3 rows (or suitable to meet the requirement	
3.6	Labels for display Screen printed	
3.7	Environment Dusty, Humid, preferably housing to be with IP 55 or equivalent protection, rust proof powder coated metallic.	
3.8	Connection Cables Minimum 5 m Power cable with plug top with connector at both ends	
Salient value in Page No. 12	Salient value • Dual ultrasonic Sensor for faster measurement and high precision for high fat milk.	Deleted

ALL OTHER TERMS AND CONDITIONS OF THE TENDER SHALL REMAIN UNCHANGED.

Sd/-
Managing Director
West Bengal Co-operative Milk Producers' Federation Ltd.