



CALL FOR TENDERS





1. General Information

About Project: UNICEF funded project "**catalytic funds**" aiming at building capacity for supporting egg powder production at scale

Name of the organization: Organization for Social Science Research in Eastern and Southern Africa (OSSREA)

Purpose of the specification: Procurement of incubator, forced air oven, shaking water bath, Kjeldahl digestion unit, and Kjeldahl distillation unit

Date of issuance: 13/06/2023

2. Technical Requirements

#	Item	Specification	Quantity
1	Incubator	Laboratory incubator Chamber capacity: 50L Temperature range: Ambient to 70 °C Temperature accuracy: $\pm 0.5^{\circ}\text{C}$ Controls: Digital control panel with temperature display and programmability Power Requirements: 220-240V AC, 50/60Hz, single phase Construction: Stainless steel chamber, solid outer door, clear inner doors with knob, minimum of two adjustable stainless steel shelves Safety Features: Overheat protection, door interlock safety mechanism Additional features: Internal lighting, timer function, built-in alarm system	1
2	Oven	Laboratory forced air oven Chamber capacity: 50L Temperature range: Ambient to 250 °C Temperature accuracy: $\pm 1^{\circ}\text{C}$ Controls: Digital control panel with temperature display and programmability Power Requirements: 220-240V AC, 50/60Hz, single phase Construction: Stainless steel chamber, solid outer door, minimum of two adjustable stainless steel shelves Safety Features: Overheat protection, door interlock safety mechanism	1



		Additional features: Timer function, built-in alarm system	
3	Shaking water bath	<p>Laboratory shaking water bath</p> <p>Capacity: 20L</p> <p>Temperature range: Ambient to 100 °C</p> <p>Temperature accuracy: $\pm 0.5^{\circ}\text{C}$</p> <p>Shaking Speed: Adjustable shaking speed range up to 300 rpm</p> <p>Controls: Digital control panel with temperature and shaking speed display and programmability</p> <p>Power Requirements: 220-240V AC, 50/60Hz, single phase</p> <p>Construction: Stainless steel interior and exterior, removable lid, minimum of two adjustable stainless steel shelves</p> <p>Shaking mechanism: Reciprocal shaking mechanism with secure and stable platform with adjustable clamps or racks</p> <p>Water bath features: Water level control and convenient drainage system</p> <p>Bath Material: Corrosion-resistant and chemical-resistant material</p> <p>Safety Features: Overheat protection, low water level detection, and safety shut-off</p> <p>Additional features: Timer function, built-in alarm system</p>	1
4	Kjeldahl Digestion System	<p>Digestion Capacity: 20 samples simultaneously</p> <p>Heating Method: Electrical heating with individual heating zones for each sample</p> <p>Temperature Range: Ambient temperature to 450°C</p> <p>Controls: Manual control knobs for temperature adjustment</p> <p>Temperature Accuracy: $\pm 1^{\circ}\text{C}$</p> <p>Digestion Tube Size: 250/300 ml capacity</p> <p>Safety Features: Overheat protection, safety shut-off, and ventilation system</p> <p>Power Requirements: 220-240V AC, 50/60Hz, single phase</p> <p>Construction: Durable and chemically resistant materials</p> <p>Heating Block: High-quality heating block with corrosion-resistant coating</p>	1



		Fume Management: Integrated fume management system with exhaust outlet Controls: Digital control panel with temperature display and programmability Additional features: Timer function, built-in alarm system	
5	Kjeldahl Distillation System	Heating method: Electrical heating for steam generation with precise temperature control Controls: Digital control panel with temperature and distillation time adjustment Distillation time: Adjustable distillation time Compatible with the Kjeldahl digestion system Power Requirements: 220-240V AC, 50/60Hz, single phase Reagent containers: Containers for the alkali, water, and outlet Construction: Durable and chemically resistant materials	1

❖ **Note: Depending on the price for the items listed on No. 1,2 & 3, we will increase the purchase quantity up to Three (3) for each item.**

3. Warranty

Minimum one-year warranty

4. Delivery

Within 7 working days after notification of winning

5. Documentation

User manuals in English

6. Pricing

Please provide itemized pricing, including VAT.

7. Submission Details

Submission Deadline: June 17, 2023

Submission method: In person

Address: Organisation for Social Science Research in Eastern and Southern Africa (OSSREA), in side Addis Ababa University Sidist Kilo Main Campus

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