

Tender for supply of Milk coolers for the YIDaMS Project.**Procurement number REU 02/03/2025****Closing Date: 27th March 2025****ABOUT RIPPLE EFFECT UGANDA**

Ripple Effect Uganda is a growing and dynamic international development charity creating a wave of change in rural Africa. We are at an exciting stage in our history, as we recently re-branded from Send a Cow with an ambitious new 2030 strategy to multiply our impact.

In partnership with **Mastercard Foundation**, Ripple Effect Uganda is implementing a five-year (2022 - 2027) **Youth Inclusive Dairy Market Systems (YIDaMS)** project whose aim is to enable 63,400 young women and men to access dignified and fulfilling work in the dairy sector. We are currently procuring capital items for the project.

Ripple Effect Uganda invites prospective vendors to submit bids for **Supply of Milk Coolers for the YIDaMS project** as per the specifications below to be delivered to our milk collection centres.

DESCRIPTION OF ITEM

No	Item Description	Unit Type	Quantity
Lot 1	Milk coolers	1,000	5

Solid Specification

- Tanks for storing raw milk, Cream & pasteurized milk.
- Complete condensing unit, with legs or on flat bottom.
- Single-walled, insulated tanks with cavity that allows the circulation of cooling fluid.
- Able to maintain temperature of the product inside the tank.
- Equipped with a weight, level, and temperature control system.
- Chilling time 3 hours at 4 degrees C
- Made of stainless steel with T.I.G. welds
- Vertical with stainless-steel stirrer

- The Milk Coolers should be made of stainless steel new from Muller company Netherlands or any other European country

Detailed Specification

TECHNICAL SPECIFICATIONS COOLING TANK 1000L

Capacity: 1000L

Type: Vertical cylindrical

Diameter: 179cm

Length: 300cm

Height: 145cm

Weight: 400 kg

Cleaning system: Manual

Cooling tanks can be connected to solar energy.

Part

Dimension

Platform plate-700x1300x1,5mm AISI 430

Condenser- 50 m²

Drayer- 1/2' 304S

Expansion Valve-TS2 068Z3414

Orifice-NO:6

Service Pressure Relief Valve-1/4'

Copper Fitting-1/2' – 3/8' – 5/8' – 7/8'

Bottom Panel Thermoplastics- 210x280x130mm

Contactor-3RT-2017-1AP02 5,5 KW

Automat-C3x25A

Digital Thermostat-MTV01

Fitting-PG16

Three Phase Male Plug-380 V 5X16A

Cable TTR-3x2,5 mm

Cable Control-4x0,75mm

Temperature Probe-10K NTC

Cooler Gas-R404-A

Electric Terminal

Electric Terminal Stopper

Cartilage-12 mm Spiral

Liquid Receiver

VLR.A.33b.06.B2.C2

Suction Line Accumulator-TC-206

Low Pressure Switch-0,7-1,7 BAR

High Pressure Switch

21-28 BAR
 Chassis
 40x80x1,5 mm Profile AISI 304
 Butterfly Valve-DN50
 Steel Spring-4x30x110mm AISI 304
 Mixer Motor-40W – 30 r/m – 220V
 Profile Adjustable Feet- Ø45xM12x45 mm

LOCATION OF THE MILK COLLECTION CENTRES (MCC)

The cools will be delivered to the centres below

S/no	District	Sub county	Name of MCP/MSP
1	Isingiro	Kabuyanda	Kinyangye milk collection point
2	Mbarara	Rwanyamahembe TC	Rwanyamahembe Milk Collection Centre
3	Isingiro	Isingiro Tc	Ruhimbo Dairy Youth Group
4	Ntungamo	Kafunjo Tc	Kafunjo youth Dairy cooperative
5	Bushenyi	Nyakabirizi	Nyakabirizi United Dairies

PROPOSED TIMELINES

Deadline for submission	27 th March 2025
Proposed tender opening dates	28 th March 2025

SUBMISSION PROCEDURE

Eligible vendors may submit their proposals physically to our Head Office at Plot 1 Ssemawata Road, Ntinda in a sealed envelope clearly marked "**Tender for supply of Milk coolers for the YIDaMS Project**" or sent via email to ugandaapplications@rippleeffect.org, clearly indicating "**Tender for supply of Milk coolers for the YIDaMS Project**" in the subject line.

- In the proposal, bidders should include
 - Bidder's Name
 - Contacts (Telephone & Email)
 - TIN No.
 - Item details



The new name for Send a Cow

- Bid Amount
- Attach certificate of registration, Tax Clearance Certificate and trading license only.
- Submitted proposal should not exceed 5pages