

AID ON DELIVERY PROJECT – PROPOSED KACHOK – ORONGO WATER NETWORK RETICULATION WORKS

Project Overview

Nyamasaria Kachok-Orongo proposed project area being an underserved area, was delineated to lie partly within Buoye, Kasule, Nyalenda A and Nyalunya Sub locations in Kisumu East Sub County. The area lies to South-East part of Kisumu City. The area is about 3 kilometers from the city center.

The existing water infrastructure meant to serve this area is currently insufficient to serve the current population within the area due to rapid urban growth and resettlements from the city center municipal council estates.

Thus, the project intends to undertake construction of water pipeline overhaul and extensions to improve access to portable drinking water and increase area of coverage.

The project also intends to enhance non-revenue water management through provision of a zonal bulk meter and sub-zone master meters that have been proposed at various locations in the network for purposes of managing the non-revenue water.

A total of **14.63** Km of water network was proposed and summarized as shown in the summary table below.

Nr.	Diameter	Material	Length(m)
1	200	HDPE	1038
2	180	HDPE	3011
3	160	HDPE	929
4	110	HDPE	1058
5	90	HDPE	1592
6	75	HDPE	463
7	63	HDPE	5104
8	50	HDPE	1435
Total			14,630