



KAGERA WATER WORKS GAUGE INSTALLATION AND WATER LEVEL MEASUREMENT

DETAILED DESIGN AND CONSTRUCTION SUPERVISION FOR THE DEVELOPMENT OF WATER AND SANITATION INFRASTRUCTURE FOR THE MBARARA & MASAKA AREAS PACKAGE 1: **KAGERA WATER WORKS GAUGE INSTALLATION AND WATER LEVEL MEASUREMENT**


PROJECT: KAGERA WATER WORKS GAUGE INSTALLATION AND WATER LEVEL MEASUREMENT
TYPE: HYDROPOWER AND HYDRAULICS
LOCATION: ISINGIRO DISTRICT, WESTERN UGANDA
CLIENT: TRADEMARK EAST AFRICA
PERIOD: OCTOBER 2019 - SEPTEMBER 2020



PROJECT OVERVIEW

The Kagera water supply infrastructure was a proposed project to improve water supply production and transmission for Mbarara urban district and a part of Isingiro district in Western Uganda. The Water Treatment Plant (WTP) would be built on the banks of the Kagera River. The project was implemented by The National Water and Sewerage Corporation (NWSC) assigned Cabinet MERLIN / ILF Joint Venture to undertake the detailed design and work supervision for the Works.

As part of the detailed design and work supervision for Kagera Water Works, Proess was engaged to carry out gauge installation and weekly water level measurements along the Kagera River.




SCOPE OF WORK

The scope of work included:

- Identification of suitable section for installation of the gauges
- Installation of the gauges
- Survey of the gauges which included levelling to determine the heights and GPS measurements to determine the positions of the gauges
- Gauge reading

EXPERTISE

- Project Management
 - Land Surveying
 - Hydrology
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