Early Warning System

WB-P169031

Liberia Urban Water Supply Project Additional Financing

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Quick Facts

Countries	Liberia
Specific Location	Monrovia
Financial Institutions	World Bank (WB)
Status	Proposed
Bank Risk Rating	U
Voting Date	2019-03-19
Borrower	Republic of Liberia
Sectors	Water and Sanitation
Investment Type(s)	Loan
Investment Amount (USD)	$ 10.00 million
Project Cost (USD)	$ 10.00 million

Project Description

The Additional Financing (AF) in the amount of US$10 million will be used to scale-up the rehabilitation and extension of Monrovia's piped water distribution system, as well as to reinforce the LWSC's operational efficiency. Planned interventions are based on an existing feasibility study completed in 2015. The AF will increase the funding and scope for both the infrastructurefocused Component 1 and capacity-building Component 2. The project will improve network resilience and reliability, consumer access to safely managed water and the financial sustainability of the utility.

Additional Financing under Component 1: The AF will fund key interventions that will improve the conveyance of water by the main transmission line towards central Monrovia's main reservoirs and increase the storage capacity in Paynesville areas to increase access and enhance the quality and quantity of the water supply service to existing customers. This is expected to lead to at least 10,000 new household connections and 50 standpipes, thus serving an estimated additional 52,000 Monrovians, almost doubling the number of beneficiaries under the parent credit while improving the supply service to existing customers through better regulation of the water demand and supply.

Specifically, Component 1 will finance:
a. Express line to Newport Booster Station and restructuring of current eastern main transmission line section (US$ 5,100,000): The persistent restriction of water supply in central Monrovia is largely due to the outdated and damaged state of the main transmission line along Tubman Boulevard, in particular around the Monrovia Central Business District (Capitol Hill to Mamba Point areas). The AF will relieve this critical bottleneck and support the increase of water transmission to central Monrovia by supporting a parallel express line up to 7.2 kilometers of transmission pipes with associated valves and chambers. This will also result in a head loss and leakage reduction and thus water savings for about 5,000 new connections and 25 public standpipes.

b. Paynesville service reservoir and connection to existing network (US$ 3,500,000): This will support the supply and construction of a 4,500 m3 ground reservoir and connection to the existing distribution network in the area. The reservoir will serve as a break pressure tank and flow regulator to ensure the constant supply and operational pressure in the service area to increase the supply service quality to 24 hours a day to about 70,625 people and allow connection to about 5,000 new customers and the construction of 25 public standpipes.

Additional Financing under Component 2: The AF will fund capacity building interventions at LWSC with US$ 1.4 million. These measures are critical to ensure the sustainable operation and maintenance of the new infrastructure, especially given the newly discovered NRW level. A focus will be placed on improving cost-recovery by supporting the operation of DMAs, NRW unit staff training and equipment, the furnishing of spare parts and operational tools (e.g. spare meters, pipes, repair equipment), customer orientation and support to the project implementation unit (PIU).

Investment Description

- World Bank (WB)

The World Bank Group through the International Development Association (IDA) will loan the Republic of Liberia $10 Million United States Dollars.

The project development objective (PDO) is to increase access to piped water supply services in the project area in Monrovia and improve the operational efficiency of LWSC.

Contact Information

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Bank Documents

- Project Information Document-Integrated Safeguards Data Sheet - Liberia Urban Water Supply Project A [Original Source]