

TOR FOR UPGRADING water yard to solar system

Introduction:

WASH interventions aim to meet basic needs and improve safe access to water of sufficient quality and quantity; sanitation; hygiene practices; and WASH in hospitals, health and nutrition centers, schools and other institutions.

The WASH sector works closely with public health and nutrition to address potential causes of waterborne disease and malnutrition, and reduce the (public) health risks associated with poor water, and poor sanitation and hygiene services and practices.

Intervention Description

The purpose of this intervention is to improve access to safe water, sanitation facilities and promote better hygiene practices for an estimated population of 9,700 people in Alfrdooose community with high rates of ongoing return in Damazin Locality of Blue Nile State

Under this activity, RI, undertakes the upgrading of the existing water yard to solar system; that will help on reducing the cost of fuel and avoid the breakdown of the diesel pump and ensure that water is available in the water yard throughout; thus will contribute to decreasing the incidence of diarrheal diseases and associated morbidity, and is hoped to contribute to a reduction in the under-five mortality rate through provision of sufficient quantity and quality of water for drinking, cooking and personal and domestic hygiene.

Site selection:

The site selected in consultation with WES and according to the information about the water yard with regard to the very good yield, number of beneficiaries served by the water yard and the water shortages they experienced due to break downs of the current diesel pump. Upgrading of Alfrdooose water yard to solar system will access communities to safe drinking water and reduce time fetching water.