

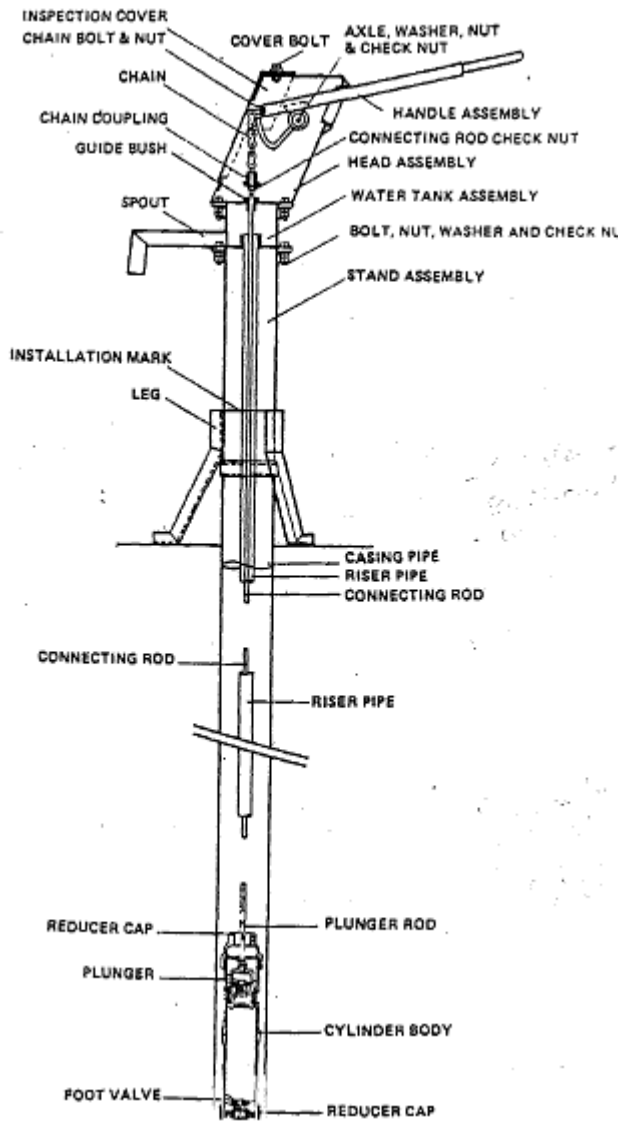
Guangzhou Iceberg Environmental Consulting Services Co., Ltd. (hereinafter referred to as Iceberg), a Chinese company committed to provide clean water and energy for developing countries through carbon finance, will cooperate with local NGO Association Rwandaise pour le Développement Endogène (hereinafter referred to as ARDE) to implement a pilot borehole maintenance project in Runda Sector, Kamonyi District, Southern Province of Rwanda. The project will provide clean water for local communities and the water quality will meet the national standard of Rwanda. Although the project only consists of two boreholes, it is just a pilot project and a much larger borehole maintenance project will be implemented after the successful operation of the project. The project will be registered as a carbon emission reduction project under an international standard called "Gold Standard for Global Goals". Iceberg will have the full ownership of the carbon credits generated from the project. The income from selling these carbon credits to international carbon market will confirm the sustainability and extendibility of the project. The Project is a micro scale project since its annual emission reductions achieved is 8,250 tCO₂e, less than 10,000 tCO₂e which is the threshold of micro scale project. The duration of project is 15 years 0 month.

India Mark II Hand Pump is applied in the Project. It is a conventional lever action hand pump and is subject to Indian Standard IS 9301. This pump has a pump head, pump stand and a handle of galvanised steel. The down hole components exist of a brass lined cast iron cylinder with a foot valve and a plunger of brass. The description is shown as follows:

Table 1. Description of India Mark II Hand Pump

| Component | Description |
|-----------|--|
| Pump Head | Fabricated throughout from hot dipped galvanized mild steel components for |

| | |
|---------------|---|
| | corrosion protection with tri-leg pedestal design |
| Handle | Pre-greased ball bearings are provided at the handle |
| Pump Rods | Option of 10mm electro galvanized mild steel or stainless steel rods in standard 3m lengths with screwed couplings |
| Rising Main | Option of 1.25"GI for closed cap cylinders" and 2"GI/UPVC for VLOM 2" open top cap cylinders supplies in 3m lengths; PVC drop pipes require rod and pipe centralisers to prevent wear damage. |
| Pump Cylinder | 2.5(65mm) diameter Standard cylinder with brass liner, cast iron closed end caps and double nitrile rubber plunger seals |
| Lifetime | 20 years |



The implementation plan of the project is shown as follows:

| Content | Time |
|--|------------|
| Site visit and holding of local stakeholder consultation meeting | 12/2020 |
| Local Stakeholder Consultation Meeting | 29/12/2021 |
| Rehabilitation of Borehole No.2 | 13/01/2021 |
| Rehabilitation of Borehole No.1 | 18/01/2021 |

The project will last for 15 years.

A donation and carbon transfer agreement will be signed between the project developer and the representative of the village where the Project is located in during the meeting. So the project developer has full rights over the Products generated from GS Certification.

The overview of project will be briefly presented and explained by using the non-technical summary translated into Kinyarwanda in the meeting.