

**Project title:** Supply and installation of Solar Powered Water System with Elevated Water Tank and construction of perimeter Fencing, South Sudan.

**Scope of the Work:**

- 1.0 Supply & Installation of submersible solar powered water pumps (Rialdit Payam, Korok, Jonduru market and Abinajok police)
- 2.0 Drilling of a borehole – A borehole will be drilled at Rialdit and fitted with a submersible pump.
- 3.0 Elevated Water Tank on steel tower – **5000 liter's** capacity plastic water tanks with all necessary connections & fittings will be installed on a fabricated 4.0-meter high steel tower to create head and pressure for garden sprinkling.
- 4.0 Water Points - These points will be constructed for taping comprising a concrete slab, a plastered brick wall support and three water outlet taps.
- 5.0 Chain link fencing and gate – Chain link mesh supported by three lines of tensions wires stretching between angle steel section posts embedded in concrete base with strands of barbed wire at the top on Y-shaped steel section angle bar posts. The proposed size of the fence is 80m (20x20m) in Rialdit Payam.

Note: The expected completion duration of the project will be a maximum of 4 months (120 days).