**Composition of a Solar LEDs lighting system**

1. Tilted solar modules placed on a mounting structure facing the sun path
2. LED lighting unit suspended on a pole short arm
3. Vented steel enclosure, (contains the battery/ies and the solar charge controller)
4. Structural anticorrosion parts consists of the pole, the affixing base, the short arm and the modules mounting structure
Installation of Solar Panel for Household Standalone System

Tilting Facility

Solar Panel

2500 MM

GI Medium Class Pipe
75 MM Diameter

Cement Concrete 1:2:4

500 MM

Top View of Concrete Pedestal

770 MM

Size of Foundation

770 MM