

BeMobile Network Solomon Islands

Overview

The expansion of the BeMobile Network to the Solomon Islands had an infrastructure requirement for 37 Base Stations, which would be critical for providing coverage to many of the provinces. Central to this they also required a larger Core Switchroom (20m x 10m) cyclone rated building to house the Huawei transmission equipment. ICS was contracted to design a KIT solution for the Core Switch Building, procure the items and prepare them for exporting to Honiara (Capital of Solomon Islands).

Once the materials arrived in Honiara, ICS constructed the core switch room from the ground up.



Features

The initial step of our onsite project works was to construct the 20m x 10m reinforced concrete slab, we used a combination of ICS staff and locals to construct the slab, which was completed 2 weeks prior to starting the erection of the building.



Once the concrete slab was dry, we sent over another team of 4 to construct the core switch building.

Our team were on-site for approximately 2 weeks and used the help of 6 locals from the local tribe area that the building was being constructed.

Outcome

The building was constructed 5 days ahead of schedule and BeMobile had our electrical team installing their equipment racks as the build team was completing the flashing on the roof.

BeMobile had some very tight time governmental constraints on this project, thus, ICS was also able to assist with the installation and wiring of 24 equipment racks, connection of the Generator ATS, wiring for the VSAT and DC works.

