

## **Renovation of Roof and Construction of Walkway at Seenu Hithadhoo Regional Hospital (100 bed)**

### **INFORMATION SHEET**

#### **Introduction**

This requirement has been prepared to detail the requirement for renovation of existing roof at the new S. Hithadhoo Regional Hospital (former Equatorial Convention Center) and construction of a walkway from main building to admin building. The works are further detailed below.

#### **1. Renovation of Existing Roof**

The roof area of the existing building is a total of 7,551.13 square meter consisting of two levels. The lower level of roof area is 1,196.50 square meters and the higher level of roof area is 6,381. 63 square meters.

The roof is found with damages due to installation of AC outdoor units and installation of solar panels on roofing sheets. The roofing sheets are found with dents and bends and not strong enough for the current use and purpose. Rusting areas identified are mostly over the ridges, valley gutters sheet faces, flashing, etc. as shown in the pictures.

The client intends to remove all of the existing roofing sheets including the ridge capping, gutters, flashings, etc. and install new roofing sheets along with the ridge capping, gutters, flashings, etc. on the existing roof framing structure.

The existing roof contains solar panels installed on top and are in use by the utility provider FENAKA Corporation. These solar panels need to be removed and again to be installed by the successful bidder (contractor) under the instructions and guidance of the utility provider.

#### **2. Construction of a Walkway**

The client intends to build a walkway between the main building and admin building. The walkway is to be constructed with concrete footings/columns, with a steel roof structure along with poly carbonated roofing sheets as roof covering. The approximate length of the walkway will be 13.10 meters and the width will be 3.60 meters.

A detailed drawing with a bills of quantities is attached with this information sheet.

## Roof Photos











