

Project Scope Statement for HA. Ihavandhoo 30 Bed Hospital & related support Building Works

1. Introduction

The purpose of this project statement is to give an outline of the scope of works to be carried out under the proposed bid for the construction of a new 30 Bed Hospital in Ihavandhoo island.

2. Project Site

The proposed hospital and related functional buildings are to be constructed on the island of Ihavandhoo in Haa Alif atoll, of Maldives.



Figure 1: Locality of the proposed Hospital plot & Registry location



Figure 2: Proposed Hospital Plot location on the island



Figure 3: Vegetation Coverage on the north west



Figure 4: Vegetation coverage on the south west of plot



Figure 5: Vegetation coverage on the west of plot

3. Project Description

In this project there are four new buildings to be constructed in a new plot of land:

Building Name	Built-up Area (sqm)	Storage & contractor's site	Site status	Water & Electricity
30 Bed Hospital 3 storey Building	1923.85	Space available at the allocation Plot	Area full of coconut trees & needs to be cleared by contractor	Not available at site. Contractor to arrange
Accommodation Building 2 storey Building	338.16	Space available at the allocation Plot	Area full of coconut trees & needs to be cleared by contractor	Not available at site. Contractor to arrange
Services Building Single storey Building	247.31	Space available at the allocation Plot	Area full of coconut trees & needs to be cleared by contractor	Not available at site. Contractor to arrange
Generator House & Fire Pump Building Single storey Building	138.80	Space available at the allocation Plot	Area full of coconut trees & needs to be cleared by contractor	Not available at site. Contractor to arrange

4. Project Scope of Works

4.1. The 30 Bed Hospital Building

The main hospital building comprise of three floors. The ground floor has a laboratory, Emergency Ward, X-ray & Scan Room, OPD areas, Flu Clinic, Public Health unit, Kids Play Area, Pharmacy, a Café', Gift Shop, Main reception and an arrival departure portico. The first floor has a separate medical wards for men & women, and Operation theatre, Birthing area with delivery suite and N.I.C.U, and ICU, together with a gynecology ward and a pediatric ward with a kids play area. The third floor comprise of 5 private rooms, a medical therapy, a Public Health Unit, main Office, a Multipurpose Hall and a Canteen. Above this is an open terrace which will house the Air condition system out door units. The building is also serviced by two staircases and two lifts of 10 person's capacity.

4.2. The Staff Accommodation Building

This is a two storey building. The ground floor has four apartments of which two apartments are composed of two en-suite bedrooms with common living, kitchen, dining & laundry area. The other two standalone apartments of each studio type complete with one en-suite bedroom, a living, kitchen, dining, laundry and a balcony area. There is also a common walkway, garden area, a staircase and a ramp for access to the building.

The first floor also has four apartments of which two apartments are composed of two en-suite bedrooms with common living, kitchen, dining & laundry area. The other two standalone apartments of each studio type complete with an en-suite bedroom, a living, kitchen, dining, laundry and a balcony area. There is also a common staircase and a walkway for access to the apartments.

The building is covered at the top with a timber and metal roof.

4.3. The Services Building

This is a single storey Building. The building comprises of space allocations for a Vehicle garage, a Mechanical service center with a store, a Waste management area, a Laundry, an Oxygen Plant room, a medical gas plant room, a general store, a medical store and a vaccine store.

The building is covered at the top with a timber and metal roof.

4.4. The Services Building

This is a single storey Building. The building is design with two compartments one with the capacity to house two generators complete with provisions for the foundations cable trenches, ventilation system with chimney and day tank spaces. The second compartment is provided with spaces for the installation of the MEP pumps and fire pumps required for the operations of the hospital. The building is covered at the top with a metal framing and metal roof.

5. Site setup

As specified in the table above prior to start of the actual building works the contractor needs to clear the plot from provided to make way for the setting up of his storage areas, labour quarters, Kitchen, accommodation and other service areas needed for the purpose of construction works of the four buildings.

6. Main activities of the project

The main scope for this project comprises of all Structural and Architectural works, Electrical, Plumbing, Sanitary, Mechanical and Ventilation works as laid out in the drawings, BOQ and Specifications Provided.

The contractor is also required to provide Fire Detection and Protection, CCTV and Access Control systems, Speaker or Public Address systems for the building. The hospital also includes specialist Services such as nurse call systems, oxygen piping's as per the provided technical details.

The project also includes as support facilities, the construction of 2 storey staff accommodation Building, General services building for specialized services and a fourth building to house standby generators and emergency fire pumping system with ground water intake well.

The contractor is required to provide shop drawings and get approval from client prior to commencement of the Civil, HVAC & MEP works.

Moreover, the provision of basic furniture for the Building is also part of the project scope.

The scope also includes a boundary wall, paving of the walkway and planter boxes and external lighting around the building.