

FACILITY DESIGN MINIMUM REQUIREMENTS

a) Design Scope:

Survey and **design (Architectural, Structural, Services and Interior design)** of Health Facility respective to the plot allocation of the Islands. The design shall also include the landscaping of facility site area, decorative boundary wall and preparation of bill of quantities for the complete construction, installations, making 3Ds of Interior and Exterior and furnishing works as per the design.

Design works shall be carried out in collaboration Ministry of Health and must be approved by Ministry of Health prior to commencement of construction.

Complying design guideline: Australasian Health Facility Guidelines (**AusHFG**)

b) Materials Selection:

All the materials selections shall comply to the technical specification and bill of quantities requirements and quantities. Materials shall be approved beforehand by project Manager/Engineer.

c) Wall finish: Hygienic Protective Cladding

- Accident and Emergency area
- Ward area:
- Emergency room:
- Labour room:
- Laboratory:
- OT

d) Areas for Air Condition System:

Quality of Air condition to be Daikin Inverter VRV IV Q Series with 360 Deg. Round flow indoor cassette type or Equivalent. Efficiency of overall system performance shall be up to 28 IEER. Air Condition & Ventilation System with HEPA Filters (H14).

e) Windows and Facades or fixed panels shall be double glazed.

f) Solar PV system:

- Design supply and complete installation on the 45KW Solar PV system. Rates include to complete the network and connect to the grid with net metering as per specification. (Junction box specs, Solar AC&DC cable specs, solar bracket specs, inverter specs & solar panel).

Note: The contractor has to submit a soft copy of all the Drawings (Architectural, structural, and service) in AutoCAD and PDF format, BOQ (.Xls format), after submission of the documents, Ministry of Health has the right to use in future projects. The company has no right to claim ownership of the documents. All the drawings to be prepared complying to Government standards and with approval stamps of accredited Engineers and Architects. There must be Interior and Exterior 3Ds. (Each should be 3) (Total 6 3D should be there)
