



## Project Scope Statement

### Project Overview

Project Name	<b>Design and Built of Iskandhar School Staff Temporary Building</b>
Project Location	Iskandhar School, Male'
Client	Ministry of Education

### Project Purpose

The project involves renovating and constructing a temporary structure for office relocation.

### Project Scope

The scope of works includes the following:

- 1. Interior Renovation (2 storey area behind the hall) ( Refer Legend Plan - Marked in yellow)**
  - Demolishing and disposal of existing walls to match with the layouts provided. Any surface exposed due to demolition shall be finished with tiling or painting.
  - Relocation of lights and switches if required after demolition
  - Supply and Installation of Distribution Board
    - Ground floor - 1 nos
    - First Floor - 1 nos
  - Supply and Installation of 13 A twin sockets
    - Ground floor Staff Room 1 - 20 nos
    - Ground floor Staff Room 2 - 22 nos
    - First floor Staff Room - 29 nos
    - First floor - Principals Office - 4 nos
    - First floor - Deputy Principals Office 1 - 4 nos
    - First floor - Deputy Principals Office 2 - 4 nos
  - Supply and Installation of Air Conditioning
    - Ground floor Staff Room 1 - 2 nos 24000BTU AC
    - Ground floor Staff Room 2 - 2 nos 24000BTU AC
    - First floor Staff Room - 3 nos 24000BTU AC
    - First floor - Principals Office - 1 no 9000BTU AC
    - First floor - Deputy Principals Office 1 - 1 no 9000BTU AC
    - First floor - Deputy Principals Office 2 - 1 no 9000BTU AC
  - Changing the room into a staff room as per the approved layouts with painting.
- 2. Proposed new temporary 2 storey structure (Refer Legend Plan - Marked in red)**
  - Design and built a 2 storey temporary building using GI hollow pipes and deck flooring conforming to engineering standards and building regulations
- 3. Proposed printing room (Refer Legend Plan - Marked in blue)**
  - Changing the room into a printing room as per the provided layout
  - Supply and Installation of 3 nos 13A twin socket outlet.

- Supply and Installation of 3 nos 15A socket outlet for printers.
- Supply and Installation of 1 nos 12000BTU AC
- Supply and Installation of 2 nos LED down light (18W)

**4. General Requirements and Guidelines for Design and Built**

- The layouts shall be as per the conceptual plans provided.
- The detailed drawings shall be stamped and signed by local practitioners as per the government regulations. Structural calculations shall be provided wherever required.
- Building Services drawings shall be provided including power, lighting and air conditioning layouts, plumbing layouts, drainage layouts
- All materials used shall be termite and moisture resistant
- Waterproofing shall be provided in all required areas.

Activity	Description
Structure Foundation	<ul style="list-style-type: none"> <li>● Reinforced Concrete</li> </ul>
Structural Tie beams	<ul style="list-style-type: none"> <li>● Reinforced concrete</li> </ul>
Structural column and beam	<ul style="list-style-type: none"> <li>● GI columns covered with reinforce concrete up to first floor deck level</li> <li>● GI pipe structural at first floor level up to roof</li> </ul>
Walls	<ul style="list-style-type: none"> <li>● 150mm thick wall at ground floor level up to first floor deck</li> <li>● Mid beam at wall</li> <li>● First floor up to roof - Lysaght roofing cladding.</li> <li>● Exterior surface shall be covered with rockwool inside the partition</li> <li>● Toilets and ablution area shall be 100mm thick wall with waterproofing and wall tiling</li> <li>● Internal walls shall be Aluminium framed with gypsum board with putty and paint finish.</li> </ul>
Flooring	<ul style="list-style-type: none"> <li>● Floor structure - Deck (To be designed by a structural engineer)</li> <li>● Flooring finishing - 600mmx600mm homogeneous tiling over 75mm reinforced concrete screed</li> <li>●</li> </ul>
Roofing	<ul style="list-style-type: none"> <li>● Steel frames structure with 50mm thick rockwool (GI "C" Purlins (2" x 4") Thickness 2.5mm)</li> <li>● Lysaght or equivalent material (As per consultants approval)</li> <li>● Roofing shall include gutter and flashing as required.</li> </ul>
Door and Windows	<ul style="list-style-type: none"> <li>● Aluminium of 60 microns grading</li> <li>● Glass shall be minimum 6mm thick</li> </ul>
Fire fighting	<ul style="list-style-type: none"> <li>● Shall be provided as per MNDF standards</li> </ul>
Electrical	<ul style="list-style-type: none"> <li>● Lights, sockets, switches, air conditioner, fans, D-Boards,</li> </ul>

	internal networking
Plumbing	<ul style="list-style-type: none"><li>• Water supply installation as per the layouts.</li></ul>
Drainage	<ul style="list-style-type: none"><li>• Drainage to be installed as per the layouts</li></ul>