Scope of work

Rehabilitation of the coast guard Building.

Coast guard Building located in the residential area number One with coordinates (31°12'38.1"N 16°35'12.2"E).

The one story RCC frame (reinforced concrete skeleton structure) building consists of eight offices, reception room, two toilets, kitchen, guard room and one store. The total covered Area is 410 m².



Required work:

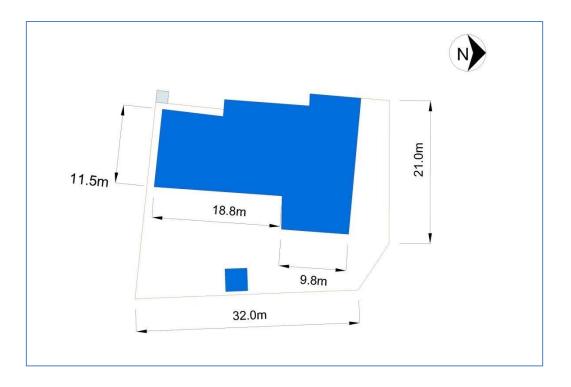
Below are summary of required rehabilitation works, the required work mainly includes the following:

A - Demolishing, Site Cleaning and Preparing of site for new rehabilitation works

B - Concrete Works / Concrete Repairs of all the damaged/defective structurally affected members in the building

- C Block Works CMU
- D Plastering Works
- E Painting Works
- F Tiling and Marble Works G - Doors, Windows and Metals Works H- Plumbing & Sanitary Works I-Insulation Works J-Air Conditioner Works K-Electrical Works L- CCTV System

The following photo shows the layout plan of the building



As shown in the photos, the facades of the building need new colored weather shield paint, as well as removing of the deteriorated cement sand plaster if necessary, as detailed in the BOQ.









Also, some external walls, parapet and structural elements has suffered many deterioration which needs to be rebuild and rehabilitate similar to the existing as shown in the photos and the BOQ.







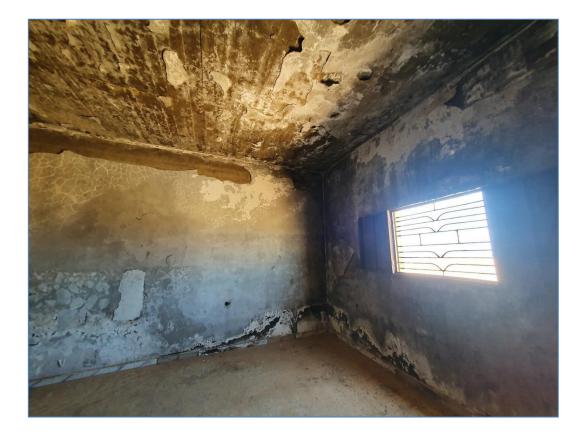


Because of the fire, which led to excessive damage to the plastering layer, it is necessary to remove the old layer and make another new layer and the subsequent paint work, as shown in photos and detailed in BOQ.











Due to defects in the roof screeding, it is required supplying and laying a bitumen roofing membrane to protect the roof from deteriorating over the time. as detailed in the draft BOQ.



toilets and kitchen require a new ceramic floor and wall, the same with mosaic tiles as shown in photos and detailed in BOQ.







The building requires rehabilitation in many items including repair and supply steel ,wooden and PS doors, as well as the repairing steel protection grill and supply a new PS windows instead of defected windows ,moreover plumbing and electrical works as detailed in the draft BOQ and the shown pictures.













All works are described in detail in the Bill of Quantities of rehabilitation works of the coast guard building in Sirte City.