

Technical Report

Rehabilitation of Saudi Maternity Hospital (SMH)- Package 1&3-Kassala Health Citadel (KHC)

Summary:

The purpose of this document is to explain briefly about the intervention of the rehabilitation of the above-mentioned packages, which includes two blocks as follows:

The new proposal for rehabilitation works includes two blocks as follow:

- Block A: Outpatients department and HIV department
- Block J: ICU, staff facilities and laundry

Rehabilitation statement:

The main rehabilitation concept is to improve the environment of the two blocks in order to improve the quality of the services, by modernizing of MEP systems, adding new exterior-waiting areas, replacing of floors tiles, doors, controlling the movement of co-patients...etc.

Since the existing building characterized by structural and modular pre-cast system, brick works, arched roofs filled with bricks, strong north-south direction and the beauty of the building is in simplicity, so, the new proposal respects the existing characteristic of the two buildings. Just new elements will be using to update the new functional plan of the two blocks in order to improve the quality of the services.

Planned Interventions:

To summarize, the planned interventions:

➤ for block A are:

- Demolishing and build of some new brick walls
- Re-plastering of interior and exterior existing walls (if required).
- Painting of interior and exterior walls.
- Replacing of floor tiles
- Replacement of doors, gates and windows (if required).
- Installing of new sanitary equipment
- Adding of concrete columns for elevations
- Adding of Parking and walkways
- Full replacement for electricity connections.
- Adding of information & communications technology
- Installing of new water supply network
- Installing of firefighting network
- Installing of wastewater drainage network
- Installing of rainwater drainage network
- Check and maintenance of ventilation and air conditioning system (If required)

- Replacement of ceiling roof (if required).
- Repair of vaulted roof and cleaning of grass on the top outside.
- Pavement and landscaping for external yards.
- Adding of new waiting area

➤ **for block J&M are:**

- Demolishing and build of some new brick walls
- Re-plastering of interior and exterior existing walls (if required).
- Painting of interior and exterior walls.
- Replacing of floor tiles
- Replacement of doors, gates and windows (if required).
- Installing of new sanitary equipment
- Adding of concrete columns for elevations
- Adding of new spaces.
- Full replacement for electricity connections.
- Adding of information & communications technology
- Installing of new water supply network
- Installing of firefighting network
- Installing of wastewater drainage network
- Installing of rainwater drainage network
- Check and maintenance of ventilation and air conditioning system (If required)
- Replacement of ceiling roof (if required).
- Repair of vaulted roof and cleaning of grass on the top outside.
- Pavement and landscaping for external yards.

Duration:

- 9 months for each block (In case if we start the works for the two blocks at the same time we can finish all activities within 6 months). So, my recommendation is to make two separated contracts for each block and choose two contractors to implement the works.

Re-allocation plan:

- According to SMH plan, outpatient activities will be shift to block (K)-the new cafeteria which has built recently under UNOPS Phase.
- ICU will be shift to block (D)-the general ward which has rehabilitated under KHC program-EU fund.

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