

Photographic Survey

Subject: Renovation of Saudi Maternity Hospital (SMH)-Kassala Health Citadel (KHC) -
Block A: Outpatients department and HIV department & Block J: ICU, staff
facilities and laundry

Date: 10/08/2023

Place: Kassala State

Summary:

The main goal of this survey is to clarify as well as identify the required rehabilitation works for the above-mentioned blocks. Due to the minimizing and de-scoping of some blocks out of the original plans agreed before Khartoum's war dated on April 2023.

The new proposal for rehabilitation works includes the following main Blocks (highlighted in red Color):



- 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.

1. Existing Situation for Block A (Outpatient department):

Package No.	01
Block Area	661.7 m ²
Building layout	<ul style="list-style-type: none"> - The block is a single-story building. Composed of two buildings (out patients & administration + HIV block). There is strong north-south direction in the building. The main structure is pre-cast system, brick works, and vaulted roof. - The main materials for doors and windows is aluminum frames and panels.

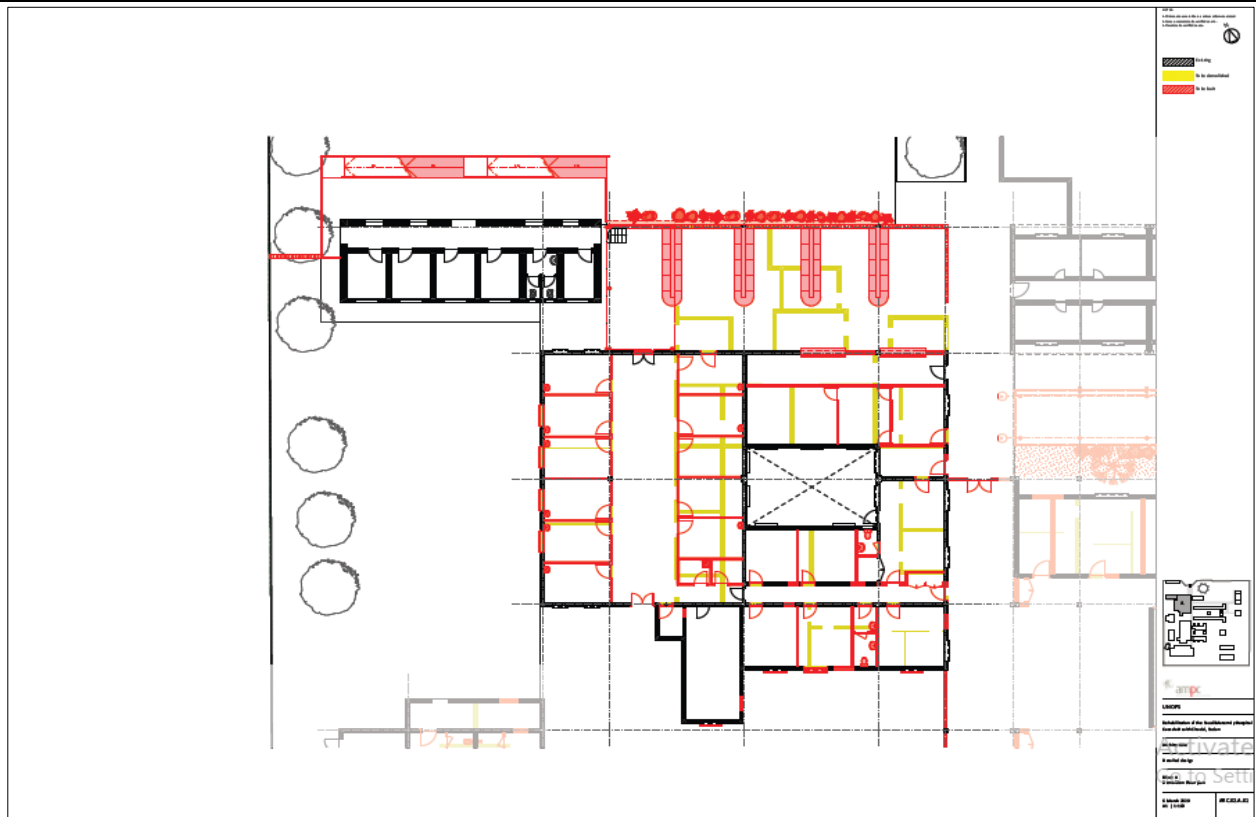


Image 1.1-Saudi Maternity Hospital-Block A Layout (Pack 01)

Current status	<ul style="list-style-type: none"> - The main structure of the building is in a good condition - Floor tiles need a replacement - Ventilation and Air conditional devices are in a good condition (so most of them will re-use in order to save money). - Most of aluminum windows are in a good condition. - Some doors need a replacement (to be decided during implementation) - Electricity and plumbing systems need a replacement
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Photos:



Image 1.2-North elevation



Image 1.3-South elevation



Image 1.4-West elevation



Image 1.5-South entrance



Image 1.6-East elevation



Image 1.7-Back yard and existing Sanitary network



Image 1.8-DG and medical director's offices



Image 1.9-Front yard and main entrance



Image 1.10-Main access to the outpatient



Image 1.11-Waiting area



Image 1.12-HIV entrance from outpatient



Image 1.13-Statistic room



Image 1.14-Interior view for an examination room



Image 1.15-waiting area

2. Existing Situation for Block J (ICU, staff facilities & Laundry):

Package No.	03
Block Area	699.9 m ²
Building layout	- The block is a single-story building. Composed of one building includes ICU, staff facilities and laundry. There is

	<p>strong north-south direction in the building. The main structure is pre-cast system, brick works, and vaulted roof.</p> <ul style="list-style-type: none"> - The main materials for doors and windows is aluminum frames and panels.
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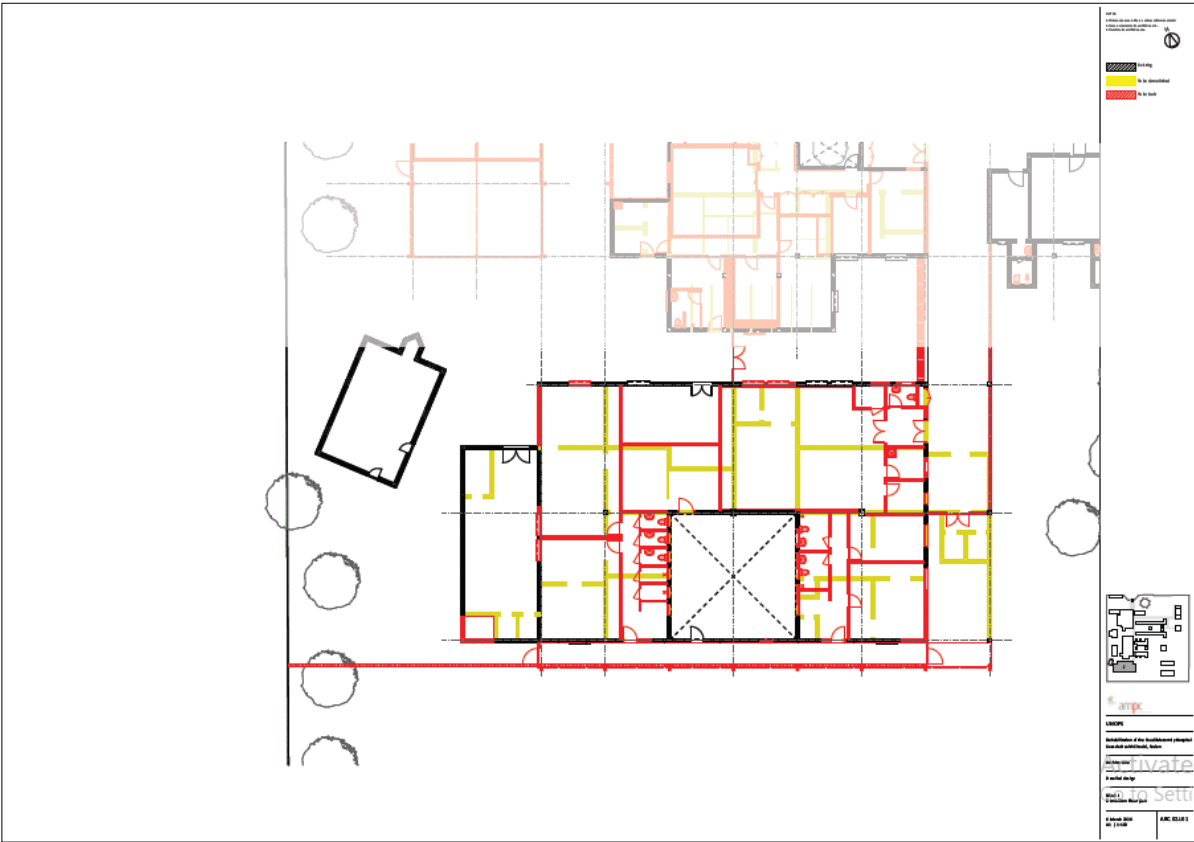


Image 2.1-Saudi Maternity Hospital-Block J Layout (Pack 03)

<p>Current status</p>	<ul style="list-style-type: none"> - The main structure of the building is in a good condition - Floor tiles need a replacement - Ventilation and Air conditional devices are in a good condition (so most of them will re-use in order to save money). - Most of aluminum windows are in a good condition. - Some doors need a replacement (to be decided during implementation) - Electricity and plumbing systems need a replacement - No medical gases system - Movement of co-patient is not controlling easily - Hygiene and infection control is not properly managing currently
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Photos:



Image 2.2-North elevation



Image 2.3-Direction of staff facility



Image 2.4-West elevation & Staff facility entrance



Image 2.5-Vaulted roof and windows shutter



Image 2.6-East access to the ICU



Image 2.7-Pre-cast concrete structure



Image 2.8-ICU room



Image 2.9- Main entrance of ICU department

3. Summary of required rehabilitation:

For Block A	<ul style="list-style-type: none"> ▪ 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	<ul style="list-style-type: none"> ▪ 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

	<ul style="list-style-type: none"> ▪ 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. ▪ Supply and Install of medical Gases system.
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