

“Humanitarian Development Nexus:  
Strengthening a decentralized Health System for  
protracted displaced population (HealthPro) in al  
Fasher and Nyala (North and South Darfur States”

**T05-EUTF-HOA-SD-37-01**

**ALF 05 – PHC of Al Salam**

**(Supported by HAD)**

## **TECHNICAL REPORT**

**Contracting Authority:**

Italian Agency for Development Cooperation  
Khartoum Office  
Street 33, Amarat, Khartoum  
SUDAN

# SUMMARY

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## **PREMISE**

### **Intervention Overview**

This intervention is part of the program "Humanitarian Development Nexus: Strengthening a decentralized Health System for protracted displaced population (HealthPro) in al Fasher and Nyala (North and South Darfur States"- T05-EUTF-HOA-SDN-73-01.

### **Purpose of the document**

The purpose of this document is to describe the intervention for the rehabilitation of the ALF05 PHC of Al Salam, in order to explain and give all the technical information's that are reported on the drawings and quantified on the Bill of Quantities.

### **ALF 05 – PHC of Al Salam**

#### **State of art**

The Health Center of AL Salam Camp is composed of four blocks and external waiting area surrounded by a metal grid and cane fence. The health center is located on the northeast side of the city of Al Fasher, 33 minutes away from the city center the access to the site is allowed by car.



*Geographical coordinates: 13°40'42.47"N, 25°22'23.70"E*

The subject of this report is the new design of the Health Center.

For a more detailed description of the Health Center, see the Assessment Report prepared by Double Q.T. C Engineering.



General Photo of The Alf 05 Health Center Of Al Salam (Nutrition program)

## **Planned interventions**

The general conditions of the buildings are unsafe; that's why a total demolishing of the existing buildings and an erection of new facilities is necessary.

**To summarize, the planned interventions are:**

- Cleaning and fencing of the area
- Erection of new buildings
- Erections of new access ramps and masonry mastaba around buildings
- Erection of new waiting areas
- Erection of a new children playground area
- Excavation and erection of absorbing well and 2 new Toilet Blocks
- Erection of a new elevated water tank
- Erection of a new medical waste disposal area
- Plumbing system and electrical power supply

## **Details of interventions**

All the interventions are:

### **1. Cleaning and fencing of the building site**

Removal and disposal of debris and garbage as well as temporary fencing of the working area shall precede any other intervention.

### **2. Erection of new buildings**

The rehabilitation works include the erection of new blocks to improve the services inside the Health Center.

### **3. Erections of new access ramps and curbstone around buildings**

The project includes the erection of sloped access ramp, with plain concrete surface properly finished that will allow access to people with disabilities to the buildings and to the new waiting area (+30 cm above the ground level). All the buildings are surrounded by a curbstone (height 30 cm from the ground level) to protect them from moisture.

### **4. Erection of new waiting areas**

The project includes the erection of new waiting areas in front of each block covered by corrugated metal sheets. In addition, seat benches made of bricks, glaze paint, and wooden planks are present (see Drawing A\_04).

### **5. Erection of a children new playground area**

In the middle of the space between the buildings, the architectural project includes the erection of a new playground area covered by a rectangular shed (900 x600 cm) composed by a steel structure and cover by solar panels. It includes benches surrounding the playground.

### **6. Excavation and erection of Absorbing Wells**

Absorbing Wells are not present on the Center, so the project includes their construction (see Drawing GP\_03).

### **7. Erection of a new elevated water tank**

An elevated tank system for water will be erected. The elevated tank metallic structure shall be erected at northeast corner of the health center (see Drawing G\_03).

#### **8. Erection of a new medical waste disposal**

The incinerator is a simple construction using firebricks, standard building bricks (see Drawings MWD\_01). Its will be located at the northeast corner of theplot. The Medical incinerator is designed to dispose of harmful materials at high temperatures. The process ensures no harmful gases are released into the environment.

#### **9. Plumbing and electrical connections**

Plumbing system is not currently present, new gully traps and manholes shall be connected to the new Absorbing Wells.

The electric power supply shall be provided by the new solar panels system and a new generator.