

Oncology Hospital Project Scope of Work

The Oncology or 'nuclear medicine' hospital located is located within Al-Shifaa medical complex the center of Nineveh governorate 36.356818, 43.115108 Mosul, Iraq.

It's the only hospital that serves Ninawa Governorate with capacity 100 Inpatient and outpatient bed

The duration of the project is 450 calendar days.

The existing hospital consists of four buildings (A, B, C, D) and most of these buildings were severely damaged or do not meet the new requirements hence should be removed and replaced with a new one.

The scope of work is to construct a new building for the Oncology hospital, the new hospital shall include the following:

A -In Patients:

- 1- Radiotherapy department with 3 bunkers
- 2- Chemotherapy department (38 bed)
- 3- Nuclear Medicine department (34 bed)

B -Out Patients:

- 1- Radiology department
- 2- Clinics

C- back of house services, water tanks, staff dormitories, mechanical rooms.

D- Sewage storage tanks (58m²).

E- External service building for electrical services (396m²).

New hospital main building total area shall be 17,000m² and consists of 4 floors; Basement, ground, first & second floors



Photo for the Existing Buildings



Photos for the Existing Buildings

Mechanical Scope of Works

The Contractor shall provide the building with new complete Mechanical systems as per drawings and tender documents such as:

- Heating Ventilation and Air Conditioning (HVAC)
- Domestic Cold-Water System
- Domestic Hot Water System
- Sewage Collection and Disposal
- Fire Fighting System
- Medical Gas System

1. Electrical Scope of Works

The Contractor shall provide the building with new complete electrical systems as per drawings and tender documents such as:

- Main Power Source and Distribution
- Standby diesel generator
- Uninterruptible Power Supply UPS
- Low voltage system comprising main and sub-main distribution boards, secondary distribution boards for lighting and small power and motor control centres.
- Power distribution (small power, mechanical power & medical power) in the project comprising cables.
- Lighting system (Normal & Emergency).
- Earthing & Lightning system.
- Fire Alarm and Detection System
- Evacuation System.
- Structured Cabling System (Voice & Data).
- IPTV System
- Security Systems (CCTV) & (CA).
- Nurse call system
- Audio video systems