

# Sulaiman Al-Rajhi Hospital

## Client

Sulaiman Al-Rajhi Colleges

## Scope of Work

Design review  
Design rectification

## Location

Saudi Arabia

## Types of Activities

Architectural  
Building Management System  
Biomedical  
Civil  
Communication and security systems  
Electrical  
HVAC  
Interior design  
Landscaping  
Mechanical  
Medical planning  
Structural

Over a total plot area of 85,000 m<sup>2</sup>, the new Sulaiman Al-Rajhi Hospital is designed to be a state-of-the-art healthcare facility in Al-Bukayriyah, Al-Qassim, Saudi Arabia. The hospital is envisaged to further improve healthcare education, patient care, and biomedical research according to international standards.

With a built-up area of 90,323 m<sup>2</sup>, the hospital building comprises the following:

- Basement: sterile supplies center, laboratory, pharmacy, mortuary, waste management facility, general storage, security room, central laundry, catering unit, distribution unit, supplies delivery unit, and car parking
- 3-level podium:
  - Ground floor: admissions department, accident & emergency department, outpatient department, pediatric outpatient department, renal dialysis unit,

women's health section, allied health physical therapy section, imaging room, and pharmacy

- 1st floor: obstetrical units, coronary care unit, intensive care unit, day surgery unit, operating theaters, endoscopy department, medical records department, top management offices, and roof garden
- 2nd floor: administration area, IT section, staff rooms, and restaurants
- 6 upper floors: general stroke & palliative care unit, antenatal & postnatal wards, pediatric ward, assessment ward, cardiology ward, general medical ward, intermediate care ward, acute surgical ward, geriatric medicine ward, VIP ward, and public services

A chiller plant is located near the hospital building with a built-up area of around 2,000 m<sup>2</sup>.

