



Design, Supply, Installation of the Structural Strengthening Works associated with Abdali Clemenceau Hospital

JORDAN



General contractor
ATCCO

Customer/Owner
ABDALI CLEMENCEAU HOSPITAL COMPANY

Engineer
AECOM

Freyssinet subsidiary
Freyssinet Jordan Ltd (Jordan)

Works period
Start date: December 2015
End date: December 2016



PROJECT DESCRIPTION

Freyssinet designs, supplies and carries-out the structural strengthening works for the Clemenceau Medical Center, a 125 metres (410 ft) tall up-scale medical center tower, located in the district of Al-Abdali, in Amman, Jordan.

FREYSSINET MISSION

Freyssinet's scope is as following:

- Overall structural studies for behavior/stability related to the upgrade in lateral load resistance,
- Strengthen all structural elements against additional loading criteria,
- Strengthen the elements to accommodate new MEP requirement,
- Support the contractor with the floors vibration performance,
- Developing detailed sequence of works taking into account all floor alterations.

The project duration is one year, through which were installed:

- 2,600 Ton of Foreva Shotcrete 60.8 (dry sprayed concrete)
- 25,000 LM (7500 m²) of Foreva TFC reinforcements (Carbon fiber structural strengthening system)
- 730 m³ of micro-concrete formed and poured

