







AN ACOUSTIC DOME

TO DAMPEN NOISE POLLUTION

CONTRACT WORTH:

**€98**M



## Benefits:

- → On-site reconstruction of the hospital
- → Bioclimatic design for optimal comfort of the occupants
- → NF HQE «Très Performant» certification





## PRESS RELEASE

Nanterre, 1st March 2022

## VINCI Construction to work on phase 1 of the new Princess Grace Hospital in Monaco

- Extension of Princess Grace Hospital
- Four years of works
- A €98 million contract

The Princely Government of Monaco has entrusted VINCI Construction with the structure, core and shell for the new Princess Grace Hospital in Monaco. This €98 million contract covers construction of the first new building, which will comprise 16 storeys and a 6-level underground car park and span a total of 65,000 sq. metres of floor space.

This large-scale operation for the Principality is part of its plan to extend and modernise Princess Grace Hospital. The new building will be next to the existing hospital and construction work will not disrupt the hospital's activity. The project is also in a densely populated area and seismic zone. To carry out and facilitate interaction with the other trades, VINCI Construction's teams will use a BIM (Building Information Modelling) system for construction design. Works will be completed at the end of 2025.

A dome will be set up during the earth-moving and earth-retaining works to dampen noise pollution. It will comprise 70 cables, each 37 metres long, holding 2,800 sq. metres of sound-absorbing sheets to reduce noise from the construction work to up to 12 decibels (dBA).

This project is also part of VINCI Construction's plan to mainstream the use of Exegy® low-carbon concrete: 85 % of the concrete used at the worksite will be low-carbon, and thus reduce greenhouse gas emissions by 30%. The envelope's bioclimatic design will contribute to thermal comfort in the building and is aimed at obtaining NF HQE *Très Performant* certification. The entire building will have high-performance-concrete rippling sun breakers, which will provide patients with many openings to let in daylight, and most of the rooms will have a sea view.

## **About VINCI**

VINCI is a global player in concessions, construction and energy businesses, employing more than 260,000people in some 100 countries. We design, finance, build and operate infrastructure and facilities that help improve daily life and mobility for all. Because we believe in all-round performance, we are committed to operating in an environmentally friendly, socially responsible and ethical manner. And because our projects are in the public interest, we consider that reaching out to all our stakeholders and engaging in dialogue with them is essential in the conduct of our business activities. Based on that approach, VINCI's ambition is to create long-term value for its customers, shareholders, employees, partners and society in general. <a href="https://www.vinci.com">www.vinci.com</a>