

Gold Coast University Hospital

Queensland, Australia



Completion
December 2012

Client
Queensland Health

Value
AUS\$1.76 billion

Lend Lease involvement
Bovis Lend Lease is responsible for the project management and design and construction of this hospital.

Highlights
The aim of this new 750-bed hospital is to create a facility that provides the technology to support high level service delivery by staff, undertake medical research, and meet the needs of patients and the learning requirements of students and staff.

Project Summary
Bovis Lend Lease has drawn on our global experience in the healthcare sector to meet the demanding brief for a technically-specialised, \$1.76 billion, tertiary hospital. Flexibility has been incorporated into the design, allowing for future expansion in line with the changing health needs of this fast-growing community. The new hospital will be a highly efficient facility that maximises the use of space, rationalises energy consumption and future maintenance.

Scope
Purpose-built, the new hospital will offer a range of more complex services than ever before.

It will provide:

- 750 hospital beds
- Improved patient privacy and infection control with over 70 per cent single rooms
- Patient focused models of health care delivery
- Areas for family and friends to take time out
- A teaching hospital for medical, nursing and allied health students
- On site research facilities
- Students and staff with easy access to areas for learning and study
- Career and skills development opportunities for staff
- The latest health care technologies and techniques to attract highly skilled clinical staff and researchers from across the world



- Space on-site for future expansion as demand for services change and grow.
- Up-to-date technology enabling staff to offer quality clinical care to patients
- Improved teaching amenities
- Tranquil gardens within a natural parkland setting to promote relaxation and recuperation
- On site car parking for up to 3000 vehicles.

Design Challenges and Innovation
As well as incorporating flexibility for future expansion, the development includes the use of water to cool the mechanical plant and the harvesting of roof water for irrigation applications.

Leadership in Safety
A number of new initiatives in safe construction have been implemented, including construction of bored piers, unloading of reinforcement deliveries and anti-collision instruments on the 10 tower cranes. Further initiatives will be implemented as construction progresses.

Leadership in Sustainability
During construction, the team has adopted sustainable practices including water harvesting tanks, energy efficient lighting, waste minimisation and a rigorous recycling program.

Various sustainability features will continue to be investigated in the facility such as energy efficient lighting which makes use of recycled materials.

Relationships
This project continues a long standing relationship between Bovis Lend Lease and the Queensland Government on many projects over the last 30 years. Relationships between Bovis Lend Lease and Queensland Health that were developed on the Royal Brisbane Hospital project have continued at the senior management level on this project.

