



Gold Coast Airport, Southern Terminal Expansion

Project Case Study

Project name: Gold Coast Airport,
Southern Terminal Expansion

Location: Terminal Drive, Bilinga, QLD

Sector: Health

Value: \$25 million

Duration: 60+ weeks

Completed date: August 2022

LCEQ were engaged by Lendlease to complete the electrical and communications packages throughout the \$25 million expansion.

The construction of an additional three-level terminal with six new gates and four new boarding bridges suitable for domestic and international flights ensures demand can be met across the next 10 years of operation.

This project involved LCEQ completing the installation of various transformers, metering panels, distribution boards, secure networks and connections to building services. Our workforce for this project ranged up to 25 team members, with a streamlined management team of two on-site managers who were both fully appraised of all project requirements, delivering efficient programming and reduced costs.

COVID-19 delays, border closures and supply shortages were encountered throughout the project, requiring careful planning and procurement. LCEQ mitigated delays, ordering most supplies including transformers and MSBs six months before construction commenced.

The unique security requirements involved in working at an international airport were known to LCEQ, and we were able to offer an innovative, secure cabling containment design for the Department of Home Affairs and the Department of Agriculture and Water.

Sustainable design is central to our approach and for this project we installed and commissioned a DALI-2 lighting control system, with ZenControl cloud-based energy management system.

Together, these systems provide the most efficient lighting possible, using various sensors to harvest daylight and illuminate the facility accordingly, while also providing live feedback to the end user.

LCEQ has been completing large-scale projects to a high standard for more than 40 years and is known for being Queensland's premier electrical engineering and communications contractor.



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Get in touch with our friendly team, today.

We remain a family-owned business and pride ourselves on exceptional delivery and honest customer service, so get in touch with us today to discuss your next project!

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