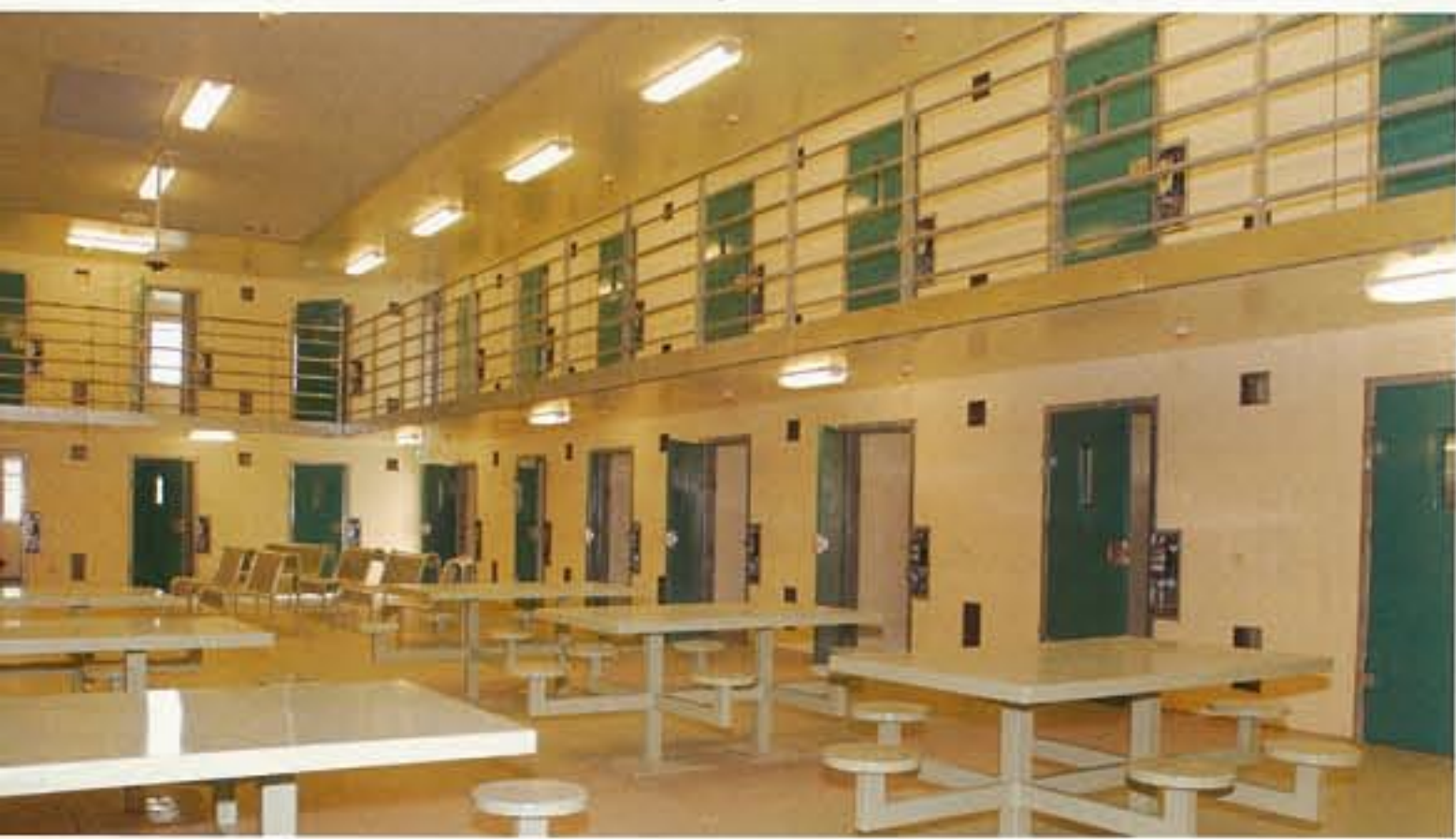


BRISBANE CORRECTIONAL CENTRE

BOVIS LEND LEASE
BRISBANE QLD

ARTHUR GORRIE CORRECTIONAL CENTRE





A CAPTIVE AUDIENCE

Brisbane Correctional Centre Expansion and Redevelopment and Arthur Gorrie Correctional Centre Expansion.

Principal: Queensland Corrective Services
Principal's Representative: Project Services
Managing Contractor: Bovis Lend Lease

Brisbane Correctional Centre (BCC)

Project Value: \$110 Million
Architects: Codd Stenders Guymer Bayley JV

Arthur Gorrie Correctional Centre (AGCC)

Project Value: \$55 Million
Architects: PDT Architects

The combined projects undertaken by Bovis Lend Lease in redeveloping and expanding both correctional facilities located at Wacol, west of Brisbane proved a unique opportunity for the company to demonstrate their adaptability and organisational skills within the framework of major construction for this sector. The Brisbane Correctional

Centre (BCC) and the Arthur Gorrie Correctional Centre (AGCC) provide unique construction challenges. But they also provide an ideal opportunity to showcase some of the latest methodologies and the innovation that Bovis Lend Lease has become renowned for.

Both projects were very complex, particularly in meeting requirements for services technology. They called for extensive and precise commissioning experience to upgrade buildings and services to the latest state-of-the-art technology. Bovis Lend Lease is well versed with these complexities, with key team members having previously constructed and commissioned in excess of 2400 cells across seven separate correctional centre projects for Queensland Corrective Services in recent years.

The project brief for the AGCC required the design and construction of expanded facilities and included the following works:

- A new 180-cell accommodation block including associated classrooms and offices

- Extension and refurbishment to the existing detention block
- Refurbishment and extension to the contact and non-contact visiting areas
- Accommodation for office and maintenance workers
- Additional kitchen facilities
- Additional car parking
- A new visitor processing building
- A new video conferencing building

Work on the AGCC needed to be undertaken whilst the facility was still in use. This presented contractor Bovis Lend Lease and operators the GEO Group with some significant challenges with regard to control and security of access to the site. Extensive and collaborative planning between all parties on the project was undertaken to ensure the work site was secured from the operational areas of the centre. Bovis Lend Lease will also run a "five day fault free" test of the completed facilities as a critical component of the handover procedure. This fully operational trial will form part of the conditions for achieving practical completion

of the works.

The second project undertaken by Bovis Lend Lease for the Queensland Government, and run concurrently with the AGCC works, was the expansion and upgrade of the nearby Brisbane Correctional Centre (BCC), formerly the Sir David Longland Correctional Centre.

The centre was decommissioned by Queensland Corrective Services before redevelopment works began. Once again, the scope of works to be carried out was extensive and varied. They included:

- Converting an industry block to a new prisoner reception and processing building
- The conversion of an industry block to create a new education and programmes block
- Upgrade and expansion of the central kitchen and loading dock
- Demolition and complete refurbishment of 10 existing cell blocks throughout the facility
- Construction of 300 new cells
- Construction of a new 8 cell detention block
- A new visitor processing block
- Extensive upgrade to existing services and access infrastructure within the existing Centre.

As part of Bovis Lend Lease's ongoing commitment to environmentally sustainable development, and with the unprecedented droughts across the eastern states in mind, significant water saving features were incorporated into the redesigned infrastructure. These features included a fully integrated water management system with timed shower technology, toilet flush control that limits the number of flushes within a 24-hour period, push button basin taps in cells that automatically turn off and the installation of eight 22,000 litre rainwater tanks to collect rainwater harvested from the centre. Native drought tolerant vegetation was used throughout the landscaping process. Numerous passive environmentally sustainable design initiatives have also been incorporated into the centre, from the light coloured exterior surfaces of the roof and façade that minimise heat absorption to gas hot water and T5 energy efficient lighting. These initiatives are also in keeping with Queensland Correctional Services' commitment to environmentally sustainable development for on all capital works projects.

Throughout the works on both centres, Bovis Lend Lease maintained a 5-day working week for the majority of the project, in keeping

with Bovis Lend Lease's desire to enhance quality of life for their workforce and their families. Bovis Lend Lease also incorporated an apprentice training scheme throughout the course of the project for the local workforce.

The company was also able to respond swiftly as the scope of the project grew, meeting Queensland Corrective Services' additional requirements. Both centres are due to be completed in early 2008.

Bovis Lend Lease Pty Ltd

Level 18, 240 Queen Street
Brisbane QLD 4000

t. 07 3225 7100
f. 07 3225 7351
e. katie.bickford@lendlease.com.au



A WATCHFUL EYE

Honeywell Building Solutions designs, installs and maintains the systems that keep customer workplaces safe, secure and energy efficient. The company was engaged by Bovis Lend Lease for the Brisbane Correctional Centre Project on the basis of a strong working relationship established over many years. Naturally the technology, design and unrivalled expertise provided by Honeywell were also instrumental in the developer's decision

With unmatched domain expertise in corrective services, Honeywell was able to offer a proven solution including innovation, technology and delivery, all wrapped around a future-proofed solution that will grow with the Department of Corrective Services over the next decade. This ensures a safe and secure environment for staff, visitors and inmates alike.

Specifically, Honeywell was responsible for the provision of digital security, perimeter surveillance, intruder detection, video motion

detection, mobile duress, digital CCTV, access control and prisoner intercom; all centrally controlled using Honeywell Enterprise Buildings Integrator™ and Honeywell Digital Video Manager™. Other security systems provided by Honeywell include biometric visitor access, contraband detection and digital audio recording. An upgrade to the building management system was also delivered.

Part of the brief for this project was for the Brisbane Correctional Centre to be one of the leaders in technologically advanced correctional facilities in the region. One example of technology leadership was the innovative PLC door interlocking technology. Developed by Honeywell, this innovation allows simplified movement throughout the facility.

Honeywell remains the safe choice to deliver building automation and integrated security solutions for risky and complex environments such as correctional facilities. Engineering ex-

cellence and experience coupled and a close working relationship with the builder, project consultant and the State ensured that expectations were consistently met. Honeywell is proud of their involvement with this project.

Honeywell Building Solutions

2 Richardson Place
North Ryde NSW 2113
t. 02 9353 7000
f. 02 9353 8116
e. customer.advocate@honeywell.com