

Acacia Prison Complex



Project Description:

Acacia Prison Complex underwent a \$100 million expansion to provide accommodation for an additional 387 detainees. The development has increased prison capacity from 1000 to 1513, making the complex the largest prison in Australia and the Southern Hemisphere.

Acacia prison opened in May 2001, operating as a medium security prison for male detainees. The correctional facility is one of 2 privately-managed prisons in Western Australia. The prison is owned by the Department of Corrective Services which contracts management of the prison to an external service provider, Serco.

The Challenge:

Acacia's priorities for the prison's expansion included focussing on security, safety, organisational excellence and reducing the risk of reoffending. The development aimed to create bathroom amenities that provide a safe and secure environment for inmates and an effective water management system for the entire complex.

The tapware specified needed to address common issues and risks in a prison environment such as, self-harm, vandalism and misuse of water resources. The project had a strict timeline with short lead times in which contractors needed assistance in setting up access for services such as cabling for the electronic tapware.

The Solutions:

Galvin Engineering was the supplier of choice due to our extensive experience in the correctional industry. We provide industry specific expertise and offered ongoing support for any custom requirements. Our point of difference includes personalising water solutions and providing onsite service in

Location:	Wooroloo, Western Australia
Hydraulic Consultant:	KBR
Builder:	Doric Construction
Plumbing Contractor:	RP Leisk Hydraulics
Start Date:	Jan 2013
End Date:	Jan 2016

order to effectively meet the project's objectives.

Aligning with Acacia's strategy, Galvin Engineering's electronic tapware epitomises innovation in water solutions for security and risk prevention in correctional facilities. The key product utilised in the extension of amenities was the TZ-FLOWCELL1, which offers state of the art, cutting edge technology specifically designed for correctional facilities. The TZ-FLOWCELL1 is vandal resistant, anti-ligature and provides optimal control of water management.

The Results:

Galvin Engineering provided electronic tapware that is robust, durable and an efficient water management system that promotes a safe and secure environment for the expansion of Acacia prison. As an Australian manufacturer, Galvin Engineering were able to provide step-by-step support throughout the entire project during and after completion.

