

Sunshine Hospital Acute Services Building

Kane Constructions was appointed in 2010 under a Lump Sum contract to deliver Stage 3 of the Sunshine Hospital Redevelopment.

The $60 million project involved the construction of a new four level Acute Services building plus basement which will accommodate 128 inpatient beds, additional ambulatory facilities including same day medical chairs, outpatient clinics and clinical services and a special care nursery.

As well as the challenge of constructing a new 13,500m2 concrete framed building immediately adjacent to occupied wards and operating theatres, the project also comprised an extremely complex services scope which included new infrastructure and connections into the existing hospital power plant via a new tunnel (through rock!).

The Kane project team worked closely with the Project Manager and engineers to ensure disruption to hospital operations was kept to a minimum. All services isolation and shutdowns were planned months in advance and coordinated to suit the hospital's requirements. Night works were undertaken where required and vibration management was a key challenge.

Close collaboration with the design team ensured issues resulting from latent site conditions were mitigated by practical and cost effective solutions being proposed and adopted including redesign of the new services infrastructure tunnel under the existing hospital.

The nature of the project required extremely detailed quality assurance. For example, works to all wet areas such as ensuites were closely monitored to ensure compliance with the detailed inspection and test reports to eliminate any chance of leaks or puddling.

Value add items included the installation of a superior vinyl product at no additional cost to the client. The Kane team also offered installation of tanking beneath vinyl to all wet area rooms such as dirty utility rooms at no additional cost - despite this not being specified. Cost saving options for a revised design of the external sunscreens, installation of alternative internal window types and various other items were also provided by Kane.

Works commenced in late 2010 with the project reaching Practical Completion three months ahead of schedule in mid 2012.

Kane Constructions Pty Ltd
kane.com.au

Client

Western Health

Consultants

Johnstaff Projects
Silver Thomas Hanley
Aecom

Location

Victoria

Value

$60M

