



Environmental
ESD
Air
Power
Noise
Structure

Making the difficult, simple

Project: C25 Project - New Cancer Research Facility for NSW



KAE assisted UNSW and BLL to deliver this state of the art cancer research facility.

The project will deliver a new world bench mark for cancer research facilities.

The project comprises approximately 17000sq m of laboratories, laboratory write-up areas over 8 levels.

The facility will be cradled by a stunning façade designed by Lahznimmo Architects & Wilson Architects in association, fit for the facilities exposed external location on site required iconic status.

KAE are providing mechanical and medical gas designs for the project including:

- PC2 class laboratory air conditioning and ventilation systems
- Co generation with absorption chiller study
- Air conditioning to non laboratory areas
- Fume cupboard
- Natural ventilation
- BMCS for all services
- Miscellaneous ventilation for specialist areas
- Medical gases central plant and systems for N², CO² Vacuum, compressed air etc

The project is utilising state of the art plant and systems, energy recovery and computerised design to ensure a low energy consuming project, whilst maintaining critical laboratory conditions. The project is targeting a minimum 4 star green star rating utilising the new pilot education green star tool.