

# ROYAL NORTH SHORE HOSPITAL CLINICAL SERVICES



## PROJECT DETAILS

### PROJECT LOCATION:

Westbourne Street, St  
Leonards, NSW 2065

### COMMENCEMENT DATE:

June 2013

### COMPLETION DATE:

October 2014

### TYPE OF CONTRACT:

Design and Construct

### CONTRACT VALUE:

\$15 million

### GROSS FLOOR AREA:

29,000 sqm.

### PROJECT MANAGER:

Robbie Peel

### CONSTRUCTION

### MANAGER:

Paul Logie

## OVERVIEW TRADE PACKAGE

Trade package:

- Electrical High Voltage
- Electrical Low Voltage systems
- AS3003 Body & Cardiac Protection Area's
- Emergency Stand-By Generator
- Uninterrupted Power Supplies
- Lighting Installation & its associated Controls
- External Lighting
- General & Special Purpose power installation
- Medical Services Panels
- Communication Systems
- Security
- Nurse Call
- MATV System
- Lightning Protection System
- DAS System
- Site Wide Radio
- O & M Manuals & 3D BIM Package in LOD 400

## COMMERCIAL FACTORS

- Ability to meet the tender requirements & documentation
- Ability to achieve best industry practice
- Future Proofing
- Ease of use/maintenance for Client & associated personnel
- Value for Money
- Star Group undertook both external & internal progress monitoring both on construction/financial progress
- Star Group representative attended weekly Design/Site co-ordination meeting with BMPX, associated consultants, & other services sub-contractors to meet the requirements of the client & programme of the Builder.
- Star Group undertook regular auditing of all its subcontractors to ensure compliance with the brief & relevant Australia Standards.

## PROJECT CHALLENGES

- This Project demanded precision planning, meticulous methods, quality systems & effective management of logistics/key interfaces.
- Integration of Security, Nurse Call, Lighting Control, Emergency Lighting, DAS, MATV & site Wide Radio Systems into the ASB.
- Workshops to incorporate the Hospitals departmental requirements for Electrical/Communications & its associated disciplines.
- Produce 3D BIM Modelling for the electrical disciplines which were to be co-ordinated with other Services Trades.

## PROJECT SPECIFICS

The Clinical Services Building is an integral part of the Royal North Shore Hospital Facility.

This 8 Level Building comprises the following Medical Departments:

- Mental Health
- Operating Theatres
- Birthing Suites
- Neo-Natal Intensive Care (NICU)
- Women's Health Acute Services (WHAC)
- High Dependency Unit (HDU)
- Severe Burns Unit
- Pediatrics Unit

