

# NORTHERN BEACHES HOSPITAL



## PROJECT DETAILS

**PROJECT LOCATION:**  
Warringah Road, Frenches  
Forest NSW 2086

**COMMENCEMENT DATE:**  
2015

**COMPLETION DATE:**  
2018

**TYPE OF CONTRACT:**  
Design & Construct

**CONTRACT VALUE:**  
\$65 Million

**GROSS FLOOR AREA:**  
68,000 sqm

**PROJECT MANAGER:**  
Anthony Greenaway

**CONSTRUCTION  
MANAGER:**  
Frank Palamara

## OVERVIEW TRADE PACKAGE

Star Group was selected as electrical and communications contractor by Consortium.

Star Group's scope of works included:

- General electrical services
- Communications
- Security systems including access control, Staff Duress, Intercom and CCTV monitoring, MATV System
- Staff and patient call systems
- Specialist lighting and automated lighting controls
- Internal fibre optic and copper backbone cabling, Cat 6A shielded structured cabling system
- Active distributed mobile antenna system
- Radio network antenna system
- Installation of Wireless Access points
- HV substations
- HV external and internal network reticulation, HV & LV main switchboards, consumer mains

- Low Voltage sub main reticulation, cable supports and distribution systems
- Co gen, diesel generator and UPS systems
- LED medical procedure lighting to operating theatres, Master clock system
- Emergency lighting control system, Emergency, General, Specialty, Street and landscape lighting, general power system

## PROJECT CHALLENGES

- Installation of offsite HV infrastructure and equipment
- Required a robust infrastructure design to minimise single points of failure.