

M4 EAST WESTCONNEX



PROJECT DETAILS

PROJECT LOCATION:
Sydney, NSW

COMMENCEMENT DATE:
2015

COMPLETION DATE:
2016

TYPE OF CONTRACT:
Electrical and Construction

CONTRACT VALUE:
>0.5 Million +

PROJECT MANAGER:
Bassam Hamed

E&I MANAGER:
Phil Tilden

OVERVIEW TRADE PACKAGE

The project is set to widen and extend the M4 and M5 by providing 33km of motorway connecting western and southwestern Sydney with the city, Port Botany precinct and Kingsford Smith Airport.

The Works comprise the supply, installation, test & commissioning of the complete Motorway Control Centre building, Pathway & Covered electrical works including:

- Electrical distribution, lighting & small power, Consumer mains
- Generator
- Dimmable lighting
- All Access control items
- Fire Alarm systems
- Preventative Maintenance
- Site investigation
- Liaising with authorities for approval for isolation and relocation
- Power and comms cable
- Earth and Lightning Protection system
- Supply, install and test Single Mode 24c fibre optic cable

PROJECT CHALLENGES

- Only one access into each of the work areas via the M5 roadway.
- All staff & materials are co-ordinated to minimise lost time due to the distances in getting to the work face
- High Level WH&S
- Co-ordination of subcontractors
- Working alongside live roadway

PROJECT SPECIFICS

WestConnex is constructed in the M4 and M5 Corridors and is made up of around 14km of road above ground level and approx. 19km of tunnels, including a new tunnel linking the two corridor.