

ARC BY CROWN



PROJECT DETAILS

PROJECT LOCATION:
161 Clarence St. Sydney
NSW 2000

COMMENCEMENT DATE:
July 2016

COMPLETION DATE:
January 2019

TYPE OF CONTRACT:
Construct

CONTRACT VALUE:
<\$1.6 million

GROSS FLOOR AREA:
N/A sqm.

PROJECT MANAGER:
Chris Hughes

**CONSTRUCTION
MANAGER:**
John Slater

OVERVIEW TRADE PACKAGE

- 1 x triple Triplex City chamber sub stations - Ausgrid
- 400amp Builders supply Low Voltage Direct Distributor
- Surveying of Trench Routes
- Trenching and Conduiting to Ausgrid Network Standards
- Exploratory Civil Works
- Temporary Restorations
- Low Voltage Interconnectors
- High and Low Voltage Cable Jointing
- SCADA and Protection Panelling installation and associated wiring and testing.
- Chamber and Control points metal works
- Lighting and Power within Chamber.
- Transformer Installations and associated wiring and terminations
- Low Voltage Switchboard installation, testing and commissioning
- Street Lighting and Design

COMMERCIAL FACTORS

- Meeting high expectations from the client and the supply Authority
- Meet tender requirements and beyond
- City of Sydney
- Regular meetings with Supply Authority
- Regular meeting with council
- Regular meetings with Client
- Cable and Conduit Reticulation Design and Investigation
- Keep Installation dates to programme
- Booking outages with Supply Authorities
- WHS Management
- Material acquisition
- Street lighting and design

PROJECT CHALLENGES

- Completion and hand over of Rooms to Ausgrid delayed but Elect Energy Still kept energisation dates
- ASPL3 Design was not constructible with regards to Trenching, Elect Energy discovered and proposed solutions to the designers, client and Ausgrid.
- Working in Sydney's busiest streets
- Day and Night works required
- Working within congested work zones
- Working close to other "LIVE" services from other supply authorities
- Working within City of Sydney's guidelines
- Working within RMS Guidelines

PROJECT SPECIFICS

- Commercial and residential apartments
- 1 x triple Triplex City Chamber Sub stations – Ausgrid
- All trenching (in and around solid sandstone) Conduit installation, backfill, and temporary restorations included
- Cable Hauling and terminations
- Protection panels, SCADA, terminations and testing
- Street Lighting and Design

