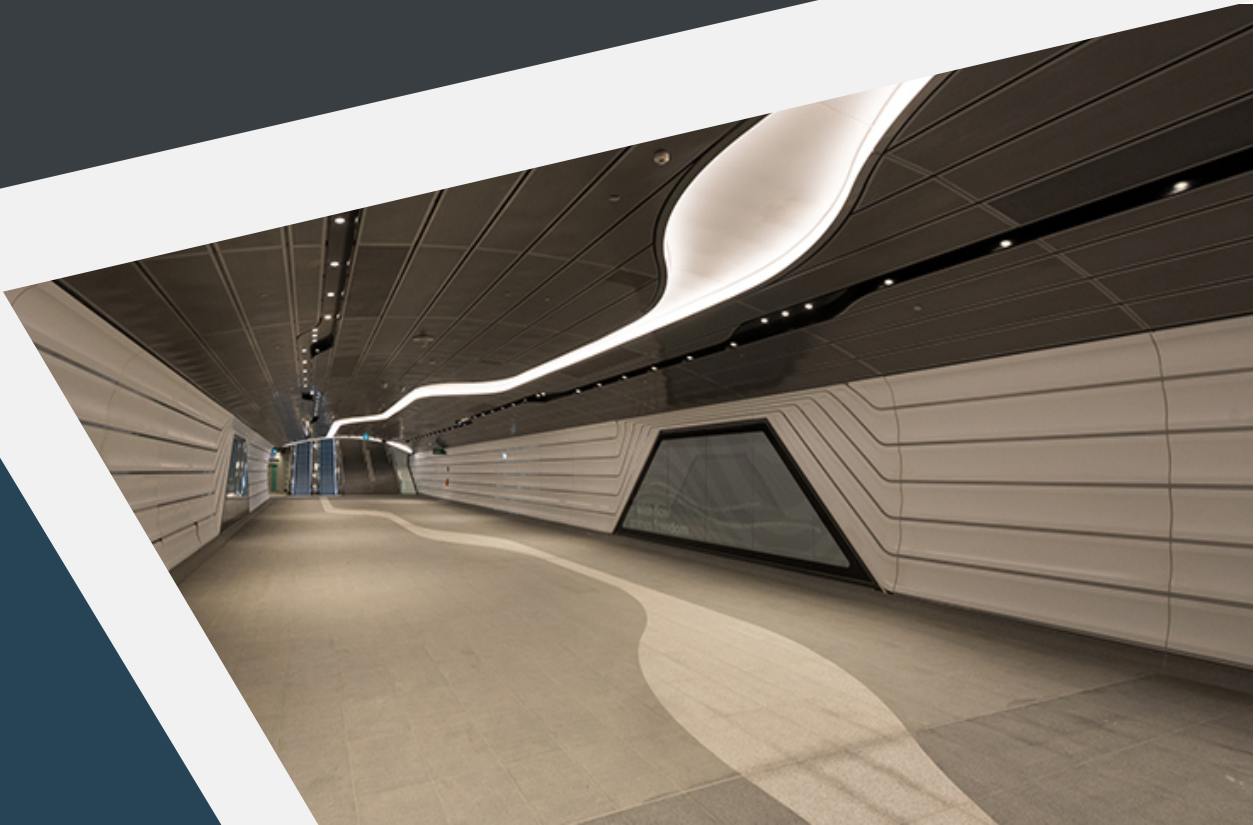


WYNYARD WALK



PROJECT DETAILS

PROJECT LOCATION:
Sydney CBD, Sydney NSW

COMMENCEMENT DATE:
2013

COMPLETION DATE:
2016

TYPE OF CONTRACT:
Electrical and Construction

CONTRACT VALUE:
\$12 Million

PROJECT MANAGER:
Michael Dart

E&I MANAGER:
Phil Tilden

OVERVIEW TRADE PACKAGE

The Wynyard Walk Project is located at Wynyard Station, Sydney NSW.

Wynyard Walk is a world class, fully accessible pedestrian link between Wynyard Station and the developing CBD western corridor and Barangaroo. CPB Contractors was awarded the \$300 million contract to construct a bridge over Sussex Street, a Plaza area, large open tunnel and the Clarence St Entrance Building that is the connection to both Wynyard Station & Clarence St.

Star completed the E&I package as part of the above CPB works, which included the Electrical, Communications, Security and Media Screens services.

In summary, Wynyard Walk will provide a quick, safe route entry and exit capacity for Wynyard Station to meet the increasing demand from the Barangaroo Development. It will be able to accommodate 20,000 pedestrians per hour

COMMERCIAL FACTORS

This Scope Outline document relates to the provision of Electrical and Telecommunications Services in relation to the Wynyard Walk, previously known as the Barangaroo Pedestrian Link, between Wynyard Station and the proposed Barangaroo Development in the Sydney CBD.

The project generally involves:

- Pedestrian facilities and interface with Barangaroo (including the Ferry terminal and Development land), Napoleon Street, Clarence Street and Wynyard Station;
- A pedestrian over-bridge at Shelley and Sussex Street to a new plaza adjacent to Napoleon Street, including lift access for mobility impaired passengers;

- Western Portal pedestrian integration at Napoleon Street, wayfinding and advance station signage, Wynyard Walk tunnel portal entrance and local amenities connection
- Modification of Napoleon Street and adjacent properties to connect Wynyard Walk's western portal to its surrounds;
- Approximately 130m of mined Wynyard Walk pedestrian tunnel from the Western Portal to Wynyard Station, including tunnel utilities, amenities and fit out;
- Under pinning, demolition and permanent support for No 1 Margaret Street to enable the Wynyard Walk mined tunnel;
- Demolition of 26-38 Clarence Street, roadwork and construction of an access shaft, including utilities, amenities, fit out and future proofing for a multi-storied development over;
- Temporary closure and permanent connection/integration of the existing Kent Street tunnel into the Wynyard Walk;
- Under pinning, demolition, support and integration of Railway and Transport House's to allow Wynyard Walk to enter/about the existing RailCorp Wynyard Station concourse; and
- Connection and interfacing with, RailCorp's regional control network and Wynyard Station's mechanical utilities, fire and security monitoring systems.

PROJECT CHALLENGES

- Interfacing with existing Wynyard station systems
- Numerous design changes during construction period
- Procurement changes & durations
- Construction timeframes
- Staged program
- Difficult logistics with limited access for storage & deliveries
- Difficult access due to large open & high areas
- Exposed public areas

PROJECT SPECIFICS

The Wynyard Walk project primarily focused on the supply, delivery, installation, and testing, commissioning and subsequent maintenance of the tunnel, bridge and Clarence St Entry Building.

Star Group provided materials, labour, cartage, tools, plant, appliances, accessories and fixings necessary for the proper execution of the works, together with all minor and incidental works.

Specifically, the Electrical, Telecommunications and Other Services work comprised of the provision of the following major items:

Electrical

- Main Switch Board
- Distribution Boards
- Cabling & Reticulation Systems
- UPS Systems
- Power
- Power Factor Correction
- Lighting
- Emergency Lighting & Monitoring
- Lighting Control

Communications

- Equipment Housing
- Structural Cabling Network
- Cable Containment Systems
- Public Address (PA) system
- Audio Frequency Induction Loops (AFILS)
- Closed Circuit Television (CCTV) System
- Help Points
- Radio Repeater System
- Public Telecommunications operators Infrastructure

Other

- Media Screens
- Media Screen Glazing
- Security- Access & Intruder Systems
- Infotainment

