

Tunnel & Station Excavation (TSE)



PROJECTS

Project Description

The Tunnel & Station Excavation (TSE) project is the second stage of the Sydney Metro network that connects stage 1 at Chatswood to the existing heavy rail at Sydenham. The connection consists of twin 15.5km TBM tunnels that cross beneath Sydney Harbour and includes the complex excavation of underground caverns to facilitate new stations at Chatswood, Crows Nest, Victoria Cross, Barangaroo, Martin Place and Pitt Street (Gadigal) with an open cut station box excavation at Waterloo.

Clients

John Holland CPB Contractors
Ghella Joint Venture (JHCPBG)

JAGCON Group Role

JAGCON Group worked with JHCPBG providing project management services, expert advice on constructability and senior engineers. JAGCON Group assisted JHCPBG from the pre-contract phase right through the delivery up to project completion.

Project Services:

- Request for Tenders (RFTs)
- Design Development
- Project Management
- Planning & Constructability
- Digital Engineering

Project Delivery Roles:

- Construction Manager
- Project Manager
- Project Engineer
- Senior Tunnelling Designer & BIM Technician
- Methods and Planning Manager (Tender Phase)
- Procurement Officer (Tender Phase)

Project Value

\$3.4 Billion

Sector

Tunnelling, Rail, Transport, Infrastructure, Major Civil Works, Major Projects

