

Station Boxes & Tunnelling (SBT)



PROJECTS

Project Description

The Sydney Metro WSA SBT project is the design and construction of twin 9.8km tunnels and station boxes connecting St Marys with Orchard Hills and the Airport Business Park with the new airport city centre, Aerotropolis (Bradfield).

The project provides a key transport connection to the new Western Sydney International Airport.

The works included TBM and roadheader tunnelling works, tunnel permanent lining, dive structures, and the excavation and support of 5 station boxes and 3 shafts.

Clients

CPB Contractors Ghella Joint Venture

JAGCON Group Role

JAGCON Group worked with the CPB Contractors Ghella Joint Venture (CPBG) providing project management services, expert advice on constructability & senior engineers throughout the lifecycle of the project.

Project Delivery Roles:

- Construction Manager
- Precast Manager
- Senior Project Engineer
- Senior Electrical Engineer
- Project Engineer
- Site Engineer
- Methods and Planning Designer
- Environmental Manager
- Community Relations Manager

Project Value

\$1.8 Billion

Sector

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

