

YARRA TRAMS POWER SUPPLY UPGRADE

PROJECT NUMBER	1801
CLIENT NAME	Yarra Trams
END USER	Siemens-Zinfra
LOCATION	Melbourne CBD and Metro
INDUSTRY CATEGORY	Transport / Rail / Infrastructure
CONTRACT TYPE	Lump Sum
CONTRACT DETAILS	Design, Construction & Commissioning
UPDATES	March - December 2014

THE CHALLENGE

Design, Manufacture, fit out and deliver 5 Switch Rooms across Melbourne, Victoria, some within the CBD on sensitive sites, 1 building split in two to avoid sensitive site flora due to site size limitations, implementation of architectural features to external wall cladding.

AC to DC converter station for the Melbourne Metro Light Rail system, the buildings accommodate 11kV AC Switchgear, 2.6mW Rectifier transformer, DC Rectifier and a number of DC Circuit breakers and isolators.

Switchroom building structure, including building sub frame and cladding, structural support columns and bracing, external platforms, walkways, grating and stairs, building air conditioning services and fire detection.

RJE were also responsible for the supply, installation, termination and pre energisation testing of interconnecting cabling, inter panel wiring and cable support system and energisation. Functional testing and commissioning and training Prior to delivery was also held in the RJE factory with end client and operations team.

RJE were responsible for the delivery of the buildings to their selected site Melbourne.



RJE

Smarter
Engineering