

PROJECT FACT SHEET

Customer: John Holland

Project: Defense Logistics Transformation Program

Project Profile:

Nilsen was contracted by John Holland to carry out the complete electrical installation for the Defenses' National Storage and Distribution Centre, Moorebank.

The Defence Logistics Transformation Program (DLTP) has modernised and enhanced Defence's warehousing and distribution functions to provide optimum support to Defence operations. The following new facilities were constructed as part of the Project: Signalised entry off Moorebank Avenue, staff car-park, vehicle check-point and guardhouse including pass office; Office building for the DNSDC headquarters staff; General Storage Warehouse of approximately 40,000 m²; Storage of loan and repair pool equipment; Storage and maintenance facility for Aerial Delivery Equipment; Cargo consolidation and other support to operations; Workshop for the maintenance of vehicles and other equipment; Secure storage and maintenance facility; Dangerous goods storage facility; Pavement for the storage of vehicles and other equipment (for example containers and generators); and In ground engineering services, roads and perimeter fencing to support the above works.

Nilsen NSW's scope includes 33kv Feeder to local zone sub; HV distribution including 5 kiosk transformers; Modifications to existing HV and LV aerial infrastructure; All LV Distribution and Light, power and communication

Nilsen commenced on site in March 2013 and completed the project in August 2014.

New electrical services include: the supply and install of a new 33kV Supply Authority from ANZAC Zone Substation to new HV intake switchroom, establishing a HV intake switchroom, complete with HV switchgear panels, battery charger, distribution boards and ancillary items; supply and install new 33/0.433kV kiosk type substations, supply and install the HV Cable Network; supply and install all street lighting; supply and install all LV Cables; supply and install small power and lighting to all new building facilities on site; provide generator power and provide clean earths for all communications rooms.



- **Completion Date:** August 2014
- **Man Hours:** approx. 72,000
- **LTI's:** Zero