

## Project Profile



<b>Client</b>	JLL Augility
<b>Location</b>	Woomera Range
<b>Value</b>	\$0.8 million
<b>Duration</b>	April 2016 - August 2016
<b>Contract Type</b>	Lump Sum Construct Only

## Project Overview

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The Woomera Range Complex is a military testing range covering approximately 122,000km<sup>2</sup> in northwest South Australia, situated 450km northwest of Adelaide. It is the largest land testing range in the world, used for aerospace and systems testing under the control of the Royal Australian Air Force.

### Scope of Work

Intract were contracted by JLL Augility on behalf of the Department of Defence to undertake works to upgrade existing electrical circuits and lighting in technical areas, hangers, storage sheds at the Woomera Range Complex. The existing electrical works were installed 60 years prior and had become non-compliant to current Australian Standards. Several of the electrical systems had deteriorated to the point where they may have become hazardous to staff on site.

# Electrical Rectification Works in Woomera



Intract's scope of works included the installation new power layouts, main switch boards, submain switch boards, distribution boards, lighting layouts and general power infrastructure. Other works included isolating mains cables and their testing and verification, demolition of existing services and installation of new electrical services.

The Defence buildings requiring electrical upgrades were all within the Woomera Technical Area and included Hanger 3, Buildings 10, 10A and 10C, and Store 79. Works included inspection of the existing systems, reporting on the condition and summarising the electrical networks in each building to ensure compliance with Australian Standards.

All works required close liaison with Defence personnel to ensure electrical services did not impact site operations. Works were completed on time with zero health, safety and environmental incidents.

## **Indigenous Participation**

Intract Australia entered into an agreement with the primary electrical subcontractor, Cowell Electric, that one of Intract's experienced Indigenous electricians would receive leading hand and advanced electrical works training within the Cowell organisation, upskilling the employee.

Indigenous participation across the project was 39% with four Indigenous personnel working on site.