

Darwin International Airport (DIA) HV System Upgrade



Location

Darwin, Northern Territory

Client

Darwin International Airport

Commencement Date

April 2014

Completion Date

July 2015

Contract Value

\$3.2 million

Overview

This project was the first stage of the Darwin International Airport upgrade of the HV ring main. The upgrades replace an existing HV line that has caused numerous outages for the Airport. In addition to the HV ring works, a water main and sewer rising mains diversion was included in preparation for a commercial lot subdivision.

Project Scope

The project scope included:

- electrical works
- construction of communication pits and HV pits
- installation of two substations and one ring main unit
- two road bores across the main entry roads into the airport
- live connections without shut downs and standby generator
- sewer main, water main and additional water main repairs.

Outcomes

BMD Urban's dedication to the procedures associated with working near services and their willingness to assist the client, resulted in the opportunity to price for additional works.

These included water main repairs, valve replacements, a sewer leak repair and construction of approximately 100m of water main on the airside. These additional projects were all awarded to BMD Urban.