

## HMAS Coonawarra Naval Base



### Location

Darwin, NT

### Client

Department of Defence

### Commencement Date

February 2015

### Completion Date

November 2015

### Contract Value

\$3.2 million

## Overview

BMD Constructions were contracted for the first stage of remediation to the existing Defence Fuel Installation (DFI) at HMAS Coonawarra Naval Base, Darwin. The existing fuel system consists of five diesel fuel tanks that currently service patrol boats at the naval base. Multi-disciplinary remediation works were required including mechanical, electrical (external lighting, lightning protection and earthing), civil and structural works.

## Project scope

The project included the following upgrades:

- tank R and PB2 bund drainage lines
- access from tanker unloading area to BFI area
- access for operators to tanks, valves, instrumentation and pipework by means of modifications to existing and addition of new platforms and stairs
- increased capacity on tank bunds and pump spillage compounds
- lightning protection around tanks
- external floodlighting around tanks and tanker unloading area
- earthing around tanks
- security around tank compounds
- signage on tanks, access gates, valves and pipework
- fire protection and alarm system.

## Outcomes

The project had a short construction period for a multi-disciplinary project and involved large stakeholder engagement with the Navy, Maintenance Operator and DFI Operators.

BMD has had a strong focus on environmental impacts with the successful containment and removal of suspected contaminated soil underneath the diesel tank bunds. Along with successfully managing the containment and disposal of diesel from Stokes Hill in large quantities.

BMD were awarded additional works as a “make safe” project to the former Stokes Hill Fuel Installation, located in the Darwin Waterfront Precinct. The project aimed to make the former fuel installation safe from anyone that may enter the secured compound.