# BHP OLYMPIC DAM EXPANSION SELECTION PHASE CAPITAL COST ESTIMATE



**The Client**

MAUNSELL | AECOM bhpbilliton

**The Project**

Flagstaff provided estimating and schedule preparation to Maunsell | AECOM for this study.

AECOM were awarded the infrastructure package for the Selection Phase Study in relation to the Olymic Dam Expansion (ODX). The infrastructure package addressed the export of concentrate from Olympic Dam and included:

- Materials handling for loading concentrate at the site for transport
- Investigation of several transport options and combinations of road and rail
- Options for port locations and configurations

The study required preliminary engineering, estimating and scheduling for a number of infrastructure elements that could be grouped as required for the various option configurations.





**The Challenge**

- Developing a means to simplify the development and evaluation of a significant number of options

**The Outcome**

- Unit blocks or elements of the work were developed to provide suitable units that could be used in multiple options
- These elements were estimated
- The options estimates and schedules were developed accordingly
- These included options proposed by the Maunsell | AECOM team
- The methodology allowed multiple options to be presented to the client team with recommendations on which options to carry forward
- The study was delivered on time and within budget

*'experience makes a difference'*

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