



## Sino Iron Ore Project

### PROJECT DETAILS

Centrals delivered a series of packages including:

- » Construction of 4 filter building structures including all detailed excavation, formwork, steel fixing, concrete placement/finishing, structural steel erection and cladding;
- » Construction of all foundations for thickeners, tanks, event ponds and associated plant including all detailed excavation, formwork, steel fixing, concrete placement/finishing and erection of structural steel;
- » Construction of foundations for two stackers and one reclaimer including crushing of aggregates, detailed excavation, formwork, steel fixing, concrete placement/finishing, rail berm construction, sleeper and rail installation;
- » Design and construction of the main workshop complex at the Sino Iron Port Facilities along with modular/transportable administration and amenities buildings, road works, infrastructure and underground services;
- » Construction of foundations for all conveyor and pipe racks connecting the dewatering, filter and stockpile infrastructure including all crushing of aggregates, detailed excavation, formwork, steel fixing, concrete placement/finishing, rail berm construction, sleeper and rail installation;
- » Design and construction of Port Main Control Building and Laboratory at the Port;
- » Install 2 X 45m dia product thickeners supplied in 6 major sections for each thickener. Install sag plates, bridge, drive shaft and rake arms. Blasting and painting works through to hydro testing;
- » Install 4 agitator tanks and 2 storage tanks, minimum 18m high and 18m dia. (Approx 500T each) at the concentrate storage area on the cape. Install 6 agitator tanks at the concentrator area and 2 agitator tanks at the tailings area;
- » Combination of bulk earthworks, concrete and steel erection works. Construction of concrete foundations, plinths, footings and associated ground works; and
- » Fabrication, testing and installation of over 13km of buried pipework including all civil and trenching works to complete the installation.

**Client:** MCC Mining

**Location:** Cape Preston, WA

**Duration:** 30 months

**Completion:** June 2012

**Value:** \$240M



### PROJECT HIGHLIGHTS

**Concrete:** 51,000m<sup>3</sup>

**Earthworks:** 720,000m<sup>3</sup>

**Personnel on Site:** 350

**Manhours:** 1,106,381