

# Sydney Malting Facility



## Location

Minto, New South Wales

## Client

Viterra

## Commencement Date

August 2010

## Completion Date

February 2012

## Contract Value

\$100 million

**BMD Constructions is providing the multi-disciplined expertise required to bring this project to successful completion.**

## Overview

Viterra has facilities across the world providing high quality malting ingredients to global manufacturers. The new Minto facility located in outer Sydney will include a 110,000 tonne per annum malting plant, a 120,000 tonne per annum grain, cleaning facilities and a bulk container loading facility for road freight.

## Project Scope

Engaged under an EPCM (Engineer, Procure, Construct, Manage) arrangement, BMD Constructions is responsible for managing construction of all civil, structural, mechanical, process, electrical, instrumentation and controls. Key scope includes:

- Installation of mechanical, electrical, hydraulic, refrigeration and heating services for the production of malt and the separate handling and cleaning of various grains;
- Construction management of major structures including civil works, foundations, steelwork, cladding/insulation, pre-cast concrete and mechanical equipment (motors, conveyors, elevators, fans/pumps, compressors, condensers, heat exchangers and valves); and
- Supervision and management of over 3km of underground services including chilled water, high pressure water, stormwater, trade waste, fire, gas, mains water and electrical.

Additional to the \$100 million value under the Construction Management contract, BMD Constructions has been awarded \$10 million in trade packages.

## Outcomes

Upon completion, the facility will be one of the largest of its kind in Australia.

Successfully co-ordinating 120 site staff across 18 different trade groups.

Fast tracking construction with site activities following 'for construction' drawings by only one month.

Fast tracked tendering of trade packages which achieved a significant time saving with certain trades selected at 60% documentation.

Value and cost optimisation of materials, accelerated selection of products and suppliers.

Successfully documented the site footprint, process flows, plant layouts, process and instrumentation drawings, to develop the functional briefs and specifications.