

## Location

West Angelas Minesite

## Client

Rio Tinto Iron Ore

## Total Project Value

\$17 - \$20 Million

## Role

*Client Representative, Design, Procurement,  
Project Construction and Commissioning Management*

## Services Provided

*Project Design and Construction Management  
Preparation of Tender Packages  
Management of Tender / Contracting Process  
Project Scheduling and Cost Control  
Procurement and Expediting  
Site Construction / HSE Management  
Liaison with Mine Operations Personnel*



## Project Overview

This project consisted of installation of a supplementary feed system into the existing processing plant at West Angelas. The aim of the project was to design and install a feed system that would provide an additional 3.5 Mt/pa to the overall West Angelas output capabilities.

The supplementary feed system consisted of a front end loader feeder bin, vibrating feeders, transfer chutes and a conveyor complete with all associated electrical and instrumentation control systems. There was extensive demolition and modification work involved at the head end transfer chute, as this was located at an existing transfer tower.

IPS managed detailed design, procurement, construction and commissioning activities. We also automated and optimized the entire processing plant control system to maximize throughput. Construction and commissioning activities entailed working closely with the mine to co-ordinate work in several shutdowns, and this was managed with no production interruptions.

The project was completed without an LTI or any unplanned interruption to mine site activities.

