

Location

All Mine Sites, WA

Client

Rio Tinto Iron Ore

Total Project Value

Commercial in Confidence

Role

Client Representative
OoM Study

Services Provided

Project Design Management
Preparation of Tender Packages for OoM Study
Project Scheduling
Cost Control
Liaison with Mine Operations Personnel
Business Analysts

**Project Overview**

IPS managed an Order of Magnitude (OoM) Study to review transport options to reduce the size and/or number of the owner operated trucks across a range of sites at Pilbara Iron mines in the Pilbara region of Western Australia. The study was instigated to mitigate potential production losses due to the current and projects shortage of tyres over the next several years.

The study investigated alternatives for transporting ore. These included usage of road trains, contract mining fleets and in-pit crushing and conveying options. These different options were costed and ranked to provide a comparison to the traditional “dig and haul” method.

The study involved several trips to the different mine sites to investigate current practices, future mine plans, haulage routes and local geography. It also involved workshops with medium and long term mine planning personnel to align the study with business requirements.

IPS managed the engineering study, the interface with mine planning and operations, development of the various business case scenarios and also the information sessions with the different sites.

