



**TELFER**

**Major Aquisitions**

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**ACQUISITIONS SCOPE**

**Covers:**

- **Open Pit Mining Fleet supply**
- **Maintenance contracts for open pit fleet**
- **Gas Supply**
- **Gas Transportation to Telfer**
- **On-Site Power Generation**
- **Operating and maintenance contracts for the power station**
- **Concentrates storage facility**

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## OPEN PIT MINING FLEET

### Initial fleet delivered:

- **11 trucks (CAT 793s)**
- **1 shovel and 3 backhoes (Liebherr)**
- **Ancilliary equipment**
- **2 drills. (Drilltech D75KS)**



## OPEN PIT MINING FLEET

### • Equipment to be delivered:

- **3 Cat 793 trucks on order for delivery January 2004**
- **3<sup>rd</sup> drill – February 2004**
- **Capital costs are in line with Feasibility Study estimates**
- **Achieving productivities predicted in Feasibility Study**



## GAS SUPPLY

- Requirement – Maximum Daily Quantity of 25 TJ/day
- Negotiations with 2 potential suppliers being finalised



## GAS TRANSPORTATION TO TELFER

### Gas to be transported:

- To Port Hedland by PEP pipeline owned by Epic Energy
- Port Hedland to Telfer by purpose built pipeline
- Gas Transportation contracts being finalised



## **GAS TRANSPORTATION TO TELFER**

### **Construction work required:**

- **PEP pipeline - no work required.**
- **Telfer Pipeline – construction of a 450km, 250 NB, Class 600 pipeline, with operating and standby compressor located at Port Hedland**
- **Construction scheduled to start 20<sup>th</sup> October, completion May 2004**
- **Strategies developed for construction through cyclone season**



## **POWER STATION**

- **Installed capacity**
  - **3 x 47 MW dual fired GE gas turbines**
  - **Existing 20 MW diesel power station**
- **Power Station construction schedule:**
  - **2 x 47 MW gas turbines installed by mid April 2004**
  - **3<sup>rd</sup> unit installed by December 2004 (coincident with underground mine)**



## POWER STATION

### Current status:

- **2 x GT's tested at GE factory in September**
- **One set fully load tested**
- **Shipped for Port Hedland 26<sup>th</sup> September**
- **Site works in progress**
- **On schedule for completion by April 2004 with first 2 units operating**



## POWER STATION

### Costs:

- **Generating costs are in line with Feasibility Study estimate**
- **Capital cost is in line with Feasibility Study estimate**



## GAS TURBINE GENERATOR UNDER TEST



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