



**Location:**  
Garut, West Java

**Value:**  
US\$85 Million (Approx)  
Thiess shares 70% of the total contract

**Client:**  
Chevron Geothermal Indonesia Ltd

**Contract Type:**  
EPC Lump Sum

**Duration:**  
November 2004 to  
June 2007

PT Thiess Contractors Indonesia in a consortium with Kanematsu Corporation, was awarded the contract for engineering, procurement and construction of the Darajat Unit 3 Geothermal Power Plant Project by Chevron Texaco Energy Indonesia.

The project was for the development of a 110 MW Geothermal Power Plant and piping works as part of the third stage of Chevron Texaco's development of the Darajat Geothermal Resource. Unit 3 was installed on a common site includes integration of the shared common facilities, including the steam gathering system.

Throughout the project Thiess was responsible for leading the consortium, management and execution of the total contract. Kanematsu was responsible for the design, supply and commissioning of the Mitsubishi Heavy Industries Steam Turbine Generator package.

The works include:

- Power plant, which comprises engineering, procurement, construction, testing and commissioning of the Unit 3 Power Plant next to, and interconnected with, the existing Unit 2, including installation of a turbine generator unit and all associated auxiliaries and works.
- Steamfield, which comprises procurement, construction, testing and commissioning (to a design supplied by company) of an expansion to the existing geothermal steam gathering system, to connect additional geothermal wells
- All associated works and services related to the interconnection between Unit 2 and Unit 3.

Project challenges included extremely wet conditions, steep terrain and operation at high altitudes. Despite the challenges, Thiess and subcontractors completed over 3.7 million manhours was without any lost time injuries, a world class safety performance.