

**Location:**

Jambi, Sumatra

**Value:**

US\$137 Million (total)

Thiess shares 45% of the total contract

**Client:**

Conoco Phillips (Grissik) Ltd

**Contract Type:**

EPC Lump Sum

**Duration:**

August 2004 to

February 2007

**Description of Works:**

PT Thiess Contractors Indonesia, in a consortium with Hyundai Engineering and Construction, was awarded the contract for engineering, procurement and construction of the Suban Phase 2 Gas Project by Conoco Phillips Indonesia.

The Suban 2 Gas Project was an EPC contract for the second phase of the commercial development of the gas reserves from the Suban field in South Sumatra. The project increased the capacity of the existing gas plant from 320 MMSCFD to 700 MMSCFD.

Thiess was responsible for the infrastructure engineering, bulk materials procurement and fabrication and all site construction work. Hyundai was responsible for process design and engineering and major equipment procurement.

Due to the remote site location, the project challenges include transportation and logistics, plus construction execution during the wet season and amongst the existing operating facilities without causing disruption.

As part of this job, Thiess completed the first major shutdown for the project in a rapid 22 hours, well ahead of the clients expected 48 hours. In order to install the new vertical Flare systems it was necessary to relocate the existing horizontal Flare and it's radiation zone far enough away from the new construction works.

The most practical method was to extend the existing 20" Flare pipework plus the ignition and monitoring system. The fast timing of the shut down was due to excellence in planning and teamwork to execute the multi-discipline scope. The new Flare system involved two vertical Flares, one 90m tall and the other 80 m tall.