PT. JGC Indonesia, Indonesia

Block-A Gas Development project / epc, Indonesia

Duration: 3 years; Budget: € 213 M

Project description
The Block-A Gas Development Project is intended to develop gas reserves in Block-A, in the East Aceh Region, Indonesia, to fulfill the rapid demand for natural gas in Sumatra.

Gas fields consist of Alur Siwah and Alur rambung wells which supplied raw gas to Alur Siwah Central processing Plant (AS-CPP), and another gas field (Julu Rayeu) to supply fuel gas to Power Generation unit at AS-CPP.

The Alur Siwah Central Processing Plant consists of the Gas Sweetening unit (H2S and CO2 removal), Sulphur Recovery Unit (SRU) and associated utilities and supporting systems. This Plant was designed to produce sales gas with a capacity of at minimum 63.25 BBTUD, including associated condensate and Sulphur product as granule.

5 biggest strengths indentified by PE Assessors
1. Project results. PT. JGC demonstrated great bravery in accepting and managing a project in an area where no other EPC contractor wanted to go both for political and local circumstances and the lack of skilled labour, for a budget perceived to be too small for the project.
2. Processes and resources. PT. JGC demonstrated a strong communication approach as part of it’s project’s stakeholder management for instance with the local community.
3. People and Purpose. PT. JGC cooperated with its subcontractor in a very strong partner-oriented manner.
4. People and purpose. PT. JGC demonstrated strong value engineering capabilities reducing the project budget from € 305 million to € 239 million whilst retaining most of the project’s objectives.
5. Project results. PT. JGC managed to deliver the project on time, within budget with some aspects even surpassing the Client’s objectives, which is not usual in the industry especially not in the local environment where the project was realised.