



South Sumatra to West Java (Phase 2) Onshore Gas Pipeline Project Management Services Project– Indonesia PT Perusahaan Gas Negara (Persero)- (PGN)

GAS

For the SSWJ Project Phase II (onshore pipelines), PGN had GSA with Pertamina and Conoco Phillips to purchase natural gas from the gas fields in South Sumatra and deliver via a high pressure gas pipeline transmission system to a distribution network at Muara Bekasi /Rawa Maju in order to support demand growth in West Java.

Penspen undertook the PMC services together with local partner PT Petrotechindo Utama.

Services:

- Project Management Services
- Basic Engineering and Design covering all engineering disciplines, GMS/SCADA and telecoms. Engineering review of contractors/vendors
- Procurement services for 16 no contracts and involving both pre and post contract management and expediting
- Construction Management and Supervision
- Integration of overall Pipeline Management System
- Commissioning supervision and assistance
- Operational assistance

Profile:

- 185km of 36" diameter high pressure natural gas pipeline from Grissik to Pagardewa.
- 270km of 32" diameter high pressure natural gas pipeline from Pagardewa to Labuhan Maringgai and 4km of 28" dia. Pipeline from Pertamina Receiving point to Pagardewa.
- 34km of 32" diameter high pressure natural gas pipeline from Muara Bekasi to Rawa Maju
- 2 no. metering stations; 17 no. sectional valve stations; 6 no. stations including pig traps, tie-in facilities, receiving facilities, sump tanks and slug catchers, buildings and roads. Stations relied on gas engine generator or mains supply and with diesel generator stand-by facilities
- GMS/SCADA with GM and PM; VSAT, microwave, VHF and fibre optic communications facilities.



Project Value: US\$450 million

Penspen Contract: Rates against Ceiling Price

Capacity: Up to 440 MMSCFD in years 2012-2023.