



One of the Largest Projects in Papua New Guinea to Accommodate 9700 men for Liquefied Natural Gas (PNG LNG)

CLIENT SUCCESS STORY



Despite the numerous challenges associated with working in this location, RSHS completed the facilities, the largest construction in this region, to a satisfactory standard. RSHS is currently bidding on additional works at the same site for CJJV, and have been highly recommend by CJJV for similar projects.

About the client

The PNG LNG Project is an integrated development that includes gas production and processing facilities in the Southern Highlands, Hela, Western, Gulf and Central Provinces of Papua New Guinea. There are over 700 kilometres of pipelines connecting the facilities, which includes a gas conditioning plant in Hides and liquefaction and storage facilities near Port Moresby with capacity of 6.9 million tonnes per year.

The investment for the initial phase of the Project, excluding shipping costs, is estimated at US\$19 billion. Over the life of the Project it is expected that over nine trillion cubic feet of gas will be produced and sold. 21,220 people worked on the Project at peak employment in 2012, including almost 9,000 Papua New Guineans.

Project Snapshot

Project	▶ PNG LNG Project (CJJV) - 9700 man camp facility
Customer	▶ Papua New Guinea Liquefied Natural Gas (PNG LNG)
Industry	▶ Building and Construction
Location	▶ Port Moresby, Papua New Guinea
Products Utilized	▶ Firemaster 60 Series
Project Units Implemented	▶ Accommodation Units, Kitchens, Recreational Centers, Offices, Warehouse Buildings, Waste Water Treatment, Desalination Plant And Generator
Services Offered	▶ Engineering & Design, Transportation & Delivery, Site Installation

Key Challenges

- ⦿ Custom-made designs to match client requirements
- ⦿ Harsh environmental 20km outside Port Moresby in Papua New Guinea – including the humidity, rain and high temperatures
- ⦿ One of the largest construction in the area

The Need

Papua New Guinea Liquefied Natural Gas (PNG LNG) required to house 9,700 people for their project execution. The project being championed by ExxonMobil aims to realise the potential of three large gas discoveries in the southern and western highlands of PNG.

Location map



The Project

Red Sea Housing Services (RSHS) is to design, construct and install a 9,700 man camp to support the Papua New Guinea Liquefied Natural Gas (PNG LNG) project. RSHS is to design, construct and install a 9,700 man camp including accommodation units, kitchens, recreational centres, offices, warehouse buildings, waste water treatment, desalination plant and generator. The entire camp was constructed of the Firemaster 60 series product, which not only handled the adverse weather conditions but met the high fire rating that is required for O&G sites.

Logistics and Terminal Installation of RSHS modules



The design, construction, and installation of a 9,700 man camp



Highlights of the project

- ⦿ The largest camp accommodation project in this region of the southern hemisphere.
- ⦿ Tailor-made design to meet the client's expectations.
- ⦿ Harsh weather conditions.
- ⦿ Accommodation units, kitchens, offices, recreational centres, warehouses.
- ⦿ Special units like waste water treatment, desalination plant, and generator.

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