

Coral South Floating LNG Project Team

[JGC Corporation]

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One of the world's largest gas reservoirs has been discovered off the coast of Mozambique, bringing numerous plans for oil & gas projects. Mozambique is keen to grow its economy in line with these production plans to monetize them. However, due to deteriorating security situation in the northern part of the country, several onshore LNG projects have been postponed even if they were already partially underway, forcing the country to revise of its LNG production plans.

For the Coral South FLNG project led by Coral SA (ENI / Exxon Mobil / CNPC / ENH / Galp / Kogas), JGC formed a Joint Venture with Technip Energies, and a consortium consisting of South Korean shipbuilding giant Samsung Heavy Industries, and Technip FMC to build a Floating LNG production, storage and offloading facility (LNG FPSO) to monetize Mozambique's Rovuma Basin Area 4 Gas Field.

Unlike other onshore LNG projects, which are vulnerable to the deteriorating local security conditions, the security impact of this FLNG project has been minimized as the floating facility of this project can be built at a shipyard outside the country. In addition to the deteriorating security situation in Mozambique, during the Project execution period, we overcame a number of disruptions such as the terrorist attacks in Paris, where the project JV office was located, and the global pandemic caused by COVID-19. We overcame each problem with our enhanced project management capabilities to meet the client's short delivery period requirements. As a result, despite the challenging short delivery schedule, we achieved timely departure/ towage/ commissioning preparation, which is unprecedented in similar offshore facility projects in the past, and started producing 3.4 million tons of LNG per year on schedule, making a significant contribution to the country's GDP growth in 2023.

In addition, for this project, we established JV offices in Mozambique (Maputo City and Pemba City) and actively recruited local personnel mainly for engineering and procurement support services. The JV also mobilized local personnel for operation & maintenance of the LNG facilities, creating employment opportunities in the country. Moreover, the consortium companies provided training and OJT for six months at their main offices, including in Japan, to 80 Mozambican trainees who will be responsible for oil & gas development and maintenance & operation of LNG production facilities in the country. These activities are expected to contribute to the development of key human resources and related industries that will support the country's economy in the future and are expected to provide significant support for other multiple LNG projects planned in Mozambique.

Based on the above outstanding achievements, this project deserves recognition in the International Contribution category.



Sailaway Ceremony



The 1st LNG loading