관계부처합동 보도자료 국민이 만든 대전환의 길

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“Team Korea” Secures KRW 4 Trillion Louisiana FLNG Project in the United States

- Private sector, government, and public institutions collaborate closely to secure a major U.S. project
- A model case of an investment development (PPP) project... serving as a springboard for entry into the U.S. energy infrastructure market

□ The Ministry of Land, Infrastructure and Transport (MOLIT, Minister Kim Yun-duk), the Ministry of Climate, Energy and Environment (MCEE, Minister Kim Sungwhan), and the Ministry of Oceans and Fisheries (MOF, Minister Hwang Jongwoo) announced that “Team Korea,” a joint effort involving companies, the government, and public institutions, successfully secured the order on Monday, June 1 (local U.S. time) for the first phase of the U.S. Louisiana FLNG* offshore plant construction project, valued at USD 2.8 billion (approximately KRW 4 trillion).

* Floating Liquefied Natural Gas (FLNG): A floating offshore plant equipped with natural gas liquefaction facilities. Constructed at a domestic shipyard and installed at the project site, it performs the liquefaction, storage, and offloading of natural gas produced from offshore gas fields.

○ For this project, the Korea Overseas Infrastructure & Urban Development Corporation (KIND), the Green Fund, and the Korea Ocean Business Corporation invested in a fund led by BlackRock (the world’s largest global asset manager) and participated as financial investors, supporting the financial structuring of the project and thereby helping Korean companies* secure the EPC (engineering, procurement, construction) contract.

* Samsung Heavy Industries has secured orders for six of the 10 FLNG units awarded worldwide (with three currently in operation and three under construction), and this additional contract is expected to further strengthen its leading position in the FLNG market.

○ The project will incorporate Korean companies’ environmentally friendly engineering technologies, including selective catalytic reduction (SCR), which reduces emissions by converting nitrogen oxides contained in exhaust gases generated from fuel combustion into nitrogen and water through a catalyst, and heat recovery steam generators (HRSGs), which maximize energy reuse by recovering waste heat and using it to produce steam and electricity.

< Project Overview >

○ **(Project Details)** The project will produce approximately 4.4 million tons of LNG annually in waters located about 74 kilometers off the coast of Louisiana, United States.

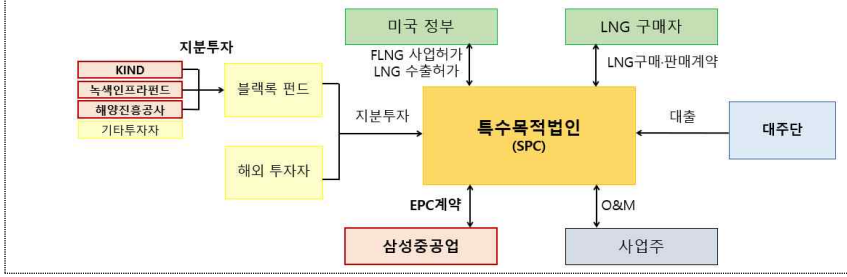
○ **(Total Project Costs)** USD 4.8 billion (approximately KRW 7 trillion)

* Samsung Heavy Industries EPC: USD 2.8 billion (approximately KRW 4 trillion)

○ **(Project Duration)** Five years of construction and 25 years of operation.

○ **(Investment)** KIND: USD 70 million (approximately KRW 100 billion); Green Fund: USD 30 million (approximately KRW 45 billion); Korea Ocean Business Corporation: USD 50 million (approximately KRW 75 billion).

< Project Structure Diagram >



지분투자	Equity Investment
KIND	KIND
녹색인프라펀드	Green Infrastructure Fund
해양진흥공사	Korea Ocean Business Corporation

기타투자자	Other Investors
블랙록 펀드	BlackRock Fund
해외 투자자	Overseas Investors
미국 정부	U.S. Government
FLNG 사업허가	FLNG Project Approval
LNG 수출허가	LNG Export Approval
LNG 구매자	LNG Offtaker
LNG 구매판매계약	LNG Sale and Purchase Agreement
특수목적법인 (SPC)	Special Purpose Company (SPC)
대주단	Lenders
대출	Loan Facility
삼성중공업	Samsung Heavy Industries
EPC계약	EPC Contract
사업주	Project Owner

□ This project is particularly significant in that it not only enabled Korean companies to secure a major infrastructure contract through close collaboration among private companies, three government ministries, and two public institutions, but also expanded the foundation for future entry into the U.S. energy infrastructure market.

○ Given that this project is an investment development initiative encompassing the entire process, from financing and construction to operation, it is expected to serve as a pivotal turning point in transforming the overseas construction sector from a traditional contract-based industry into a high-value-added, integrated industry.

○ Furthermore, considering that the manufacturing, shipbuilding, and assembly work will be carried out domestically, the project is also expected to contribute to revitalizing local economies through a ripple effect of contract opportunities for small and medium-sized enterprises and mid-sized companies.

□ This case illustrates that participation in major overseas infrastructure projects can contribute not only to winning construction contracts but also to enhancing supply chain resilience.

○ Accordingly, amid growing supply chain uncertainties stemming from the potential closure of the Strait of Hormuz, the government also plans to actively pursue the diversification of import sources and the strengthening of transportation networks through the securing of overseas infrastructure.

□ The government stated, “Government ministries and public institutions will work as one team, serving as partners to Korean companies advancing overseas on the strength of their technological capabilities. We also hope to actively identify future collaborative opportunities based on the partnerships with global developers established through these negotiations.”

○ The government also stated, “We will spare no policy support to help the overseas construction industry transform into a high-value-added sector that provides quality jobs,” adding, “In particular, we will strengthen our capacity to address global supply chain challenges by expanding overseas investments in infrastructure such as energy and ports.”

< FLNG >

▲ Overall View (Example)

▲ Principle

LNG 밸류체인 내 FLNG 역할	The Role of FLNG in the LNG Value Chain
Upstream 공급 및 운송	Upstream Supply and Transportation
파이프라인	Pipeline
FLNG	FLNG
선적, 액화, 하역	Loading, Liquefaction, and Offloading
LNGC	LNGC
운송	Transportation
FSRU	Floating Storage and Regasification Unit
최종 사용자	End Users

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