Air Products and Kiewit: working together on small Liquefied Natural Gas (LNG) projects in North America

Air Products and Kiewit have teamed-up to work together on smaller-sized LNG projects in North America. Specifically they will pursue opportunities on plants producing up to 500,000 gallons (45 MM SCFD) per day of liquefied natural gas (LNG). The companies will bring their strengths together for the benefit of LNG customers. Air Products with its LNG technology expertise and Kiewit’s project execution experience. Customers considering smaller LNG facilities will be able to take advantage of many benefits.

Numerous benefits to customers

• Rapid response on Request For Quote’s (RFQ’s)
• One stop shop for project execution—Lump Sum Turnkey (LSTK) LNG plants
• Air Products decades of experience in LNG & process plant technology
• Kiewit’s years of expertise in project execution
• Cost savings through standardized/modular offerings

Air Products LNG Technology

The majority of the total worldwide LNG is produced with Air Products’ technology. Air Products’ LNG process technology and equipment is the heart of an LNG production plant. The technology, in place at some of the most remote locations around the world, takes natural gas and unlocks its value by liquefying it and making it possible to economically ship it around the world. The LNG is eventually re-gasified for energy use. Air Products has designed, manufactured, and exported more than 100 coil wound heat exchangers for LNG projects around the globe over the last four decades.
In support of the LNG industry, Air Products provides process technology and key equipment for the natural gas liquefaction process for large export plants, small and mid-sized LNG plants, floating LNG plants and LNG peak shavers. Upstream, Air Products provides both nitrogen and natural gas dehydration membrane systems for offshore platforms.

**Kiewit Execution**

As one of North America’s largest direct hire contractors, Kiewit has proven engineering, and procurement experience. Every project we build has the support of the entire Kiewit organization; from our experienced staff and craft to our privately owned 25,000 units of equipment. When it comes to the construction of LNG plants, we self-perform multiple disciplines including marine, heavy civil, electrical/controls, and module fabrication. This allows us to maintain control over critical path scopes to ensure that the project is completed on schedule. By tracking and incorporating lessons learned into every project, we are developing small scale LNG reference plants that will improve the schedule and provide cost savings to our customers.

**About Air Products**

Air Products is a leading industrial gases company. For nearly 75 years, the company has provided atmospheric, process and specialty gases, and related equipment to manufacturing markets including metals, food and beverage, refining and petrochemical, and natural gas liquefaction. Air Products’ materials technologies segment serves the semiconductor, polyurethanes, cleaning and coatings, and adhesives industries. Over 20,000 employees in 50 countries are working to make Air Products the world’s safest and best performing industrial gases company, providing sustainable offerings and excellent service to all customers.

**About Kiewit**

Kiewit is one of North America’s largest and most respected construction and engineering organizations. With its roots dating back to 1884, the employee-owned, organization operated through a network of subsidiaries in North America and Australia. Kiewit provides engineering and construction services to a diverse range of markets including transportation, water/wastewater treatment, power, oil and gas, building, and mining. In 2014, Kiewit had revenues of $10 billion and employs more than 25,000 staff and craft employees.