



NORTH ADRIATIC LNG



Client:  **AkerSolutions**

Location: North Adriatic Sea

Construction Site: Cadiz & Algeciras Yard - Spain

Completion Date: July 2008

Contract Type: BOQ

Total Weight: 12,400 tons



Project Description: The Adriatic LNG Terminal Project is an offshore Liquefied Natural Gas (LNG) receiving and regasification terminal off of Italy's North Adriatic coastline. The facility will store and re-gasify LNG and export gas by pipeline into the Italian gas grid. The terminal will be located approximately 17 km east-northeast (ENE) of Porto Levante, Italy. The execution strategy developed for the ALNG Project is to construct the Gravity Based Structure (GBS) in a graving yard at Algeciras, Spain. The LNG Tanks will be fabricated and installed in coordination with the GBS. The Topsides will also be installed, mechanically completed and commissioned to the fullest extent possible in the Algeciras graving yard, prior to tow-out.



Scope of Work: Our SOW included the construction engineering, limited procurement, prefabrication, fabrication and construction, assembly, installation, testing, inspection, mechanical completion, support of system commissioning, load-out, sea fastening, and transportation of the Topsides Modules. Our SOW also included the integration of two 125,000 m³ LNG tanks and the topsides with the GBS structure. The Topsides Module Fabrication consists of three principal modules Open Rack Vaporizers (ORV), Boil Off Gas (BOG) Compressors, Power Generation and Utilities (PGU), Pre-Assembled Units (PAU's), Equipment Support Frames (ESF's), Structural Support Frames (SSF's) and side-wall structures and hook-up/interconnecting components between Modules and Off-Module components.