

14 February 2019

PRESS RELEASE

ALE COMPLETES CHALLENGING 1,000KM DELIVERY OF WIND COMPONENTS IN THAILAND



Demonstrating their expertise in logistics, civils works and the complete turnkey solution, ALE has completed the transportation of heavy wind components through a challenging 1,000km route to the Rom Klao wind farm in Mukdahan, eastern Thailand.

Starting in April 2018, ALE was contracted for the full-service package: the transportation, craneage and installation (TCI) scope of 13 wind turbines, measuring up to 5.4m in diameter and weighing up to 125t. With a hub height of 162m, these will be the tallest wind turbine generators (WTGs) in South East Asia.

This project faces numerous challenges, including the sheer size and scale of the WTG components as well as the logistics and routing of components over such a vast distance, with varying obstacles and levels of infrastructure across the country that requires additional civils work.

In order to overcome these challenges, ALE has utilised their local routing and engineering expertise, and invested in specialist wind equipment, such as the unique RA4 tower clamps and the new K1650L tower crane. Manufactured specifically for the company to transport larger and heavier components, the tower clamps enabled ALE to comply with the local weight and height restrictions. Similarly, the tower crane was used as a cost and time effective solution to install the WTGs.

“This is a complex scope of work and route to be undertaken. The new tower clamps enabled us to overcome the large diameters of the tower sections and reduce the travelling height to pass under the restrictions on route. Combined with the tower crane, our equipment and methodology has driven project efficiency,” explained Project Manager Matt Thomson.

“We are really pleased to be involved in a project of this scale. It really showcased how we brought together different expertise within the Group to achieve the safe and successful completion of every stage.”

ALE completed the full TCI scope in January 2019.

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Issued by the ALE Press Office. For more information or images, please contact Sarah Maia on (+44) 1782 977146 or email s.maia@ale-heavylift.com

Image 1: ALE uses the unique RA4 tower clamps to transport the blades.

Image 2: ALE uses the K1650L tower cranes installation wind tower sections.

Notes to editors:

ABOUT ALE

ALE delivers a highly tailored, end-to-end service covering every aspect of the handling, transportation and installation of heavy, indivisible loads, including lifting, transporting, installing, ballasting, jacking and weighing.

ALE provides strategic heavylift services to a wide range of sectors, including civil, oil and gas, energy, nuclear, offshore, renewables, petrochemical, ports, marine, minerals and metals and mining.

ALE has more than 30 offices across Europe, the Far East, Africa, America, South America, the Middle East and Australia. It is fully compliant with international standards of safety and excellence, including Quality standard ISO 9001:2015, Environmental standard ISO 14001:2015, and Health and Safety Standard OHSAS 18001:2007. Further information can be found on the ALE website at www.ale-heavylift.com.