



AL FARIS

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PRESS RELEASE

AL FARIS GROUP
Head Office: Dubai, UAE

FOR IMMEDIATE RELEASE

Supporting the EXPO 2020 project with our engineering and heavy lifting expertise!

We were recently awarded a project on the EXPO 2020 site to lift and install 42 structural steel elements of the falcon inspired UAE pavilion structure.

This project was completed in different stages.

Al Faris provided our client with a complete solution for lifting and installation of structural steel elements of length varying from 24m to 46m. The weight of each unit ranged from 8t to 55t. After careful consideration and study, the Liebherr 1000t crawler crane was used due to the long working radius requirement for the installation.

For the final stage, our Liebherr 750t all terrain mobile crane was used to lift and install the oculus structure at the centre of UAE pavilion roof top.

All surveys, planning, technical support documentation, execution plans and schedules were prepared in-house prior to job execution. This helped organize all activities smoothly with minim delays. Execution was safely carried out by our trained operators.

We also provided a strong commitment and focus to adhere to best QHSE practices on-site which was discussed in detail with the client prior to the commencement of any operations.

CHALLENGES

- Limited congested area for the placing of the crane due to adjacent ongoing projects
- Restricted time and area for the assembly and dismantling of crane
- Long working radius (132m) along with strong winds
- Lifting gear selection as the structures had to be lifted at a given specific angle
- Steel mats were fabricated for maintaining the ground pressure to meet the site requirement

***Crane used for lifting** - LR 1000 crawler crane with 156m main boom

- LTM 1750 9.1 with S/L and Luffer

For media related queries and other press releases contact ninoshka@alfarisuae.com