

## Tideland range lanterns for Ruwais Sulphur Expansion project

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Tideland Signal has won a contract to supply three of its solar powered RLED-170 range lanterns for the Ruwais Sulphur Expansion project (Phase III) owned by Abu Dhabi Refinery Company ( TAKREER).

Takreer has selected Tideland's state-of-the-art RLED-170 range lanterns for the new loading jetty berth at Ruwais, because of their exceptional efficiency and reliability. These range lanterns are supported by a stand-alone solar power system and will be installed on 15 to 20 metre-high steel towers provided by the contractor.



Tideland offers the RLED-170 in 20W and 40W versions, which are capable of achieving ranges of 18Nm and 20Nm respectively. The 40W option is equipped with two redundant power supplies, each providing 50% back-up. Both power options feature variable power settings for field intensity control.

A choice of spreader lenses from 6° to 24° is available to allow a single RLED-170 to be used to mark a number of different channels. Conventional installations utilize two RLED-170s, one above the other so that mariners can establish a centre line by keeping the lights vertically aligned as they enter a channel, river or canal. Manufactured from hard anodized aluminium, RLED-170 is built to withstand the harsh marine environment.

Anish Prabhakaran of Tideland Signal commented: "Takreer is an established customer of Tideland's and, having bought our self-contained lanterns in the past, they know they can rely on our product and the support we offer. They chose the RLED-170 over a cheaper competing product."

# NEWS

Tideland Signal



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Located in the United Arab Emirates, the Ruwais refinery is owned by ADNOC, though its subsidiary, The Abu Dhabi Refining Company (Takhreer). The "Ruwais Refinery Expansion Project" covers the construction of two parallel trains for the distillation of condensate from Onshore Gas Development and Asab Gas Development Projects.

Under the project, a new approach channel has been dredged as well as a turning basis and berth area for the navigation of Panama size bulk carriers (DWT up to 65.000 Tons). The existing port is also being deepened to 15m.

Approved to ISO 9001:2008, Tideland Signal Limited is a British-based member of the Tideland group of companies, which specializes in the design and manufacture of aids to marine navigation. The Tideland group is independently owned and has its headquarters in Houston, Texas.

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