

ABB to improve uptime and reduce maintenance costs for unmanned oil platforms

Zurich, Switzerland, February 24, 2016 – Integrated electrical and communication solutions to increase productivity at seven unmanned oil platforms off the UAE coast

ABB has won orders from National Petroleum Construction Company (NPCC) for the delivery of electrical and telecommunication systems to the Al Nasr Full field Development Project in Abu Dhabi, the United Arab Emirates. The orders are worth around \$18 million and they were booked in the fourth quarter of 2015.

The solutions from ABB will enable NPCC to fulfill its obligations to Abu Dhabi Marine Operating Co. (ADMA-OPCO), which includes safe operation of seven wellhead towers located approximately 130km northwest of Abu Dhabi City. Coupled with [last year's orders for the project](#), ABB will deliver a seamless electrical distribution system, including power-from-shore, covering the complete Al Nasr oil field. The new orders bring the total order volume for ABB on the project to more than \$120 million.

ABB will provide electrical equipment, power management and telecommunication systems to ensure the highest levels of efficiency, reliability and safety for the project.

“Tight power and automation integration is a key element of ABB’s Next Level strategy to ensure safe, reliable and efficient operations for our customers,” said Peter Terwiesch, President of ABB’s Process Automation Division. “These continuing orders affirm the strength of our long-standing relationship with Hyundai Heavy Industries and NPCC for this project.”

Maintaining continuous energy supply and ensuring process uptime are critical in the oil and gas sector. ABB’s power management system will use ABB’s [market-leading control System 800xA](#), which seamlessly integrates all components of the vast electrical system, enabling remote operators to control the network safely and efficiently. An intelligent asset management system for predictive maintenance will further reduce operating costs and extend service life as it reduces the risk of failures and/or unexpected shutdowns.

ABB will supply 11 kV and 6.6 kV air-insulated and low voltage switchgear that continually provide data to verify and ensure a high level of safety, availability and reliability. ABB is also providing a fully integrated telecommunication system to the super complex for internal and external communication and field security. Key products are computer networks, electronic personnel tracking, camera system, radar, public address and general alarm systems, access control, telephone system, radios and a transmission system between platforms. Delivery is scheduled for the second half of 2016.

ABB has supported the Al Nasr Full Field Development Project from the concept stage, through front-end engineering and design and now the construction phase. The scope of supply includes design, engineering, supply, and supervision of installation and commissioning.

About ABB

ABB (www.abb.com) is a leading global technology company in power and automation that enables utility, industry, and transport & infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 135,000 people.

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