

ABB helps Nexen CNOOC Ltd maximise oil production in the North Sea

ABB wins a service contract to deliver non-disruptive lifecycle performance of the Integrated Control and Safety System (ICSS) onboard the largest oil producing asset in the UK Continental Shelf

Nexen CNOOC Ltd is an upstream oil and gas company responsibly developing energy resources in the UK North Sea and further afield. Nexen CNOOC Ltd operates the Buzzard oil producing platform which is the largest oil producing asset in the North Sea and the performance of the ICSS is therefore critical to safely maintain the platform's level of productivity.

“This contract demonstrates Nexen CNOOC Ltd's willingness to enter into a long term relationship with ABB. This is extremely positive and collaboration will be the key to the success of the contract. I am delighted that we are delivering more of our advanced services which are a key differentiator in the marketplace and generate significant value to our customers”

Troy Stewart, Head of Chemical, Oil & Gas Service UK

Scope of Supply

The contract will provide healthcare maintenance and engineering services for Buzzard's ICSS which includes the following:

- **Service Desk.** Upgrading of core service and emergency support to latest Chemical, Oil & Gas standard: “Service Desk” providing 24 by 365 technical support, solution escalation, handling, tracking and reporting.



Nexen's Buzzard platform

- **ServicePro.** Service Management System. Proprietary ABB software collecting, managing and applying global best practices for automation and process service activities to improve reliability, ensure compliance and increase return on investment.
- **System Maintenance Management.** An orderly and systematic approach to maintaining optimal performance and security of the ABB system: providing recommendations for implementation of system enhancements, hot fixes and anti-virus definition.
- **ServicePort.** Remote Services Delivery Platform for system and process optimisation. Designed with security at each level of its architecture, it allows ABB's advanced services to be configured and delivered remotely by securely connecting to world-class ABB expertise without mobilising to the platform.
- **Offshore Healthcare Support.** 2 engineers providing back to back support offshore, an existing service continued into the new contract.
- **Onshore Healthcare Engineer.** Dedicated onshore service support engineer for the customer.
- **Sentinel.** ABB's product for licensing of service support, an existing service continued into the new contract.
- **Spares Management.** Audit and management of spares; capturing monthly activity; reporting monthly activity with explanation and root cause analysis on failures.
- **Plantguard, Hima-Sella, Autronica Support.** ABB providing level 1 support of these products.
- **Dedicated, Secure, ABB/Nexen Collaboration Room and Reference System.** The implementation, support and growth of a dedicated, secure Nexen development room at ABB Aberdeen. This will hold an improved

reference system for Buzzard and is key for the customers long term onshore support strategy.

- **Training Allowance.** Allowance to attend level 1 supplier courses.
- **Technical Delivery Manager.** 1 full time manager, dedicated to service and engineering delivery for Buzzard, an existing service continued into the new contract.
- **BEQ engineering management process definition,** providing detailed multi BEQ deployment analysis and planning.
- **Contract management.** Supervision of all above activity and reporting on status of progress on all contract elements. Kick off meetings, KPI agreement and gathering, regular reporting and reviews.



Benefits

ABB's support contract for Buzzard's ICSS helps to maximise the reliability of the platform in order for it to maintain its current production of oil. The full scale replica of Nexen's offshore control system in the staging area of the Aberdeen office will allow ABB to perform thorough testing of software and its integrity prior to release on site. This facility will also enhance the preparation for planned offshore visits and will improve the level of operational support provided from base to facilitate technical troubleshooting and maintenance.

For further information please contact:

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