PROJECT DESCRIPTION:
ENGlobal procured, integrated and factory tested a fully automated driller’s cabin with operator control console allowing for joystick control of RIG operations utilizing PLC technology. Touch screen controls provide state-of-the-art monitoring and control of rig equipment and drilling parameters.

PROJECT ACCOMPLISHMENTS:
• Met all requested schedules and budget constraints and exceeded customer expectations including accommodating significant changes in engineering, integration and testing scope.
• Received high marks for safety and craftsmanship by our client.
• ENGlobal personnel performed a complete Driller’s Cabin electrical / mechanical factory acceptance test (FAT) to customer’s complete satisfaction within a one (1) day window.

SCOPE OF WORK
Each Driller’s cabin consisted of the following major equipment:
• Extreme duty crimped plate style shelter
• High efficiency LED lighting, including green lighting for night vision
• Industrial HVAC with remote ethernet monitoring/diagnostic capability
• Motor control centers
• 3,000 HP FVDs including PLC controls and integral VFD cooling
• Custom designed driller chair with joystick controls and (8) HMI interface control panels
• Full plug and play interconnect panel