A photograph of an industrial wellhead or valve assembly, featuring a vertical stack of pipes and valves with red handwheels, set against a clear blue sky. The image is overlaid with a dark gradient to make the white text stand out.

# 05 ELECTRIC SUBMERSIBLE PUMPS & CABLES

PROCUREMENT  
OPPORTUNITIES

# **ELECTRIC SUBMERSIBLE PUMPS (ESP) & CABLES**

THE FOLLOWING TWO SPECIFIC PRODUCT GROUPS WITHIN THIS CATEGORY OFFER LOCAL MANUFACTURING POTENTIAL

**Electric Submersible Pump (ESP) system**

**ESP Cable**

# ELECTRIC SUBMERSIBLE PUMP (ESP) SYSTEM & CABLE

## Overview



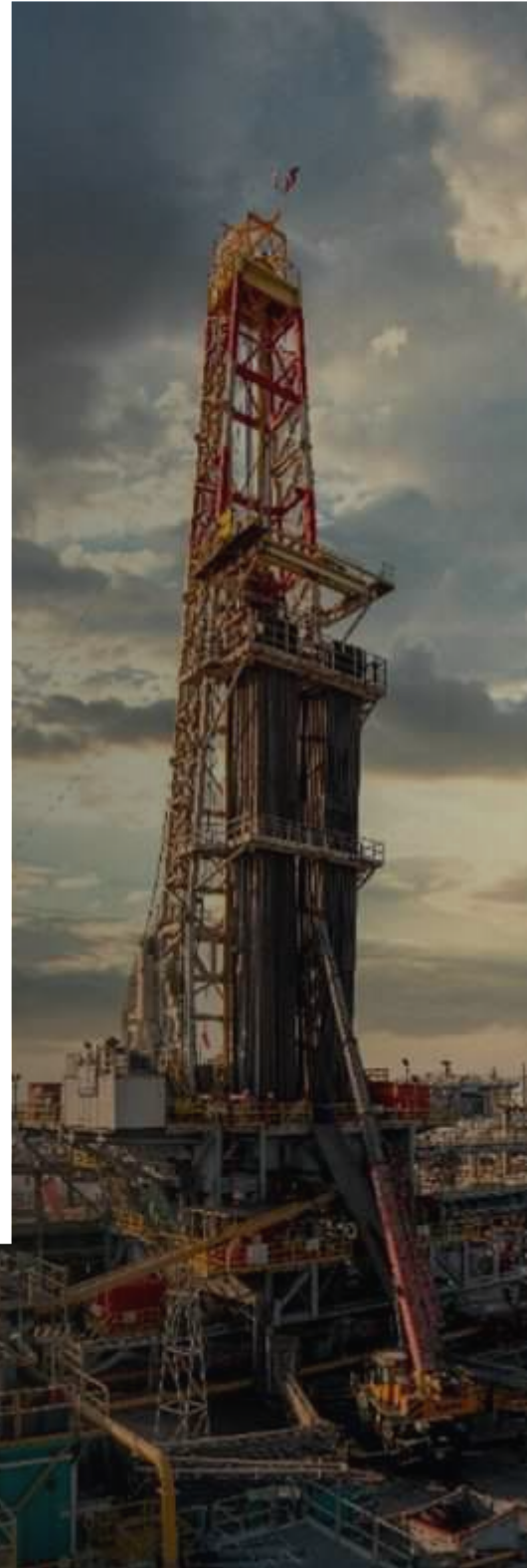
### Opportunity

- Artificial lift is a main element of ADNOC's future, and it will be the core activities for both brown fields and green fields
- It is expected that 50% of the produced oil by 2030 will be by use of artificial lift methods
- Manufacturing and / or assembly of ESP pumps, ESP protectors, ESP motors, ESP cables, Variable speed drive



### Applications

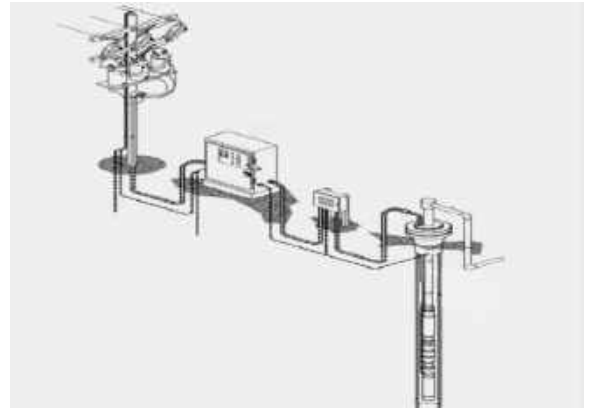
- ESP technique is one of the main ADNOC Onshore artificial lift methods
- Utilized in oil and water wells,





# ESP SYSTEM

The ESP system consists of several components. Although currently ESP is already being assembled in the UAE, most of the components are being imported. There is an opportunity to manufacture these components within the UAE.



ESP System Components	Current Local Fabrication %	Description	Potential Fabrication Increase %	Description	Remarks
ESP pump	20%	Assembly	80%	Stages manufacturing	Potential to leverage local manufacturing and assembly in the UAE to manufacture the components that currently are being imported.
ESP protector	0%	No activity	30%	Assembly	
ESP motor	0%	No activity	30%	Assembly	
ESP cable	0%	No activity	100%	Manufacturing	
Variable Speed Drive	0%	No activity	30%	Assembly	