

PROCUREMENT OPPORTUNITIES ASSOCIATED WITH SPECIFIC PRODUCT CATEGORIES



Piping, Fittings &
Valves



Pipelines, Hot Bends
& Cladding



Drilling Equipment



Drilling Fluids



Electric Submersible
Pumps (ESP) & Cable



Instrumentation,
Controls & Telecoms



Electrical



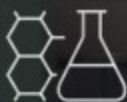
Offshore Structural
Materials



Mechanical
Equipment & Parts



Maintenance, Repair
& Operations



Chemicals



Technology



Green Hydrogen
Supply Chain



MV Switchgears & Contactors

**Variable Speed Drive Systems:
LV/MV**

Batteries



Overview

Opportunities to manufacture MV switchgears & contactors in the UAE:



Opportunities

- Currently, there is minimal local manufacturing for MV Switchgears (SMBL1 33kV), circuit breakers and contactors within the UAE
- There is significant demand for new and replacing obsolete switchgear



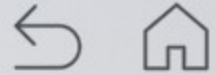
Applications

- MV Switchgear plays a significant role in the modern electrical networks right from generating stations, various transmission substations at different voltages, distribution substations and loads
- A circuit breaker is used as a main part of switchgear and distribution board for controlling and protecting electrical power systems
- The most common application area of the contactor is a high-current load for switching an electrical circuit on or off



ADNOC Standards/Specifications Requirements

- ADNOC Air Insulated High Voltage Switchgear specification AGES-SP-02-003
- ADNOC Gas Insulated Switchgear and Controlgear 1KV - 52KV Specification AGES-SP-02-005
- IEC 60947, IEC 62271



Overview

Opportunities to manufacture Variable Speed Drive Systems: LV/MV in the UAE:



Opportunities

- Currently, there is limited local manufacturing for LV and MV Variable Speed Drive Systems within the UAE
- This opportunity represents high demand for a Hi-Tech product



Applications

- Variable Speed Drives are widely used to control motor speeds like pump speeds, compressor speeds, blower speeds other applications that require variable speeds with variable torque



ADNOC Standards/Specifications Requirements

- ADNOC Electrical Adjustable Speed Drive System Specification AGES-SP-02-004



Electrical

Batteries



Overview

Opportunities to manufacture batteries in the UAE:



Opportunity

- Currently, there is very limited local manufacturing for batteries within the UAE



Applications

- The local demand for batteries market is expanding because battery storage technologies are essential to speed up the replacement of fossil fuels with renewable energy



ADNOC Standards/Specifications Requirements

- ADNOC Static Uninterruptible Power Supply AGES-SP-02-009