

A silhouette of a tall electrical tower against a sunset sky. The tower is made of metal lattice and has various components like pulleys and cables. A person is visible at the base of the tower, working. The sun is low on the horizon, creating a bright glow and lens flare.

07 ELECTRICAL

PROCUREMENT
OPPORTUNITIES

ELECTRICAL

THE FOLLOWING THREE SPECIFIC PRODUCT GROUPS WITHIN ELECTRICAL OFFER LOCAL MANUFACTURING POTENTIAL

Batteries

Variable Speed Drive Systems

LV/MV

MV
Switchgears &
Contactors

MV SWITCHGEARS & CONTACTORS

Overview



Products

- Currently there is very limited local manufacturing for MV Switchgears (<33kV), Circuit Breakers and Contactors within the UAE
- There is significant demand for new and replacing obsolete switchgear



Opportunity

- MV Switchgear play a significant role in the modern electrical networks right from generating stations, various transmission substations at different voltages, distribution substations and loads
- 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 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



VARIABLE SPEED DRIVE SYSTEMS: LV/MV

Overview



Products

- 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



Opportunity

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



ADNOC Standards / Specifications Requirements

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



BATTERIES

Overview



Products

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



Opportunity

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



ADNOC Standards / Specifications Requirements

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

