

# Residential Development for EMAL Operators

## Client

Abu Dhabi Ports Company

## Scope of Work

Conceptual design  
Schematic design

## Location

Abu Dhabi, UAE

## Types of Activities

Architectural  
Civil works  
Electrical  
HVAC  
Mechanical  
Structural

Emirates Aluminum Company Limited (EMAL) development is the world's largest aluminum smelter project, and the largest industrial project in the UAE outside the Oil and Gas sector. The Project embraces the concept of establishing a self-sustainable living environment for EMAL operators working inside KIZAD with standards higher than the typical labor accommodation.

The project is located on a greenfield site in Al Taweelah, Abu Dhabi, and mainly comprises residential clusters to accommodate 1,375 residents. This approach to the project will be achieved through phasing strategy in which phase 1 of the project accommodates 825 residents while phase 2 accommodates 275 residents and phase 3 accommodates 275 residents.

The project's main components are residential accommodation buildings comprising residential

accommodation with nominal size of 20.25 m<sup>2</sup>, laundry room, common recreation area, refuse room and IT room, common toilets and showers amenities, storage and janitor rooms; cafeteria with a capacity of 400 people; mosque (520 m<sup>2</sup>) to accommodate 400 prayers and car park for 50 vehicles; multi purpose hall to accommodate 1,000 persons; commercial center building comprising laundry, supermarket, barber, travel agent, tailor and ATM; security and facilities building comprising security office, administration offices, medical center, visitor's center (for 100 people), common reception, waiting area and toilets; indoor recreation facilities building comprising club house, gymnasium and multi-purpose sports hall; outdoor recreation facilities (semi-olympic outdoor swimming pool, multi-purpose field (football, cricket and hockey), sports equipment store and grandstand seating (up to 150 people); workshop and car and bus parking area.

