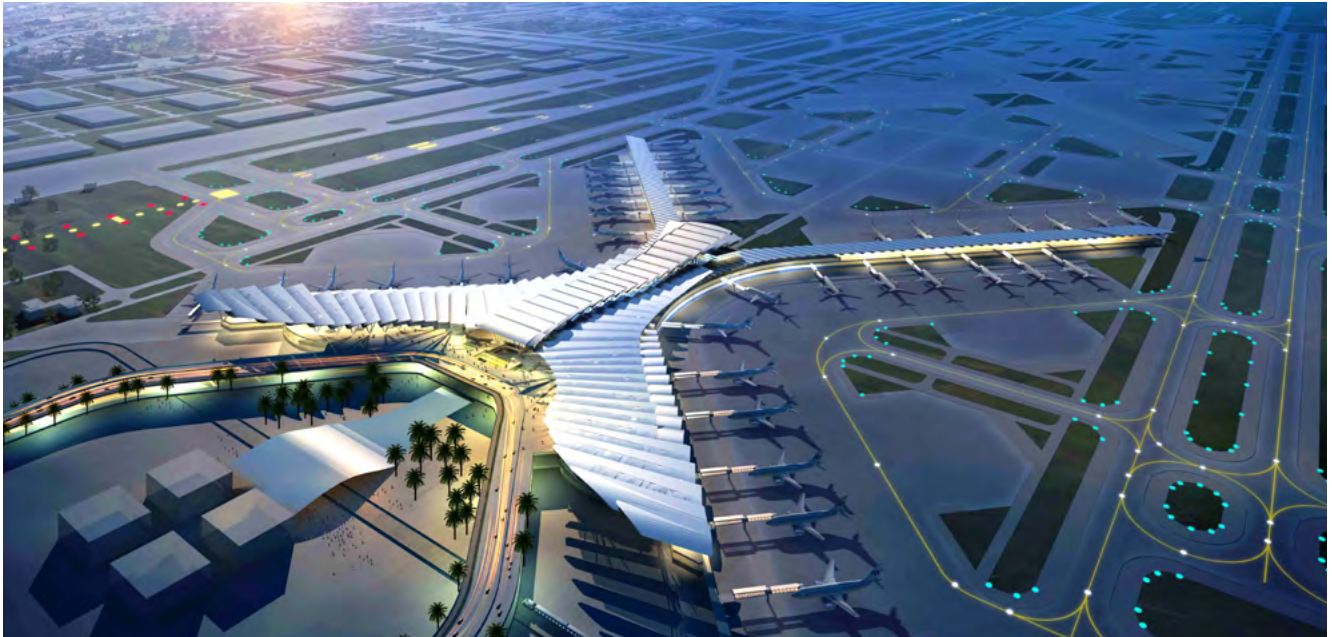


FOUNDATION ENGINEERING

King Abdulaziz International Airport Development Project (Arterial 4 Tunnel)

AIRPORTS • DIAPHRAGM WALLS • GROUND ANCHORS • ROTARY BORED PILES • DEEP EXCAVATION



Client

General Authority Of Civil Aviation (GACA)

Consultant

Dar Al Handasah

Main Contractor

Huta Foundation Works Ltd.

Location

Jeddah, Kingdom of Saudi Arabia

Start Date

July 2012

Completion Date

October 2012

Project Details

Installation of 800 mm thick Diaphragm Wall (13,200 m²) to depths of 22.0 m to 31.0 m.

Diaphragm Wall Length : 509.6 m
(including supply & installation of tie-back anchors)

Total Anchor Length : 14,735 m

1200 mm dia. pile: 106 nos., drilled to a depth of 45 m

