

D'SECO OVAL TOWER

Enabling Works

Business Bay, Dubai, UAE

Owner: DSEC Corporation FZC
 Engineer: WS ATKINS & PARTNERS OVERSEAS
 Main Contractor: PUMYANG Construction Co. LTD./
 Al Dseco General Contracting
 Completion Date: January 2008 / Dewatering Nov. 2008



PROJECT DESCRIPTION

Oval Tower is a land mark office building located at Business Bay on an area of 4800 m² , consists of 2 basements, Ground, 19 floors

The project is awarded to SOILTEC as a full enabling works package including Design and Execution of Shoring, Bored Piles & Dewatering works in addition to necessary Preliminaries and Excavation Works.

Works was permitted and inspected by Civil Engineering Department of Jabel Ali Free Zone Authority JAFZA



QUALITY CONTROL

All material inspected and certified by a third party lab and each delivery of ready mix concrete was inspected at site for its Temperature and Slump.

3 Static Load Tests to 150% of working loads were carried out, Sonic Coring tests were applied for 10% of working piles, Dynamic Loads Tests for 5% and Integrity Tests for 100% of working piles.

SCOPE OF WORKS

Shoring System: H Beams Wall
 Shoring Quantity: 220 lm
 Bored Piles Diam.: 800 & 1200 mm
 Bored Piles Quantity: 3312 lm
 Bored Piles Depth: 20 m
 Excavation Depth: 8.8 m
 Excavation Quantity: 50,000 m³
 Other Works: Ground Anchors
 Dewatering

