

FOUNDATION ENGINEERING

Mina Zayed Wheat Silos

Expansion Project

INDUSTRIAL • ROTARY BORED PILES



Client

Silal Food & Technology LLC

Consultant

Cosmos-E Engineers & Consultant

Main Contractor

Amana Contracting & Steel Building Company

Location

Abu Dhabi, UAE

Start Date

June 2022

Completion Date

Aug 2022

Project Details

The project consists of building additional concrete storage silos with 200,000 metric ton capacity in Mina Zayed. NSCC's scope of works included:

Rotary Bored Piles

750 mm dia. piles : 960 nos., to a depth of 17 m
Total length drilled : 18,681 LM

Preliminary test piles : 2 nos.
750 mm dia. reaction piles : 19 nos.
750 mm tower crane piles : 16 nos.

Concrete volume : 10,217 m³
Reinforcement steel : 1,214.96 tons
Sonic coring tests : 97 nos.