



Golden Sugar Company Limited - Sunti Project MI-12123



Client: Flour Mills of Nigeria PLC
Location: Mokwa, Niger State, Nigeria
Period of Execution: February 2014 - December 2014
Contract Value: 3,578,030 EUROS

INTRODUCTION

With Nigeria producing an abysmal 2% of its total sugar needs exacerbated by a growing need for large volumes of sugar by various industrial consumers in the country, the need for Sunti Sugar Factory could not have been more pertinent. Prior to the inauguration in May 2016, industrial sugar was imported. Taking advantage of the vast, fertile lands on the shoreline of the Niger river, Flour Mills Nigeria invested in cane sugar farming and processing to produce over 100,000 tonnes of raw sugar annually, taking advantage of the newly dredged Niger river to transport finished products across Nigeria. The factory generates its own electricity, is also expected to add 3,000 direct jobs and about 15,000 indirect jobs to the economy, and save over \$50 million annually in foreign exchange for the country.

JOB DESCRIPTION

Designs for the factory were carried out by Alexopulous VAS. Alexopulous in Greece, while the civil works were awarded to ENPTECH Nigeria Limited. Contracts for Piles Installation were awarded to Terratest, using reinforced and non-reinforced CFA piles. Technical support is being

provided for the day to day running of the factory by Booker Tate. The technical department of Flour Mills of Nigeria undertook direct supervision of the project. Final investment decision was taken for the project in 2013 and work commenced in February 2014.

WORK QUANTITIES

- 1100 Reinforced CFA Piles of varying depths (from 10 to 18 meters) and dimensions (400mm, 500mm, 600mm, 800mm).
- 240 Non-reinforced CFA Piles 600mm diameter at depths ranging from 6m to 24m
- 3 Static Load Tests
- Pile Integrity Tests on all piles

JOB EQUIPMENTS

- 1 IMT 200 CFA Rig
- 1 SoilMec CM48 CFA Rig
- 2 CAT 325 Excavators
- 2 10 Ton Cement Mixers



2014

CFA Piles



