

# Extension of Vinavil Egypt Plant

## Client

Vinavil Egypt for Chemicals S.A.E.

## Scope of Work

BODR  
Detailed Design  
Tender Documents  
Tender Action  
Construction Supervision

## Location

Egypt

## Types of Activities

Civil  
Electrical  
HVAC  
Instrumentation and Control  
Mechanical  
Piping  
Structural

Over a land strip with road front of 50 m and area of about 50 m x 110 m, and with a total built-up area of 1,650 m<sup>2</sup>; the extension comprises a production area, new cooling tower, finished products tanks, and external tank farm with a total number of 15 tanks and vessels (2 with storage capacity of 1,000 m<sup>3</sup>, 2 with storage capacity of 150 m<sup>3</sup>, 3 with storage capacity of 90 m<sup>3</sup>, 2 with storage capacity of 160 m<sup>3</sup>, 1 with storage capacity of 60 m<sup>3</sup>, 2 with storage capacity of 50 m<sup>3</sup>, 1 with storage capacity of 6 m<sup>3</sup>, 1 with storage capacity of 4 m<sup>3</sup> and 1 with storage capacity of 2.4 m<sup>3</sup>).

Scope of works covers piping and instrumentation diagrams, process piping systems, instrument list, instrument loop diagrams, instrument cable schedule, MTO, instrument wiring diagrams, control room layout, firefighting and F&G detection systems, in addition to dike walls, pipe rack, and utility expansion.

