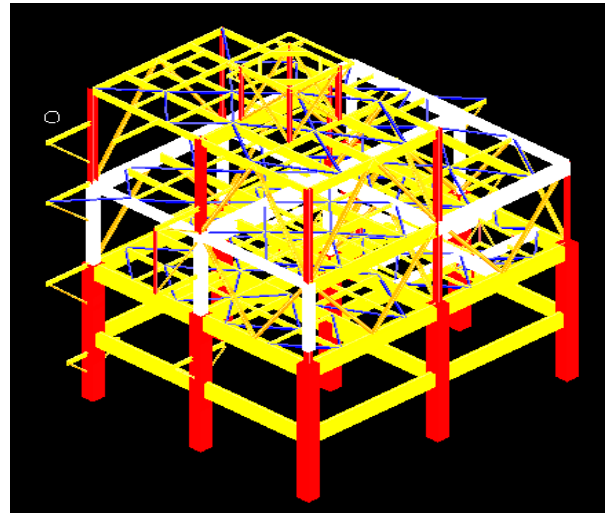


Detailed Engineering for a Petrochemical Plant

A world class Engineering and Construction group in Canada with international experience providing total solutions to Oil & Gas, Metals & Mining, and Energy projects selected Rolta to do detailed engineering for a Petrochemical plant in the Middle East.

Rolta was selected for its deep knowledge of the Engineering and design tools, a large readily available talent of resources, and its ability to share peak load. In order to meet the stringent project requirements, the EPC collaborated with Rolta for Detail Engineering, 3D Modeling, Isometrics and Report generation. Rolta executed this project in an Onshore/Offshore delivery model.



Rolta successfully completed the world class project saving 20% of typical cost to the EPC, by utilizing over 100 engineers and over 220,000 engineering man hours. Rolta was able to meet the stringent project timeline requirements by increasing the engineering resources on short notice while still completing the project in 12 months.

About Rolta

Rolta International, Inc. is a U.S subsidiary of Rolta India Limited, a multinational engineering consulting organization that has executed projects in over 35 countries over 25 successful years. With more than 5,000 professionals around the globe, Rolta is a leading provider of engineering design services and developer of information technology-based, software development, advanced security and network management, and enterprise resource planning (ERP) consulting and deployment services worldwide. With an unrelenting focus on client perspectives for success resolution, Rolta offers a complete range of advanced engineering design services for cost-effective and state-of-the-art solutions tailored to suit the specific needs of manufacturing and engineering customers.

Scope:

- Detailed engineering for small-bore piping, including component catalog development
- 3D Modeling of entire plant consisting of 8,000 lines
- Modeling of over 1,500 pieces of equipment
- Related Structures, Pipe racks, buildings, underground facilities including more than 1000 Foundations
- Output documents - Isometrics for all the piping lines, Piping GADs and MTOs.
- Developing Interference Checker and Analysis reports
- Complete plant review in SmartPlant Review