

Case study: Furnace Fabrica (India) Ltd

Furnace Fabrica switches to Powerproject for ease of use and better cash flow management

Powerproject has the edge

Furnace Fabrica started using Powerproject 18 months ago when a company-wide strategic objective was put in place to centralise its project planning processes.

“We wanted to improve our project planning processes to give us much more detail and control over projects. Our strategic aim was to have a centralised project planning system, allowing us to access and assess the status of each project and analyse the corrective actions to take to overcome delays, cost overruns, and so on, and enable all stakeholders to make better, more informed decisions.

Furnace Fabrica (India) Ltd. is one of the world’s leading engineering, procurement and construction (EPC) companies specialising in the Oil and Gas industry. Over the past 30 years it has amassed extensive experience of executing projects in the iron and steel, zinc, copper, aluminium, sulphuric acid, power, chemical, cement, petroleum and petrochemical industries. It has provided quality engineering and construction services that span the delivery of a single piece of equipment to large-scale, turn-key plant construction, commissioning and training.

Construction has always been at the heart of Furnace Fabrica’s operations. Its reputation for

excellence, with value for money, is founded on its faith in the importance of managing projects using professional project management methodology and best practices, developed over many years. Like other construction projects, specialist plant projects must also deal with the risk of quality, time and cost. But a large-scale, power or chemical plant project, field surface facility involving producing wells, oil gathering manifolds, or water supply wells and injectors spread across existing fields, by their very nature require a high level of very careful planning, tight scheduling and strict monitoring to avoid risk. Ensuring that stringent safety practices are met is paramount.





We came across Powerproject through the local reseller. We had been using Oracle Primavera and MS Project, but decided that Powerproject had the edge over them in terms of its user friendliness and its cost and income management functionality, which would enable us to better manage cash flow,” explained Mr Shashikiran Prasad, Designation Director.

Project management teams have more control

Furnace Fabrica has highly skilled and experienced teams who organise, schedule and integrate all the individual elements of a project, of which there can be thousands. It follows a task-force-based approach where a team is assigned to a project and takes full responsibility.

“We use Powerproject mostly for resource management, cost management and tracking. Since putting the software in place our project manager teams have been able to track, monitor and control projects much more tightly. They are able to put a lot more detail into schedules which helps them to better understand cash flow and resource management.”

The software is used to manage both domestic and overseas projects; some

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of the most notable and successful include:

- Bharat Petroleum Cooperation Limited - Pressure Vessels for Kochi Refinery
- Indian Oil Cooperation Limited, Haldia - Combined Work Station, Augmentation of Fire Water system, Haldia, Korba and Khunti
- Lambion Energy Systems -Fabrication of Power Plant Boiler
- Oil India Limited - Civil and Structural works for various Pumping Stations

“As well as its resource and cost management functionality, what we have found particularly useful about Powerproject is its tight integration with Excel for reporting, and its macros

that generate S-curves, allowing us to display cumulative costs, labour hours or other quantities plotted against time. It also produces very presentable project plans.”

Dynamic projects need software that can cope with change

Furnace Fabrica is particularly successful at executing large-scale Oil and Gas projects outside of India; it has a network of construction resources and knowledge of local regulations and construction codes which allow it more efficiently to mobilise equipment and construction teams. This has gained it familiarity with the intricacies of managing a work force under challenging conditions, whether at home or abroad.

“Oil and Gas projects are dynamic in nature; project scope changes frequently and the incorporation of these changes into design and planning is an ongoing and challenging task. The Oil India project in North East India was one of our more challenging projects because of the weather conditions and problems of accessibility, which compromised timely completion. Powerproject helped us with close tracking, highly detailed planning and

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Furnace Fabrica designs the installation, procures the necessary materials and builds the project – it offers a total solution EPC contract. Clients depend on it to deliver complex and challenging construction projects around the world, on-time and within budget. Using proven systems, work processes and its central, company-wide project management tool, Powerproject, it is able to provide the best possible results for them.



About Furnace Fabrica (India) Ltd

Furnace Fabrica (India) Ltd. is an engineering, procurement and construction (EPC) company, specialising in the oil and gas industry. It has extensive engineering and

construction experience and more than 60 EPC projects to its credit around the world. Hundreds of operating installations stand testimony to the company's proven track record. It offers an entire range of services from single equipment to large turn-key plant construction, commissioning and training.

More about Furnace Fabrica can be found at www.furnacefabrica.com.

About Elecosoft UK Ltd

Elecosoft UK Ltd is a leading international developer of project, portfolio and resource management software. Its core product, Powerproject, provides solutions for managing any size and any type of project and is widely recognised as one of the world's leading project management software solutions for construction.

Elecosoft UK Ltd is a part of

Elecosoft plc, a holding company focused on software development and services for architectural, engineering and construction industries. The company is listed on the London Stock Exchange's Alternative Investment Market (AIM).

More information about Elecosoft UK Ltd and its products can be found at astapowerproject.com and information about Elecosoft plc can be found at elecosoft.com.