

Solutions for the Power Generation Industry

USA | India | Italy | UK | Germany | China | Japan



QuEST provides product development and engineering solutions for power generation equipments such as turbines (gas / steam / hydro), compressors (centrifugal / reciprocating / screw), hydro generators, and related accessories for hydro-electric, fossil fuel, and wind based power generation plants. The range of services supported includes conceptual design, new product development of plants and equipments, customer application order fulfillment, manufacturing and commissioning.

We have expertise in managing and executing projects globally, driving projects through mature processes, ensuring quality deliverables and reduce work. We help our customers improve quality of supply, reduce time to market, grow capacity, increase revenue generation life, reduce cost of product development and enhance sustenance engineering.

Power Generation Capabilities

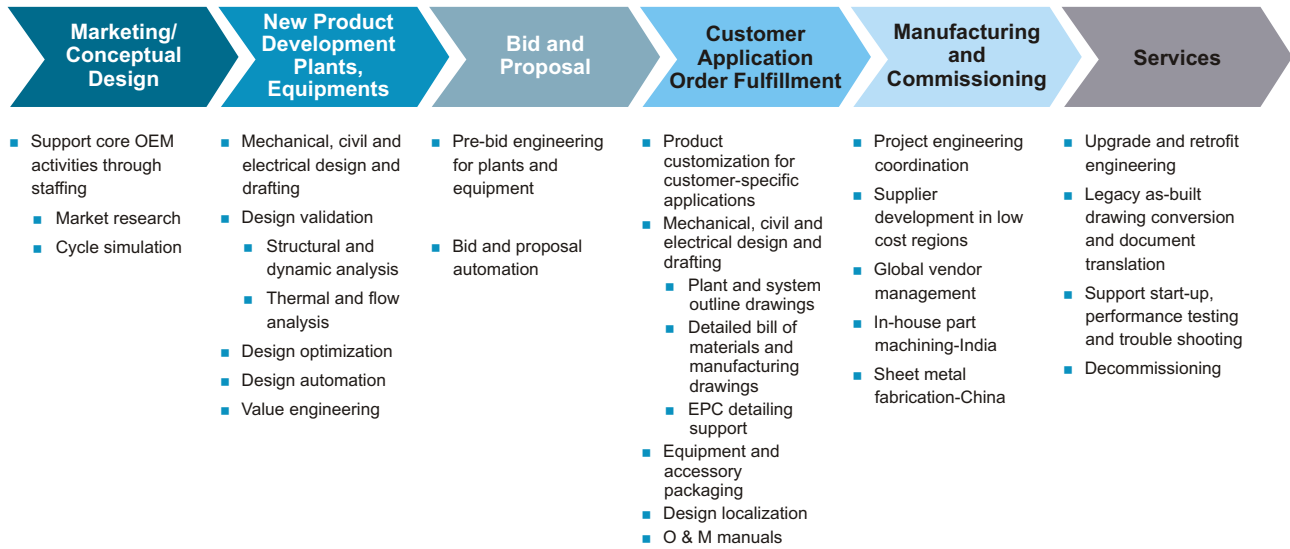
Platforms Supported:

- Hydro turbines
- Hydro generators
- Gas turbines
- Steam turbines
- Heat recovery steam generators
- Turbo generators
- Wind turbines
- Centrifugal compressors
- Reciprocating compressors
- Axial compressors

Certifications

- ISO 9001:2000
- ISO 27001

QuEST supports product development activities



Typical case study - global engineering development center for Power Generation OEM

"QuEST rates highly in terms of their technical capabilities. They also come closest amongst all, in being able to deliver an end product from a functional spec." - **Customer General Manager**

Customer

As a division of a global major, it is one of the world's leading suppliers of power generation and energy delivery technologies. The company provides solutions for traditionally fueled plants as well as those driven by renewable resources.

Requirements

Develop global engineering capability to:

- Reduce the overall cost of design and engineering
- Improve productivity and profitability
- Have easy access to a pool of well trained engineers
- Leverage productivity gains and shorten product design cycle time by working across time zones
- Ensure internal resource focus on core product development activities

QuEST approach

- Develop a do-buy matrix with customer

- Roadmap to progressively migrate the non-core activities offshore
- Developed and implemented a number of processes with respect to manpower deployment, technical trainings, infrastructure development and quality initiatives
- Build competence offshore in line with the requirements that can be fully integrated into customer's product development cycle

Results

- >200 member global team supporting multiple customer sites and products
- Competencies at the global development center covers wide variety of engineering disciplines
- Over 2 million hours of engineering support

Impact

- The relationship has accounted for a cost saving of 28% to the customer over a span of 4 years

About QuEST

QuEST is a leading provider of outsourced engineering services and manufacturing. The company helps customers in the aerospace, power generation, oil & gas, civil structures, industrial products, and transportation markets to cut product development costs, shorten lead times, extend capacity, and maximize engineering resources by providing support across the complete product life cycle from design and modeling through analysis, prototyping, automation, data documentation, manufacturing support, vendor management, and in-house precision machining.



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