

Power plant engineering through local global approach

Customer Case Study – Oil & Gas

Customer

A technology leader and the world's leading manufacturer of diesel and natural gas engines, industrial gas turbines and construction and mining equipment. With revenues of ~ \$41 billion, the company employs a workforce of over 95,000 across continents.

Requirements

- Look out for a partner to support activities across various disciplines from preliminary design activities to program management
- Customer was of the opinion to test the skill level, awarding the preliminary design and upon satisfaction, to award all the activities across disciplines
- Team to support projects across various sites

QuEST approach

- A 9 member QuEST team to understand customer requirements and deliver the preliminary design phase meeting all the requirements
- Further, a 22 member team formed offshore to support activities such as modeling, analysis and detailing across disciplines (civil, piping, mechanical, electrical, site coordination and project management)
- Ensure focused co-ordination with various customer teams across sites.
- Applicable international codes and standards were adopted for the project

Results

- Delivery in compliance with the international standards and codes as applicable, meeting customer needs
- > 24000 hrs of work supported

Impact

- Project time saved by about 7% as a result of single partner working across all activities
- Project cost lower by ~19% as a result of outsourcing to QuEST

About QuEST

QuEST is a leading provider of outsourced engineering services and manufacturing. We provide support across the entire product life cycle from design and modeling through analysis, prototyping, automation, data documentation, manufacturing support, vendor management, and in-house precision machining. Through our Global Product Development framework leveraging our local presence and global reach, we enable companies in the aerospace, civil structures, industrial products, oil & gas, power generation, and transportation markets to cut product development costs, shorten lead times, extend capacity, and maximize engineering resources. QuEST has delivery centers in India, USA, and Italy, and a footprint in UK, Germany, China and Japan. For more information, please visit www.quest-global.com.