

Global engineering development center driving excellence

Customer Case Study - Transportation

"QuEST has solid expertise and has been particularly proficient in the area of mechanical design and analysis, supplier selection, qualification and development. QuEST helped us expand its Indian manufacturing sourcing five-fold in the last year and we expect to expand our partnership."

Customer VP Procurement and Sourcing

Customer

A worldwide leader in engine braking and valve actuation technology, the company's products cater to heavy, medium and light duty vehicles.

Requirements

- Develop strategic Global Product Development partner capable of providing global engineering as well as precision manufacturing
- Migrate non-core engineering to global locations, so in-house engineers focus on core and value added engineering
- Lower total cost of product development and delivery

QuEST approach

- Develop a do-buy matrix with customer
- Build an extended product development team offshore to support non-core and value engineering activities
- Source and produce components and sub assemblies offshore to increase customer's market competitiveness

Results

- 20 member dedicated offshore team for engineering support spanning new product development, value engineering, component development & validation
- 75000+ hours of engineering support
- Savings of 900,000 USD through offshore support
- Savings of 250,000 USD on component development

Impact

- Estimated total savings across design and build activities is USD 1.15 Mn

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.