



Design/manufacturing special projects

Ricardo are asked to support outsourcing niche projects to avoid distracting internal resource

Situation and objective

- A motorcycle manufacturer needed to replace its ageing fleet of motorcycle sidecars for a law enforcement agency.
- The manufacturer didn't want to run the design and manufacturing project through their normal systems, as the quantity required was relatively small and did not fit their normal processes.

Approach and benefits

- Ricardo designed the new sidecar, improving the suspension and braking systems.
- Additionally, Ricardo identified and managed a low-cost supply chain, managed the production and testing of prototypes, achieving sign off from the client before managing the manufacture and delivery of the production quantities.