The efficient execution of projects to deliver their business objectives is essential for companies working in an increasingly competitive environment. ABB Consulting provide a full range of PMC services covering every stage of the project life-cycle to ensure projects are professionally defined and executed so as to realise those objectives.

However, many companies do not have sufficient resources with the full range of skills and experience necessary to manage the definition, engineering, procurement and delivery of engineering projects.

Regardless of the contracting strategy that an operating company adopts for a project, whether it be EPC or delivered with an in-house team, the company needs confidence that every stage of the project is completed in line with their expectations and needs.

Many things are required to provide this confidence, including regular design and progress reviews. Such reviews will focus on key issues including; specifying project objectives that optimise and clarify the business opportunity; a comprehensive project definition that meets stakeholders expectations; good management of HSE issues in compliance with company standards; ensuring reliability and operability are considered throughout the project; minimising any disruption to existing operations; good management of time, cost, quality and risk at each stage of the project.

ABB has a long history of providing PMC services to our clients to ensure their projects meet their business objectives and are delivered safely, within budget, schedule and to the required quality standards.

**What we offer**
We can provide both a full client project management, a full functional engineering service and a service to fill any capability gaps. In the latter case we can provide engineers that integrate into a client’s organisation, to ensure that they have the full expertise required to deliver the project.

We provide experienced personnel, to manage the project, or defined aspects of the project, on the clients’ behalf from initial feasibility study, through front end engineering design, detail design, management of procurement and construction to final plant commissioning.
ABB provide a range of PMC services, depending on the needs of our client, to ensure a successful outcome for their project, including:

**Project management, engineering and control**
- Client project management or project engineering
- Advising on execution and contracting strategies
- Capital cost estimating
- Preparation of bid lists and invitation to bid documentation
- Technical and commercial bid analysis.
- Reviewing or preparing terms and conditions
- Developing or reviewing standards and specifications
- Project risk management
- Auditing of contractor capability or compliance
- ‘Project health checks’ to ensure all aspects of the project remain on track

**Functional and specialist engineering**
- Functional engineering support and oversight
- Technology reviews
- Functional design reviews - including safety, health and environmental reviews
- Regulatory and permitting compliance support
- Commissioning procedure preparation and support
- Technical query handling
- Operational readiness services - such as preparing inspection schemes or maintenance plans

ABB has a strong capability in functional design and consultancy, allowing easy access to functional experts when required by the project team. We can also carry out in depth process safety studies and reviews, such as HAZOPs, LOPA or pressure relief reviews.

**Benefits**
The services ABB offers allows companies to deploy the full range of resources necessary to manage the successful delivery of their capital projects. This provides a number of benefits including:

- Projects deliver greater benefits; which could include: financial return, quality improvement, cost reduction, safety improvement etc.
- Increased confidence in the management of project costs, schedule and quality
- Assurance that projects are delivered to right engineering standards
- Assurance in the safe and reliable operation of facility
- Better project risk management

**Why ABB?**
The origins of ABB go back to when it was the in-house engineering department of a large multinational chemical company. We are therefore uniquely positioned to be able to act in the role of client project team. We understand the key elements that need to be concentrated on in the key early stages of a project to ensure that the right project is defined to meet the client’s objectives. We ensure that the specifications and standards adopted on a project are right for the full operational life of an asset, and we bring both a designer and operator perspective to the project reviews.

ABB provides our clients with access to experienced project and engineering professionals to form, or supplement, their project team. We give our clients access to a pool of resources, with a strong track record of delivery. We can offer easy and efficient access to a uniquely broad range of specialist resources when required for technical queries or discrete packages of work.