Construction consultancy services

Providing expertise at an early stage to ensure construction projects are successful.

The current economic climate has meant that construction projects are required to run to compressed timescales and budgets, whilst still meeting the ever greater demands of health, safety and environmental legislation. On top of this many companies have reduced or no ‘in house’ engineering capability and are conducting global operations that involve installing projects in countries with inferior safety standards and low construction skills.

ABB offer a range of services and expertise to help alleviate these problems by assisting in the construction of new builds or modifications to existing plants.

What we offer
ABB can help clients during the crucial early stages of construction projects when decision making can either send the project on a course for success or failure.

‘Constructability’ studies
This detailed study examines options for design procurement and fabrication of the construction project to identify inefficiencies and reduce health and safety risks.

HAZCON job safety analysis
This detailed process helps identify the hazards and ‘hidden costs’ that could potentially affect construction, operations and maintenance, and uncovers how these risks can be eliminated or controlled.

Contract strategy
We provide support in selecting and placing construction contracts. Plus, also help decide the appropriate commercial arrangements, contractor competency assessments, scope of supply and integration with the overall project timescale.

Auditing
ABB can assess the construction performance of the project including; programme status, costs, health and safety compliance, quality control, specialised specific areas such as heavy lifting, working at height arrangements, excavations, entries and SHE behavioural factors.

Client construction management support and experience
We can provide experienced personnel to supplement site construction teams and look after the client’s interests from the feasibility stage through to planning, design, construction and commissioning.
Development of achievable, integrated project programmes and reports
We can assist in preparing realistic, achievable project programmes including design, procurement, contract letting, installation and commissioning. We can also implement progress reporting systems that track achievement against planned activities to ensure projects run on time.

Development of construction and demolition project estimates
Using our vast project experience we can prepare estimated costs for construction projects including materials, fabrication, installation, commissioning support, welfare and access provisions.

Benefits
- Better defined projects, reducing risk and increasing success
- Cost savings by getting expert advice during project strategy and estimating
- Provides legislative compliance
- Realistic pricing and project timescales
- Cost efficient access to scarce expertise
- Global access to services from a world-wide engineering consultancy

Why ABB?
ABB have extensive experience working on construction projects. We have a highly flexible approach and methodology that allows us to tailor services to individual client requirements.

Most of our staff are from a client background and have a wealth of experience working in the demanding process and utility industries where health and safety standards are often higher than UK legislation.