

Front End Engineering & Design



The quality of a FEED study is directly related to the risk of scope growth on a project.

ClerkMaxwell has a proven track record of managing and delivering quality FEED studies that allow projects to be sanctioned with confidence.

ClerkMaxwell offers a flexible approach to the management and delivery of FEED projects that match our clients' needs. These needs can range from a reliance upon ClerkMaxwell to manage and deliver a FEED in its entirety to providing a highly skilled team to integrate and support the client in managing their FEED design contractor.

No matter what approach is taken, ClerkMaxwell will provide the relevant skilled personnel to ensure that the FEED phase starts and continues as a seamless transfer from the conceptual engineering phase. Our experience across all phases of the asset lifecycle ensures that future phases such as construction, commissioning, start-up and operation are considered

in sufficient depth during the FEED phase. This helps to minimise any "unexpected surprises" during project execution.

ClerkMaxwell's involvement in the FEED phase will also support the client in providing a seamless transfer from FEED to detail design. This is a key interface and can often involve a significant supply chain change (i.e. change in design contractor).

In terms of FEED expertise, ClerkMaxwell can offer an unrivalled array of expertise available "under one roof".

ClerkMaxwell supports post-FEED project phases such as detailed design, procurement, implementation and operations support through our other core business areas.

The key services that ClerkMaxwell can offer for FEED are:

- **Full multi-discipline engineering team with solid FEED expertise**
- **Effective integration of subsea, pipelines, marine and topsides**
- **Expertise in brownfield issues and interfaces**
- **Risk review & management**
- **PEER reviews and key engineering review facilitation**
- **Construction support and input**
- **Operational support and input**
- **Cost estimation (including full lifecycle costs)**
- **Procurement planning (including long lead item management)**
- **Execution strategy & Final Investment Decision support**