



Pre-FEED Studies

Cobra's ability to draw upon our people's practical experience in the design, construction and operation of facilities and infrastructure provides significant value during Concept selection and development.

Delivering Pre-feed

We consider Pre-FEED as an enhanced phase of Concept Development but definitions aside we have led many Pre-FEED studies across the globe and across different sectors so understand how to deliver. We take concept select studies and develop them through the Pre-FEED phase by adding further definition. Cobra appreciates that the conceptual phases including Pre-FEED have the highest influence of an overall project phase for the lowest expenditure and are critical to the long-term success of a project which is why we get so excited about delivering high quality conceptual studies

Our experience and offering is broad, innovative and sometimes frankly amazing. We bring novel but fit for purpose options to the forefront and help our clients add true value be that cost, schedule, operability or Safety & Environmental benefits.

Pre-FEED offers the final phase of our conceptual engineering offering although it's not the end of our support. We know our strengths and our interests and they lie in conceptual engineering but our team have been involved in key positions in FEED, Detailed Design and also Operations, Maintenance, Completions and Commissioning and Decommissioning which makes us your Ideal partners as Owners Engineer.

Typical but activities we carry out in this phase include:

- Optimisation of Process Schemes;
- Reduction in optionality using targeted studies of particular aspects of design;
- Finalisation of field architecture;
- Initial P&ID development;
- Layout development from earlier phases;
- Further identification of Long Lead Items (LLI's) and Issue of enquiries for such items;
- Further weight estimates;
- Further HSE screening assessments;
- CAPEX, OPEX and ABEX development and economic assessment;
- Project schedule enhancement;
- Preparation of survey scopes of work, tendering and management of the work;
- Engagement with other work groups and third parties to reduce uncertainties;
- Development of risk mitigation plans;
- Project Execution Plan and contracting strategy finalisation;
- Basis of design update;
- Commencement of the ESIA process;
- Assistance with regulatory processes;
- Provision of guidance for next phase of work including assistance with Bid preparation or Invitation To Tender (ITT) packages

To find out more or to speak to an expert...

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