

Marine Consultants & Engineers (MCE) an independent marine and engineering consultancy with registered offices in Singapore and India. MCE offers a wide range of marine & engineering services to the Energy and the Offshore Construction sectors.



Why MCE?	We provide a comprehensive service in support of the procurement process for new builds, conversions, yard assessments, second hand purchase or sale /leaseback options with the aim of controlling technical risk mitigation from concept to delivery and onward through the asset life.
Our Services	
Design Review	Verification of the feasibility and robustness of the concept, and initial design.
Specification Review	Confirmation that all areas are well defined and that potentially contentious area are adequately covered.
Contract	Review confirmation that technical clauses are properly defined.
Insurance Review	Confirmation that technical risks are adequately covered.
Construction Yard Identification	Identification of potential shipyards with relevant capability and experience.
CAPEX / OPEX Review	Confirmation cost breakdown, risk areas are identified and proper contingencies are in place. Milestone value estimation based on constructed
Financial Model	Technical input to the model and advice on contingencies / sensitivities.
Tender / Purchase	Documentation production of invitation letters and response comparison matrices, review of equipment purchase orders for completeness.
Equipment Residual / Resale Value	Values estimation of equipment residual or resale values.

Technical Due Diligence

Construction Yard Selection	Review of technical discussion documentation and confirmation that all contentious areas have been properly addressed and documented.
Construction Yard Auditing	Confirmation that a shipyard is commercially and technically capable of completing the project on time and budget.
Engineering Review	Confirmation that key contractual plans and documentation are in accordance with relevant specifications and regulations.
Planning / Schedule Review	Ascertain that tasks and labour requirements have been adequately identified and critical path identified and quantified.
Construction Inspection Audit	Confirmation that the vessel is being diligently constructed in accordance with the specification and regulations and to confirm when key milestones have been met.
Guarantee Support	Ensure that defects have been properly dealt with, attendance at guarantee docking as necessary.
Charter Review	Verify that vessel is in accordance with the technical requirements of the charter, highlight technical related cost penalties.
Asset Condition Surveys	Confirmation that the asset is being constructed / maintained satisfactorily and to provide valuation as necessary.

