

“Where will our knowledge take you?”

Specialist Dredging Services

Capital Dredging Works



Capital dredging is a key component of most port development and expansion projects, and it represents an area of considerable technical and commercial risk for project proponents. BMT JFA has extensive experience planning and managing capital dredging projects of all scales. Associated cost estimates are supported by the internationally recognised CIRIA Guidelines. In combination with comprehensive practical expertise, BMT JFA is able to

“ BMT JFA is able to utilise extensive in-house experience and technical expertise (including specialised software and databases) to complete detailed dredging capital studies and assessments which wholly addresses the anticipated project requirements and risks. ”

present the client with detailed CAPEX and OPEX costs for both capital and future maintenance dredging requirements.

Following the definition of the project requirements, BMT JFA is able to provide ongoing services in the execution of capital dredging projects, including the management of the tendering and procurement process, project and contract management to ensure contractor compliance, site supervision and project closeout.

Key Capabilities

- Planning of capital dredging works
- Project management and site supervision
- Tendering and contract management.

Related Projects

- Port Hedland High Spot Removal
- Geraldton Port Enhancement
- Esperance Port Development
- Ichthys LNG Project
- Oakajee Port Development
- Southdown Magnetite Project FS

- Cape Lambert Expansion.

Services Offered

- Assessment of geotechnical/geophysical data to determine most cost effective and environmentally sustainable way to carry out the dredging
- Assessment of dredge material disposal options, including reclamation studies and/or offshore disposal
- Provision of assistance/input in the environmental approvals process
- Assessment of site conditions and the associated implications for efficiency and effectiveness of dredging equipment
- Developing project execution methods, optimisation and budget estimates
- Tender preparation, (including special conditions of contract, specifications and payment schedules) and tender evaluations
- Facilitation of hazard identification (HAZID) workshops prior to site works
- Preparation of project plans for occupational health and safety, emergency response and dredging environmental management
- Project management during the works including regular liaison with contractor and key project stakeholders
- Safety and environmental compliance auditing of all site operations
- Production tracking and verification of contractor claims/logs.