

Detailed Design & Procurement



ClerkMaxwell has a comprehensive and experienced detailed design and procurement capability covering the following areas:

- Brownfield topside modifications
- Minimum facilities platforms
- Subsea systems
- Floating productions process, utility and marine systems
- Compression & dehydration facilities
- EOR systems (including chemical, steam flood and CO₂)
- Onshore terminals

We have established a fit-for-purpose delivery model that ensures a reactive and cost-effective service through the use of efficient workflow processes.

ClerkMaxwell also provides procurement and inspection services for, or on behalf of, our clients to provide a complete E&P service.

The range of procurement and inspection activities carried out include:

- Long lead items (identification, planning, risk mitigation)
- Approved vendor list & vendor pre-qualification
- Enquiry packages
- Vendor response evaluation & recommendation
- Award and PO issue
- Expediting and management of inspection
- 3rd party inspection (stand alone)
- Logistics
- Vendor invoice control and PO close-out

Our summary capabilities include:

- **Full detailed engineering and design for a broad range of project types and minor modifications**
- **2D & 3D design**
- **Integration of point cloud data for clash-free design**
- **Workpack preparation**
- **Constructability, operations and maintenance input to designs**
- **Detailed estimating (offshore norms, MTO)**
- **Procurement and inspection services**