

COMPANY PROFILE

www.mao-oak.com

SYNOPSIS

Mao-Oak Resource Ltd incorporated October 2017 Is an EPCIC (Engineering, Construction, Installation, Commissioning) and Procurement powerhouse to many oil and gas/marine operations in the gulf of Guinea.

We provide key players with customized turnkey services with project success at the heart of her ambitions, Mao-Oak interconnects her expertise by relying on an agile and flexible operational structure. Hence, we are able to respond to all our clients' problems and challenges, with the objective of creating value.





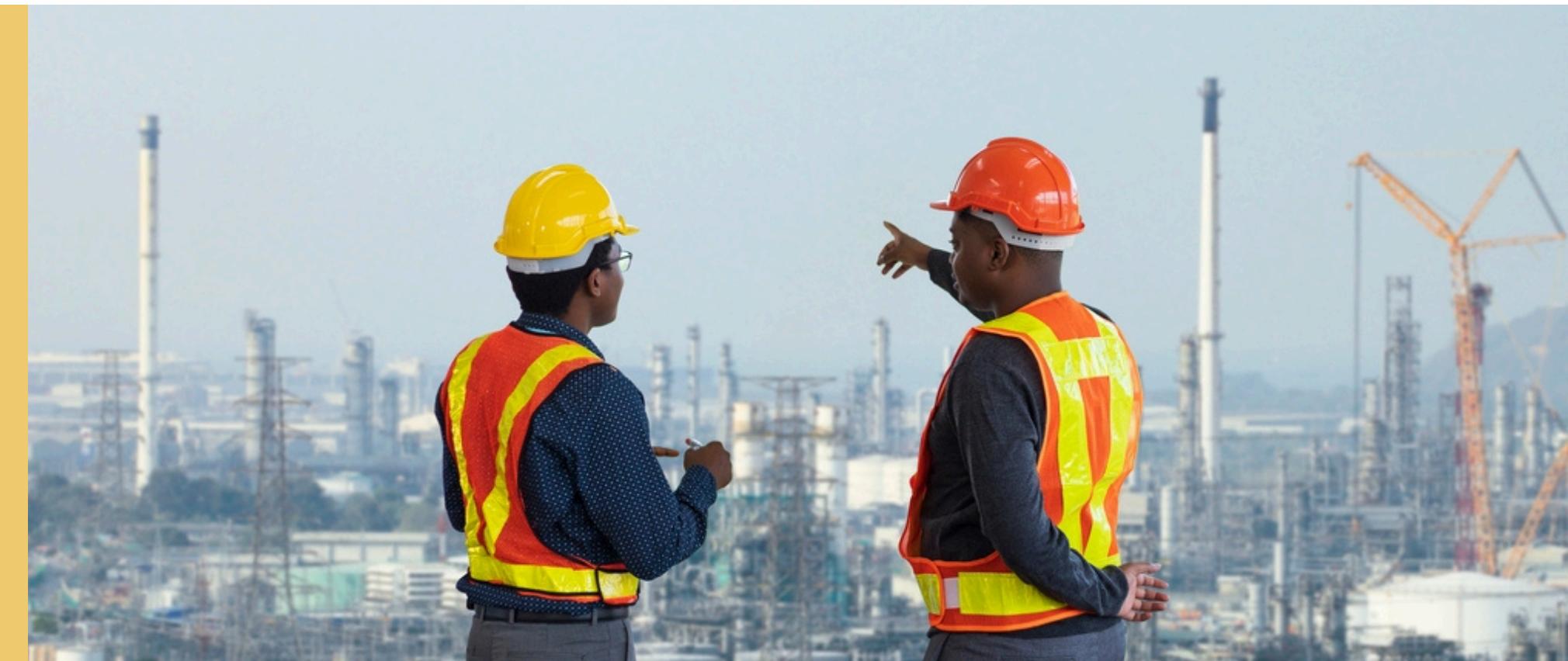
Since more than 7 years in Nigeria, and with permanent facility in Port-Harcourt, Mao-Oak Resource Ltd combines its multidisciplinary expertise, mobilization capacity on appropriate infrastructures and innovative equipment to provide integrated solutions, always with a local content optimization approach.

MISSION & VISION

Deliver state-of-the-art Engineering, Procurement and Construction development projects for the oil and gas industry in Nigeria. Lead the development and transfer of technology to participate in the long term growth of local oil and gas industry and human capital. Enable "Made in Nigeria" a target to reach for a balanced business between all partners involved.

Mao-Oak's core values are:

- Our people
- Safety and environment
- Client focus
- Commitment to excellence
- Community involvement



ENGINEERING

At Mao-Oak, we believe that the success of a project starts with its Engineering. It is therefore, that we have invested in talents to ensure that all our fabrication activities will be conducted with best in class engineering.

Mao-Oak has developed high-end engineering capabilities over the period of time. Presence of specialist engineers and advanced analysis software on site has enabled us deliver high quality engineering deliverables in short duration.



GENERAL PROCUREMENT

(Mao- Oak Resources ensures robust supply chain for your project by adhering to the five rights of procurement: the right quantity, quality, timing, price, and economic advantage. Leveraging our extensive network of manufacturers, we secure materials at competitive prices through optimal channels.

A close-up photograph of a person's hands interacting with a futuristic, glowing user interface. The interface features the word "PROCUREMENT" in large, white, semi-transparent letters. Below it are several smaller, semi-transparent icons representing different procurement concepts: a checklist, a percentage sign, a clipboard with a checkmark, and a circular arrow with currency symbols (€, \$, ¥). The background is dark with warm, glowing orange and yellow particles.

PROCUREMENT

We have capabilities to handle: **Project Procurement Management, End-to-end Supply Chain Management, Logistics Management and Warehousing Management.**

We offer a one-stop-solution in materials procurement to our clients in the oil and gas industries in Nigeria and beyond in the following categories:

- Piping, Fittings, and Flanges.
- Valves, Actuators, Regulators, and Generators
- Life-Saving Equipment Supply
- Chemical Supply
- Marine Vessel Supply
- HVAC Systems & Chillers.
- Meters & Regulators.
- Structural Steel.



- Instrumentation & Control Engineering.
- Lubricants & Chemicals.
- Pumps, Compressors and Rotating Equipment.
- Metering Calibration.
- Mechanical/Process Equipment
- Pipeline accessories and Steelworks
- Cranes and lifting equipment
- Hoses and Fluid Handling
- Separators and filters
- Gauges and Meters
- Coatings, resins, paints
- Lighting and Electrical products

FABRICATION

Mao-Oak has developed recognized skills in steel fabrication for Shallow Water and Deep Water Projects.

Mao-Oak highly qualified personnel is competent to fabricate all type of Offshore structures and has built-up a welding capability with all type of steel (Carbon steel to Stainless including Duplex, SuperDuplex, and Clad)





EXPERTISE

Mao-Oak offers a large range of fabrication services such as :
Subsea Operations:

well jumpers, manifolds, subsea trees, stools, riser towers, subsea mudmats, spools, gooseneck, pipeline end terminals, suction piles, umbilicals; tools and technical fabrications specifically developed for extreme condition equipment and structures for all Subsea Operations.

We also support our customers on seafastening and logistics operations



OFFSHORE OPERATIONS:

Mao-Oak offers a wide range of fabrication services dedicated to and including hookup activities and offshore shutdowns. These activities include work preparation, prefabrication, fabrication, electrical and instrumentation technician support, transportation and positioning, mechanical and equipments installation and completion, assembly, testing, sea fastening and maintenance.

ONSHORE OPERATIONS:

With strong participative experience on EPCC contract, skilled manpower labor, maintenance and piping and storage/tank fabrication. Our onshore activities covers the whole cycle project management and works, from engineering to commissioning.



ENGINEERING SERVICES:

STRUCTURAL ENGINEERING

- 3 Principal Consultants have 10-15 years experience in greenfield and brownfield projects;
- Experts in linear and non-linear FE analysis: STAAD, SESAM, SACS, USFOS and Abaqus;
- Greenfield FEED and detailed design calculations and draughting;
- Brownfield modifications, repair orders, fitness-for-service assessments;
- Offshore transport, lift & installation calcs;
- Subsea template and SURF design calcs.



MAINTENANCE

- Preparation of Workpacks;
- Supply of experienced offshore trades personnel (e.g. RAT, welders, riggers, etc.);
- Fitness-for-purpose engineering;
- Equipment lift and removal engineering and procedures;
- FPSO/FLNG hull fabric maintenance and crack repair procedures.



MECHANICAL/PIPING ENGINEERING

- 2 Principal Consultants have 10-15 years' experience;
- Caesar II pipe stress analysis;
- Piping layout and draughting (2D and 3D);
- Piping engineering detailed design;
- Producing RBI schemes for piping;
- Brownfield modifications (e.g. designing new spools, etc.).
- Rotating equipment design and integrity management.
- Mechanical package engineering



ASSET INTEGRITY MANAGEMENT

- Structural Integrity Management;
- Risk-based inspection strategy documents;
- Integrity assessments;
- Corrosion assessments;
- Asset life extension studies.



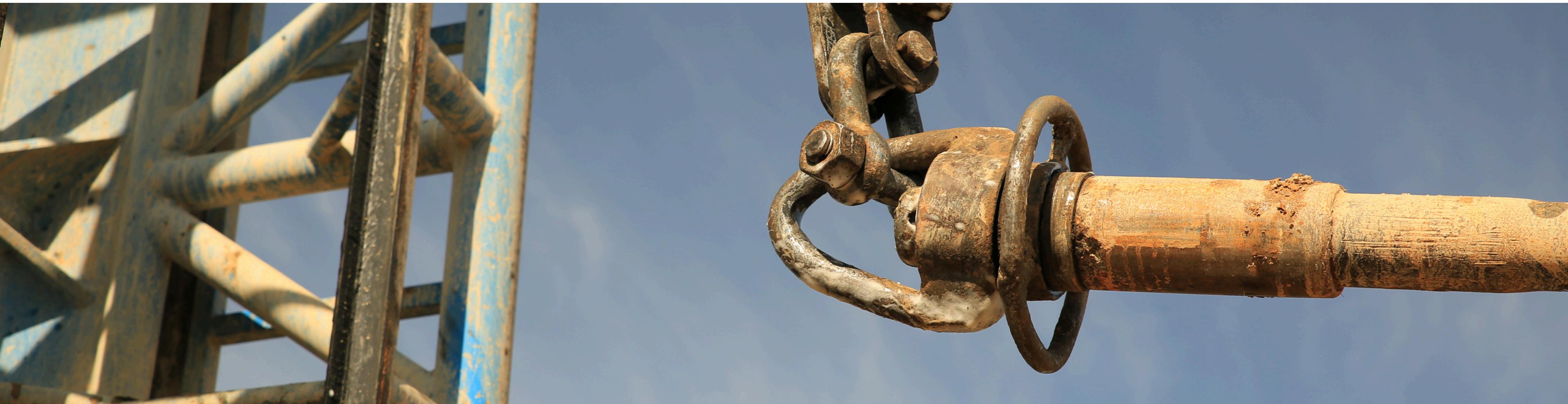
OFFSHORE SURVEYS

- Provision of ROV survey teams (incl. pilot);
- 3 Dimensional Control surveys (in partnership with S3Di, Aberdeen);
- As-built verification surveys;
- Conventional “tape measure” surveys.



WELLS & DRILLING ENGINEERING

- 2 Principal Consultants have 10-15 years experience with major operators & oilfield service companies;
- Design of drilling structures and components;
- Technical project management of drilling, completions and testing activities;
- Provision of Blacktrades personnel for operations and commissioning/testing.



CONTACT US

 Lagos Address: Plot 24 Block 139 Josemaria Escravia Street
Lekki 1

Port- Harcourt Address: 12 Wenedah Road, Opposite Madonna secondary School, Off power Ecounter By east-west Road.
Port-Harcourt. Rivers State

MAO-OAK UK Address:
3/2 Smithfield street Edinburgh EH11 2PH, United Kingdom

 Info@mao-oak.com

 www.mao-oak.com

 0916 602 1937

