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MOSFRID
TECHNICAL SERVICES

Total Field Support,

From Operation Base
to Offshore Platform.

mosfrid.com

Our **Vision**

To be a leading integrated solutions provider in Engineering, Construction, Logistics, Well Services, and Project Management — delivering excellence, driving innovation, and creating value across every project we undertake.

Our **Mission**

To provide high-quality, efficient, and innovative services in Engineering, Construction, Logistics, Well Services, and Project Management. We are committed to safety, sustainability, and client satisfaction, ensuring every project is executed with integrity, precision, and excellence.

Our Core **Values**

1. Safety First - We prioritize the health and safety of our clients, staff, and the environment in every task we undertake. Compliance with safety standards is non-negotiable.

2. Integrity - We conduct our business with honesty, transparency, and fairness. Trust is the foundation of every relationship we build.

3. Quality Workmanship - From minor fixes to major installations, we deliver services that meet the highest industry standards—built to last, and built with care.

4. Customer Commitment - Your satisfaction is our success. We listen, respond promptly, and work closely with you to provide solutions tailored to your needs.

5. Reliability - You can count on us to be there—on time, every time. We deliver consistent service you can trust, even under pressure.

6. Innovation & Improvement - We embrace modern tools and technologies while continuously improving our methods to deliver smarter, faster, and more efficient maintenance solutions.

7. Teamwork - We work collaboratively—internally and with our clients—to ensure seamless execution and outstanding results.

8. Accountability - We take full ownership of our work. When we make a promise, we deliver. And if challenges arise, we face them head-on.

About **Us**

At Mosfrid Technical Services Nigeria Limited, we are committed to building a maintenance company that truly understands the value of reliability, safety, and technical excellence.When we started this journey, our goal was simple, to deliver maintenance services that businesses can trust. Over the years, we have grown into a dependable partner to clients across industries, offering practical solutions that reduce downtime, improve safety, and extend the life of critical equipment.

What sets Mosfrid apart is not just what we do, but how we do it. Our approach is rooted in professionalism, honest communication, and a deep respect for client expectations. Whether we are designing a generator synchronization system, servicing electrical panels, ramping EOT overhead cranes, installing new equipment or carrying out preventive maintenance, we do it with precision, dedication, and care. Our team of technicians and engineers are not only trained, they are passionate about what they do. That passion translates into consistent results, timely delivery, and long-term client satisfaction.

We believe in doing the job right, the first time. And if challenges arise, we face them head-on, take responsibility, and deliver solutions.On behalf of the entire team at Mosfrid, I thank all our clients, present, and future for trusting us. We remain committed to being the team you can depend on when it matters most.

Our **Services**

+ Asset Support
+ Construction
+ Engineering & Project Services
+ Industrial Cleaning Services
+ Operation And Maintenance
+ Project Management
+ Well Services & Geosciences
+ E & I and Control Services
+ EOT Crane Services

Obazu Omoikhefe Friday
Managing Director, Mosfrid Technical Services Nig. Ltd.

Asset Support & Management Services

Mosfrid Technical Services Nigeria Limited (MTS) offers a wide range of globally managed services for the Operation and Maintenance (O&M) of Oil and Gas production facilities, both onshore and offshore. We can develop and tailor solutions to fit diverse operating environments.

Commissioning - We provide structured commissioning services to ensure systems and equipment are installed, tested, and ready for safe and efficient operation. Our team follows industry-standard protocols to verify functionality and performance before handover.

Maintenance Engineering - Our maintenance engineering services focus on developing strategies that improve asset reliability, reduce downtime, and extend equipment life. We implement proactive and predictive approaches tailored to your operational needs.

Operation & Maintenance (O&M) - We deliver end-to-end operation and maintenance services that optimize plant performance while minimizing risk and cost. From staffing to daily operations, we ensure smooth, compliant, and efficient asset management.

Operating Manuals - Our experts develop clear and comprehensive operating manuals tailored to each project. These documents support safe operation, maintenance routines, and training, helping your team stay aligned with technical and regulatory standards.

Rotating Equipment Service - We offer specialized support for rotating equipment including turbines, pumps, compressors, and motors. Services range from routine inspection and maintenance to complete overhauls and performance enhancements.

Environmental Services - Our environmental services help clients meet regulatory requirements and sustainability goals. We manage waste, monitor emissions, and implement systems to minimize environmental impact during all stages of asset operation.

Construction

Mosfrid Technical Services, with our workforce of highly skilled and experienced personnel, has the capacity to undertake major projects and provide construction, Oil and Gas Services in Nigeria, including:

Pipeline Construction - We handle the laying of small, medium, and large-diameter pipelines, delivering safe and efficient systems for fluid transport across diverse terrains.

Oil & Gas Plant Construction and Upgrading - We construct and upgrade oil and gas handling and processing facilities, offering both Greenfield and Brownfield solutions that boost efficiency and ensure regulatory compliance.

Temporary Camps - We build well-equipped temporary camps for remote operations, providing essential amenities and comfort for personnel during project execution.

Fabrication and Installation - Our team delivers onshore and offshore fabrication and installation of platforms, structures, jackets, and bridges—ensuring precision, safety, and durability.

Industrial Plant Projects - In partnership with our technical allies, we construct petrochemical, fertilizer, and power plants with a focus on quality, timeliness, and cost-efficiency.

With strong operational bases in Lagos and Port Harcourt, we are fully equipped to execute projects in remote and challenging environments across Nigeria.





Engineering & Project Services



Mosfrid Technical Services provides end-to-end engineering support for onshore and offshore oil, gas, and energy facilities. We manage all phases of EPC projects—from design to commissioning—with core expertise in:

Process Engineering - We deliver efficient process designs, simulations, and system layouts to optimize production, safety, and compliance across upstream and downstream operations.

Project Management & Construction - Our team ensures timely, safe, and cost-effective delivery of Greenfield and Brownfield projects through structured planning, execution, and resource management.

Telecommunications - We install reliable telecom systems including fiber optics, radio, and data infrastructure for seamless communication and remote operations in harsh environments.

Electrical & Instrumentation (E&I) - We offer complete E&I services—design, installation, testing, and hook-up—ensuring smooth plant automation and control.

Control, Safety Systems & SCADA - We implement SCADA, DCS, and safety systems like ESD and fire detection for effective monitoring, control, and operational safety.

Security Systems - Our integrated security solutions—CCTV, access control, and intrusion detection—safeguard assets and personnel in high-risk zones.









Industrial Cleaning

We offer specialized industrial cleaning solutions designed to meet the rigorous demands of sectors such as oil and gas, petrochemical, marine, manufacturing, and heavy construction. Our services utilize advanced techniques and equipment to ensure thorough, efficient, and environmentally responsible cleaning for both onshore and offshore operations

+ Vessels
+ Facilities
+ Offshore Equipment
+ Rigs Plat Forms

Hot and Cold-Water Pressure Washing - Our team provides both hot and cold-water pressure washing services to tackle a wide range of industrial cleaning needs. Hot water systems are ideal for breaking down grease, oil, and tough residues, while cold water systems are effective for general-purpose cleaning. Both methods are applied based on the specific requirements of the surface and contaminants, ensuring optimal results without damaging equipment or structures.

High-Pressure and Ultra-High-Pressure Water Jetting - We deploy high-pressure and ultra-high-pressure water jetting systems—reaching up to 40,000 psi—for precision cleaning, descaling, and coating removal. This method is highly effective for cleaning tanks, pipelines, heat exchangers, and production equipment, offering deep cleaning without the need for abrasive or chemical agents. It ensures faster turnaround and minimal environmental impact.

Safety and Compliance - Our cleaning operations are executed with strict adherence to safety protocols, industry regulations, and environmental standards. We employ trained and certified technicians, utilize modern safety gear, and follow detailed procedures to mitigate risk and ensure operational continuity.

Reliable and Efficient Service Delivery - Whether for scheduled maintenance, shutdown support, or emergency cleaning, we deliver responsive, high-quality service that enhances equipment performance, extends asset life, and reduces downtime. Every project is tailored to meet the client's specific objectives and operational schedule.

Operation & Maintenance

We manage people, equipment, facilities, and technology so our clients can focus on what they do best—their core business. We do this by implementing integrated work practices designed for efficiency, safety, and performance. Specifically, we:

Manage Workflows – We deploy Computerized Maintenance Management Systems (CMMS) to plan, schedule, and track maintenance activities.

Deliver Business-Focused Maintenance – We align maintenance efforts with our clients' business goals to reduce downtime and optimize asset performance.

Handle Critical Engineering Risk Management – We assess, monitor, and mitigate engineering risks to ensure operational continuity and safety.

Provide Full Facilities Management – We operate and maintain key systems including: Heating, Ventilation, and Air Conditioning (HVAC) Emergency Power Supply Systems, Building and Life Safety Systems

Run Building Management Systems (BMS) – We use centralized platforms to monitor, control, and improve building operations efficiently.

We do all this with a commitment to reliability, safety, and cost-effective performance.

Well Service & Geo-Sciences

Mosfrid Technical Services promotes, supplies, and delivers a full range of drilling, completion, wellhead, and downhole products and services. Our goal is to support efficient and safe well operations throughout the entire lifecycle.

Geoscience Data Management & Subsurface Studies – Providing accurate data analysis and interpretation to support exploration and reservoir development.

Drilling, Completion & Production Services – Delivering technical expertise and field support for successful well planning and execution.

OCTG & Pipe Yard Management – Ensuring optimal handling, inspection, storage, and tracking of tubular goods.

Supervision of Drilling, Workover & Completion Operations – Offering on-site supervision to maintain operational integrity, safety, and efficiency.

Machine Shop Services – Precision machining, maintenance, and repair of critical oilfield equipment.

Project Management

At Mosfrid Technical Services, our team of highly experienced, professional, and diverse project managers work closely with clients from project conception and design through to final delivery—ensuring full satisfaction at every stage.We deliver quality, time-bound, and safety-driven solutions that meet or exceed international and industry standards.



Our comprehensive project management services include:

+ Define Project Deliverables, Project Plan and Resources
+ Project Execution Plan
+ Progress Reports
+ Develop Technical Documents
+ Procurement Execution and Documents
+ Change Management
+ Project Execution Support with support documents
+ Corrective & Preventive Actions



E & I and Control Service

We specialize in delivering comprehensive Electrical & Instrumentation (E&I) and Control solutions, with a strong focus on Medium and Low Voltage systems. Our services cover the full project lifecycle — from detailed design and engineering to installation, commissioning, and ongoing maintenance.

Engineering and Design - Our team delivers detailed engineering and design for Medium and Low Voltage systems, including power distribution, switchgear, MCCs, power factor correction, and control panels — all compliant with international standards and client specifications.

Installation & Commissioning - We handle complete installation and commissioning of transformers, switchgear, distribution boards, cabling, control panels, and protection systems, following strict quality and safety procedures to ensure reliable operations.

Automation and Control Integration - We integrate automation solutions with Medium and Low Voltage networks, designing and deploying PLCs, SCADA systems, remote monitoring, and intelligent motor controls to boost efficiency and enable real-time monitoring.

Operation and Maintenance - Our preventive and corrective maintenance services include inspections, testing, repairs, and upgrades, helping extend asset life, ensure compliance, and minimize downtime.

Upgrades and Retrofits - We modernize aging systems with panel revamps, switchgear replacements, protection upgrades, and technology integration — all done with minimal disruption to operations.









EOT Crane Services

At Mosfrid Technical Services Nigeria Limited, we specialize in the safe and efficient handling of EOT (Electric Overhead Traveling) cranes, delivering end-to-end solutions that include supply, installation, maintenance, and repair.



Safe and Effective Solutions by Mosfrid Technical Services Nigeria Limited

Supply of High-Quality EOT Cranes - We partner with reputable global manufacturers to supply durable and industry-standard EOT cranes tailored to client specifications. All supplied cranes undergo rigorous inspection and testing to ensure compliance with both international and Nigerian lifting equipment standards.

Safe and Precise Installation - Our installation processes are carried out by qualified engineers and technicians trained in lifting equipment handling.

We adhere strictly to safety codes and OEM installation guidelines, ensuring:
+ Structural integrity of runway beams and supports
+ Proper alignment and calibration of hoisting and trolley systems
+ Safe electrical and mechanical connections. All installations are certified through a post-installation safety audit before handover.

Preventive and Corrective Maintenance - Mosfrid offers periodic preventive maintenance plans that reduce downtime and extend equipment lifespan.

Our team conducts:
+ Routine inspections and lubrication
+ Load testing and performance diagnostics
+ Electrical and mechanical adjustments
+ Immediate replacement of worn components. For corrective actions, we respond swiftly to faults, minimizing operational disruptions.

Reliable Repair Services - Our epair teams are equipped to handle breakdowns on-site or off-site, depending on the nature of the fault. We prioritize safety-first interventions, making sure all repairs are tested, documented, and meet regulatory compliance before recommissioning.

Safety and Compliance at the Core - Safety is a core value at Mosfrid.

We implement:
+ LOTO procedures during maintenance, Permit-to-work systems
+ Use of certified lifting and PPE equipment
+regular safety training for technicians and crane operators
+ Compliance with ISO safety standards and Nigerian lifting regulations

Through these practices, Mosfrid Technical Services Nigeria Limited remains a trusted partner in the Nigerian industrial and energy sectors, delivering safe, compliant, and effective EOT crane solutions.



Key Projects Executed

Generator Synchronization Panels

+ Design, assembly & installation of custom-engineered panels with capacities up to 10,000Amp·
+ Built using quality breakers, transformers, and electrical components.

Solving Client Problems

Fuel & Cost Optimization - By intelligently shutting off unnecessary generators during low-load times, their synchronization systems reduce fuel consumption minimizing operational costs.

Customized Solutions - Panels are tailor-made ("assembled, designed by recommendation of our engineers or customized by customer requirements") to meet client specifications.

High Quality & Reliability - Using industrial grade components ensures durability and consistent performance, which helps clients avoid downtime and maintain stable power.

Real-world Impact

Operational efficiency
Clients benefit from smoother, more efficient power setups ensuring backup systems are reliable when needed.

Cost savings
Reduced generator runtime leads to lower fuel costs and less wear on equipment.

Their exact need
Highly configurable systems mean businesses from small facilities to larger industrial plants get the right.

While Mosfrid's publicly available portfolio focuses mainly on the design and deployment of generator synchronization systems, these projects reflect a core capability: delivering custom solutions that save clients fuel costs, ensure reliability, and fit operational needs.









Our Clients

We proudly serve a diverse client base with trusted solutions across Asset Support, Construction, Engineering, Industrial Cleaning, Logistics, O\&M, Project Management, Vessel Chartering, Well Services, E\&I, and EOT Crane Services.

Work History - Excerpts

Service Provided	Client	Year	Status
Construction of 33kv Fire Resistant Compact Substation	Baker Hughes	2025	Completed
Revamping and refurbishment of 4 EOT cranes	Dorman	2022	Completed
Assembly & installation of 2 EOT jib cranes, a capacity of 3,000 kg each	General Electrics	2017	Completed
Construction, assembly & installation of LOTO electrical distribution panels	Baker Huges	2021	Completed
Assembly and installation of 2 units of 5,000kg EOT overhead gantry crane	Shell	2013	Completed
Installation of fourteen 14 sets of 10,000kg Rotators and Idlers	EWTNL	2010	Completed
Assembly and installation of 10 EOT Overhead Cranes	EWTNL	2010	Completed
Assembly and installation of 2 units of 7.5x7 meter automated Column	BOS Congo	2009	Completed
Assembly and installation of 4 Column and Boom SAW machines (6.5x5m)	Kaztech	2004	Completed
Installation of 10 units of 6,000kg Rotators and Idlers	Nigerdock	-	Completed

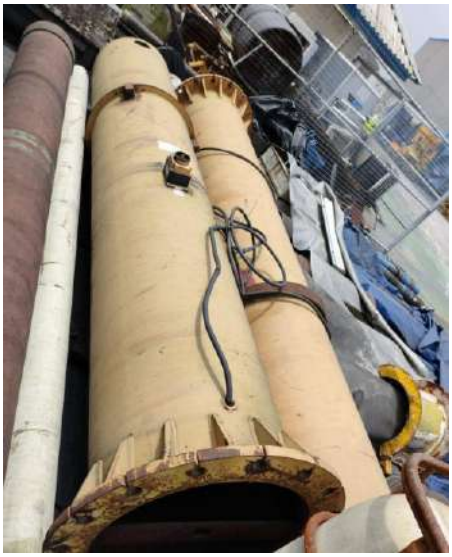
Picture Gallery

We're pleased to share some pictures from projects we've successfully delivered across various services. These images highlight our work in Asset Support, Construction, Engineering, Industrial Cleaning, and more—showcasing our commitment to quality and excellence on every job.
















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