



We are one of the leading companies in Nigeria providing power and mechanical services

An indigenous
**Electrical
Engineering
Service Company**

ABOUT US

John I. Bipialaka (JIBS) Engineering Services Limited, incorporated in 1997 in Port Harcourt, is an indigenous Engineering services company capable of handling every conceivable type of project in electrical engineering and allied field of technology. As a player in the global oil and gas industry, we have completed several EPC contracts with some of the world's leading oil and gas companies. Our clients include AGIP (NAOC), NOTORE, Total Producing Nigeria, Shell petroleum, NNPC and

World Bank.

We are one of the leading companies in Nigeria providing power and mechanical services that enable utility and industrial customers to improve their performance while lowering negative environmental impact.

The John I. Bipialaka (JIBS) Engineering Services Limited workshop facility provides modern technology for various tasks, including civil

engineering, fabrications, rewinding electrical motors, building electrical distribution panels, and building Motor Control Centers (MCCs) and more thereby acquiring a reputation in the industry for applying the most exact international standards to all our projects, regardless of size, a factor which is largely responsible for our success as well as our decidedly bright prospect for the future. We adhere to a methodology of providing cost effective and quality driven solutions to our clients.

Mission

Our mission is to deliver innovative, reliable, and sustainable electrical engineering solutions that ensure optimal performance, safety, and customer satisfaction.

Vision

Our vision is to be a leading provider of cutting-edge electrical engineering solutions, driving innovation and sustainability to power a smarter, more efficient future.

Core Value

Our core values are innovation, integrity, safety, and sustainability. We are committed to delivering high-quality electrical engineering solutions that prioritize efficiency, trust, and environmental responsibility.



WHAT WE DO

+ Electrical Machines and Systems

+ Project Management

+ Instrumentation & Electrical Design

+ Training & Equipment Design

+ Injection Sub-stations

+ Instrumentation and Control

Additional Field Services

+ Rural Electrification

+ Start up

+ Diesel Generating Plants

+ Training

+ High Capacity Grid Stations

+ Consulting

+ Integrated Energy System Design

+ Procurement

+ Thermal & Gas Based Power Station

+ Construction

+ Supervision of construction and erection

+ Equipment Design

+ Design & Building of Injection Sub - Station (33/11KV)

+ Engineering design

+ Building of Electrical Panels (Motor Control Centers)

+ General Plant Layout

+ Building of Electrical Panels (Power Distribution Panels)

+ Electrical and Mechanical Systems

Electrical Machines & Systems

We specialize in delivering cutting-edge solutions for electrical machines and systems. Whether you're looking to upgrade your existing equipment, design a new system, or need expert maintenance and support, we are here to serve you with unparalleled expertise and dedication.

1. Electrical Machine Design & Manufacturing

We design and manufacture high-performance electrical machines tailored to your specific needs. From motors and generators to transformers and custom machines, we ensure the highest standards of quality and efficiency in every product.

2. System Integration & Solutions

Our team specializes in integrating electrical systems for maximum reliability, safety, and performance. We provide end-to-end solutions that align with your operational requirements, ensuring seamless

coordination between components for optimum functionality.

3. Installation & Commissioning

We offer expert installation and commissioning services, ensuring that all electrical systems are correctly set up, thoroughly tested, and ready to deliver high performance right from the start.

4. Maintenance & Repair Services

Our proactive maintenance services are designed to extend the life of your electrical machines and systems, minimize downtime, and reduce operational costs. In case of any malfunction, our expert technicians

offer rapid response repair services to get your systems up and running quickly.

5. Upgrades & Retrofit Solutions

Stay ahead of the curve with our upgrade and retrofit solutions. We help modernize your existing systems with the latest technology and innovations to improve efficiency, reduce energy consumption, and meet evolving industry standards. 6. Troubleshooting & Diagnostics. Our diagnostic services identify and resolve issues efficiently. We use advanced testing equipment and industry-best practices to pinpoint problems and restore optimal performance.



Project Management

We deliver innovative and effective project management solutions that drive success. Whether you're managing a large-scale initiative or a smaller project, we offer the expertise and tools to keep your efforts on track, on time, and within budget.

1. Project Planning and Strategy

We assist in defining your project scope, goals, and deliverables. Our strategic planning process includes developing detailed project plans, schedules, and risk assessments, ensuring every aspect of the project is aligned with your business objectives.

2. Budgeting and Resource Management

Our team provides precise budgeting and resource allocation, ensuring that the right resources are available at the right time, all while managing costs efficiently. We focus on delivering value within your budgetary constraints.

3. Risk Management and Mitigation

We help identify potential risks early on and create proactive solutions to minimize their impact on your project. Our risk management approach ensures your project runs smoothly without unforeseen challenges.

4. Project Execution and Monitoring

From start to finish, we monitor project progress against key milestones, adjusting timelines and resources as needed to ensure on-time delivery. Our real-time project tracking systems allow for prompt issue resolution and performance optimization.

5. Stakeholder Management and Communication

We understand the importance of engaging stakeholders and keeping all parties aligned. Our team ensures consistent communication and manages expectations, ensuring everyone involved is informed and committed to project success.

6. Post-Project Evaluation

Once the project is complete, we provide a detailed post-project review, assessing performance, lessons learned, and areas for improvement. This ensures your next project is even more successful.



Instrumentation & Electrical Design

We offer top-tier instrumentation and electrical design services, creating robust, reliable, and efficient systems for your industrial and commercial needs. Our experienced team of engineers provides innovative solutions that optimize performance, enhance safety, and ensure compliance across various sectors.

1. Electrical System Design

We design electrical systems that power your operations safely and efficiently. Our services include low-voltage and high-voltage distribution, power generation and distribution systems, electrical panel design, lighting systems, and fault analysis.

2. Instrumentation Design & Engineering

Our instrumentation design services cover the development and implementation of control and monitoring systems that measure critical parameters such as pressure, temperature, flow, and level. We provide both analog and digital instrumentation solutions that ensure your systems operate smoothly and reliably.

3. Control Systems Design

We create advanced control systems that integrate seamlessly with your processes. From PLC programming to SCADA systems, we ensure your control systems are efficient, reliable, and easy to operate.

4. Automation Solutions

We design and implement automation systems that enhance operational efficiency and reduce manual intervention.

Our solutions use the latest technologies, including DCS (Distributed Control Systems), PLC (Programmable Logic Controllers), and HMI (Human-Machine Interface).

5. System Integration & Commissioning

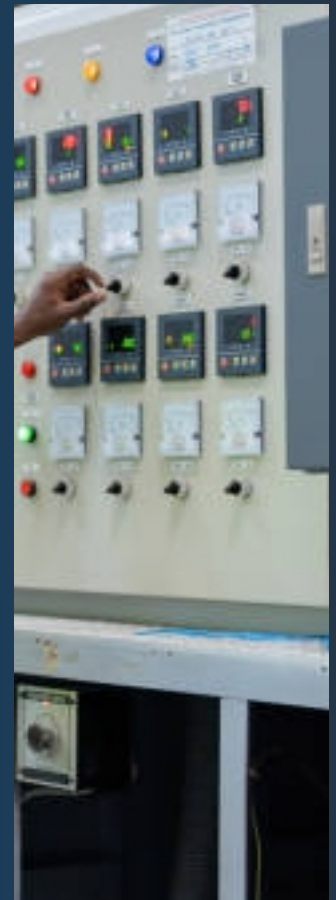
Our team provides integration of instrumentation, electrical systems, and automation into your existing infrastructure. We handle system commissioning, ensuring that all components work in harmony, from initial testing to full operational deployment.

6. Hazardous Area Design

For projects in hazardous environments, we specialize in designing electrical and instrumentation systems that meet rigorous safety standards, including explosion-proof and intrinsically safe designs.

7. Technical Support and Maintenance

We offer ongoing technical support, system upgrades, and preventative maintenance services to ensure the longevity and reliability of your systems. Our team is always available to assist with troubleshooting, repairs, and system optimization.



Training & Equipment Design

We specialize in providing world-class Training Solutions and Equipment Design services to help organizations excel and thrive in their respective industries. Whether you're looking to enhance employee skills or create custom-designed tools to optimize performance, we are here to guide you every step of the way.



1. Tailored Training Programs

We provide tailored training programs that are specifically designed to meet the unique needs of your workforce. Whether it's technical, safety, leadership, or compliance training, our interactive learning experiences are created to enhance skills and increase productivity. With both in-person and virtual training options available, we ensure that all team members, regardless of location, receive the same high-quality instruction. Our industry-specific expertise covers a wide range of sectors, from manufacturing to healthcare, ensuring that the training content is relevant and effective for each field.

2. Equipment Design & Prototyping

We specialize in custom equipment solutions, designing innovative, efficient, and durable products tailored to meet the specific needs of your business. Whether for industrial,

medical, or commercial use, our team ensures that all equipment meets the highest performance, safety, and regulatory standards. Our design process includes prototyping and rigorous testing to verify that the final product meets your specifications and performs seamlessly in real-world conditions. By utilizing cutting-edge technology in design and engineering, we create solutions that not only improve efficiency but also reduce costs and enhance safety.

3. Ongoing Support & Consultation

We are committed to continuous improvement, which is why we offer ongoing support, training updates, and consultations to help your business stay ahead of the curve. Our expert consultants are available to guide you in optimizing both your training processes and equipment design, ensuring that productivity and safety are maximized at every stage.



Injection Substations

We design, install, and maintain high-quality injection substations to ensure the safe and efficient operation of your energy systems. Whether you need a new substation or maintenance for an existing one, we are your trusted partner.

Custom Injection Substation Design and Engineering

Our expert engineers work closely with you to design custom injection substations that meet your specific energy requirements, providing end-to-end solutions from planning and design to installation. We offer power injection capacity assessments, create tailored substation designs, integrate renewable energy systems, and ensure compliance with both local and international standards.

Installation and Commissioning

Our skilled technicians manage the full installation and commissioning of injection substations, ensuring efficient operation with a focus on safety, quality, and minimal downtime. We handle site preparation, electrical connections, equipment setup, and perform thorough system testing and performance verification.

Maintenance and Upgrades

We provide ongoing maintenance and system upgrades to ensure the reliability and efficiency of your injection substation. Regular

maintenance helps reduce the risk of costly breakdowns and ensures optimal performance. Our services include routine inspections, preventive and corrective maintenance, and upgrades to enhance capacity and performance.

Emergency Response and Repairs

We offer 24/7 emergency response and repair services to quickly address power disruptions. Our team ensures fast response times, minimizing downtime and swiftly restoring normal power injection functionality.



Instrumentation and Control

We provide Electrical Instrumentation and Control services, offering solutions for the measurement, control, and automation of electrical systems. Our team serves industries like manufacturing, energy, oil & gas, and utilities, ensuring precision and reliability for critical operations.



Electrical Instrumentation Solutions

We provide advanced Electrical Instrumentation systems designed to measure, monitor, and control critical electrical parameters, including voltage, current, frequency, power, and more.

- + Voltage & Current Measurement: Highly accurate instruments to monitor and measure voltage, current, and other electrical parameters in real time.
- + Power and Energy Meters: Accurate energy management systems to help optimize power usage and reduce operational costs.
- + Protection Relays: Essential for protecting electrical systems from overloading, short circuits, and other faults.

Control Systems

Our Electrical Control Systems ensure the smooth, automated, and efficient operation of your electrical processes. We integrate the latest technology for real-time monitoring and control, offering superior reliability and performance.

- + Programmable Logic Controllers (PLC): Custom PLC solutions for automating electrical systems, improving operational efficiency, and reducing human error.
- + Supervisory Control and Data Acquisition (SCADA): SCADA systems for remote monitoring, control, and data collection, providing full visibility and control over your electrical processes.

Calibration & Maintenance

We offer expert calibration and maintenance services to ensure your instrumentation and control systems operate at peak performance:

+ Calibration Services: We calibrate electrical instrumentation to ensure accuracy and compliance with

regulatory standards.
+ Preventive Maintenance: Regular inspections and maintenance to identify and address potential issues before they cause downtime.

+ Troubleshooting & Diagnostics: Fast, reliable troubleshooting services to quickly resolve any issues that arise, minimizing system disruptions.

Some of Our Clients



Work History - Excerpts

Service Provided	Client	Year	Status
Site Assistance for BF AIS MV SWITCHGEAR MODIFICATION	Shell	2024	Ongoing
Maintenance of External & Security Light	Ajip	2023	Completed
Offloading & Installation of 2 Nos5MVA 33/11KVA Packaged Substation	NLNG	2020	Completed
Regular Maintenance of Non-caterpillar Emergency Diesel Generators	Ajip	2018	Completed
Design, Construction and Installation of AMF Panel	SPDC	2017	Completed
Revamping of MV Switchgear Breakers in Brass	Ajip	2016	Completed
Built, Supply and Installation of 2500a Changeover Panel	Lasien	2015	Completed
Replacement of Burnt Electrical Distribution Panel	Monipulo	2014	Completed
Consultant for 132KVA Electricity Transmission	MOH RVSG	2013	Completed
Supply and Installation of 126,000 single & PHCN Prepaid Meters	PHCN	2010	Completed
Purchase & Installation of 3 Nos. Generator Synchronizing Panel	Rivers State Govt.	2008	Completed
Installation of 500KVA Transformer	Total Elf	2007	Completed
Supply & Installation of Photovoltaic (solar) Streetlight	NAOC	2007	Completed

Project Highlights



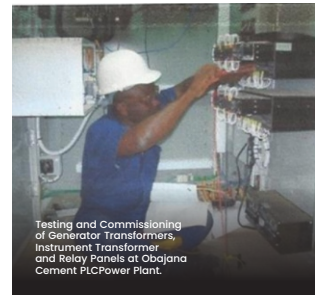
Submarine/xipe Cable Jointing
For NAOC-Agip at Akipula Platform
Obama - 2015



The building of Ekulama,
Belame AMF Panels 2500A
and Changeover panel 2000A.



Revamping of Low
and Medium Voltage
ABB Switchboards at
Santa Barbara Mobile
Production Facility



Testing and Commissioning
of Generator Transformers,
Instrument Transformer
and Relay Panels at Obajana
Cement PLC Power Plant.



Submarine/xipe Cable Jointing
For NAOC-Agip at Akipula Platform
Obama - 2015



Design, Construction, Installation and
commissioning of a CLUSTER of five (5)
Nos. Injection Sub-station, including 33/11kV
overhead lines and ancillary works for MOP
Rivers State.





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