



# CORPORATE PROFILE

RC. 1319247  
**VIBE ENGINEERING**  
*...energizing engineering*

## **ABOUT US**

VIBE Engineering Limited is a multi-faceted onshore-offshore oil & gas production, facility design and construction company. We provide comprehensive Engineering services and Project management, in line with international standard. The company's corporate offices are located in Port Harcourt and Lagos. We adopt modern engineering techniques in all our projects. We employ experienced professional staff: academicians, technicians and management experts.

VIBE Engineering's ability to execute turnkey projects in Nigeria is a key asset that makes it possible to provide services that are second to none in quality, prompt delivery and cost – effectiveness. VIBE considers the satisfaction of its clients a primary goal and in pursuant of this, we use the expertise and technical knowhow of well qualified and experienced professionals with a vast pool of modern and sophisticated equipment.

## **OUR VISION**

VIBE Engineering's vision is to lead Africa's Energy Sector to a new era of efficiency, growth and development.

## **OUR MISSION**

VIBE Engineering's mission is sustainable and profitable growth through risk-balanced and cost efficient engineering.

## **CORE VALUES**

- Create opportunities that support growth.
- Conduct business fairly and honestly.
- Practice business within both the letter and spirit of the laws which govern our decisions and actions.
- Be accountable for our actions.
- Respect diversity and treat all with dignity.
- Maintain the commitment to do the best at all times.
- Strive to protect the environment in which we operate for future generations.

## **OUR SERVICES**

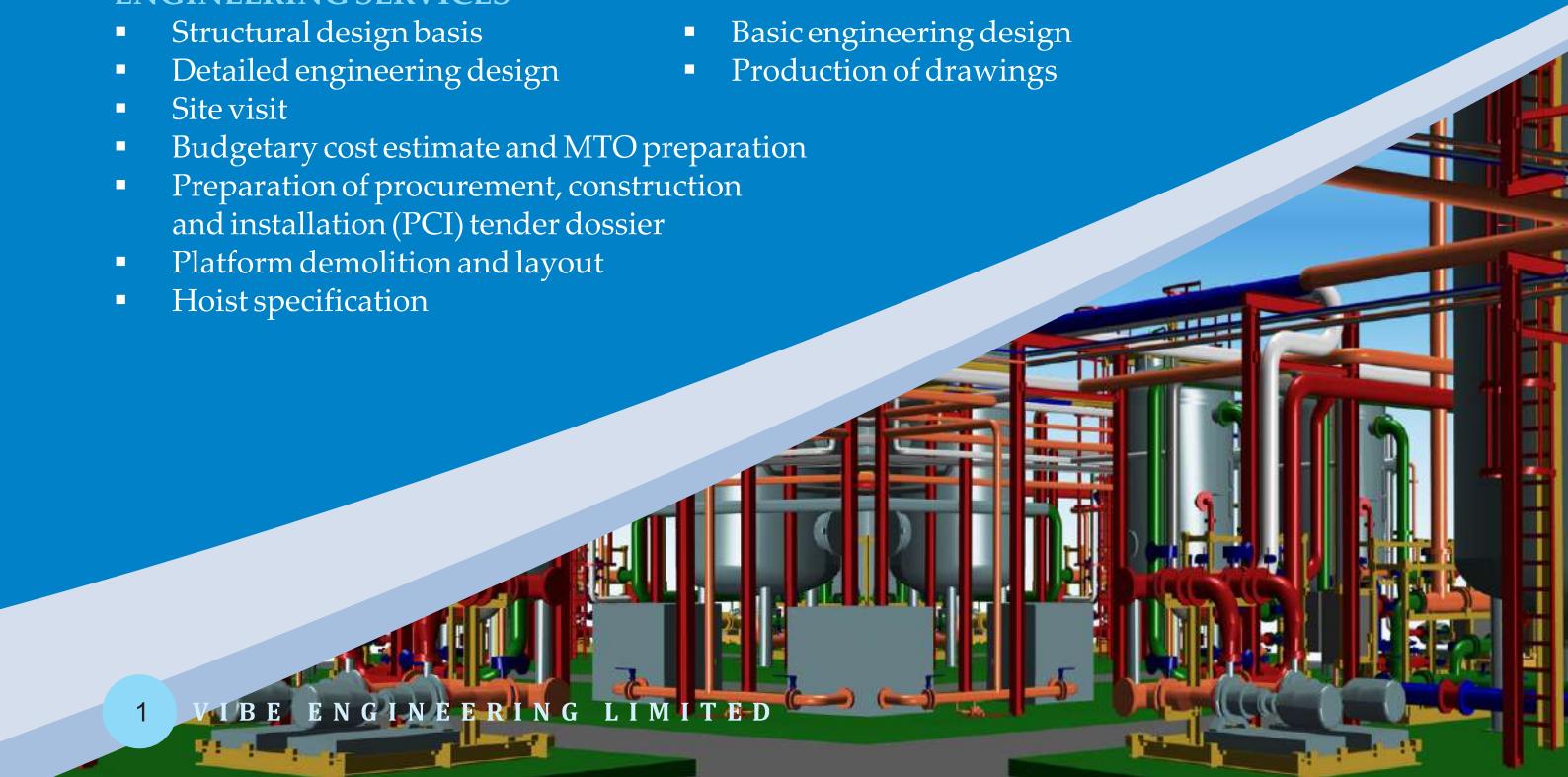
VIBE Engineering focuses on Design, Procurement and Management in the following Engineering business units:

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| <ul style="list-style-type: none"><li>▪ Mechanical</li><li>▪ Structural/Civil</li><li>▪ Electrical/Instrumentation</li></ul> | <ul style="list-style-type: none"><li>▪ Piping/Layout/Pipeline</li><li>▪ Process</li><li>▪ Offshore/Marine</li></ul> |
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*This ranges from Basic to Detail Engineering Design.*

## **ENGINEERING SERVICES**

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>▪ Structural design basis</li><li>▪ Detailed engineering design</li><li>▪ Site visit</li><li>▪ Budgetary cost estimate and MTO preparation</li><li>▪ Preparation of procurement, construction and installation (PCI) tender dossier</li><li>▪ Platform demolition and layout</li><li>▪ Hoist specification</li></ul> | <ul style="list-style-type: none"><li>▪ Basic engineering design</li><li>▪ Production of drawings</li></ul> |
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## PROCUREMENT SERVICES

Through our industry-leading procurement techniques, expertise and market intelligence, we help clients meet their current and future business needs. We have the right resources and partnerships to help you save time and energy as we strategically source from low cost countries. Leveraging dynamic market intelligence, we possess the dedicated experience and skills to navigate barriers and improve your operations

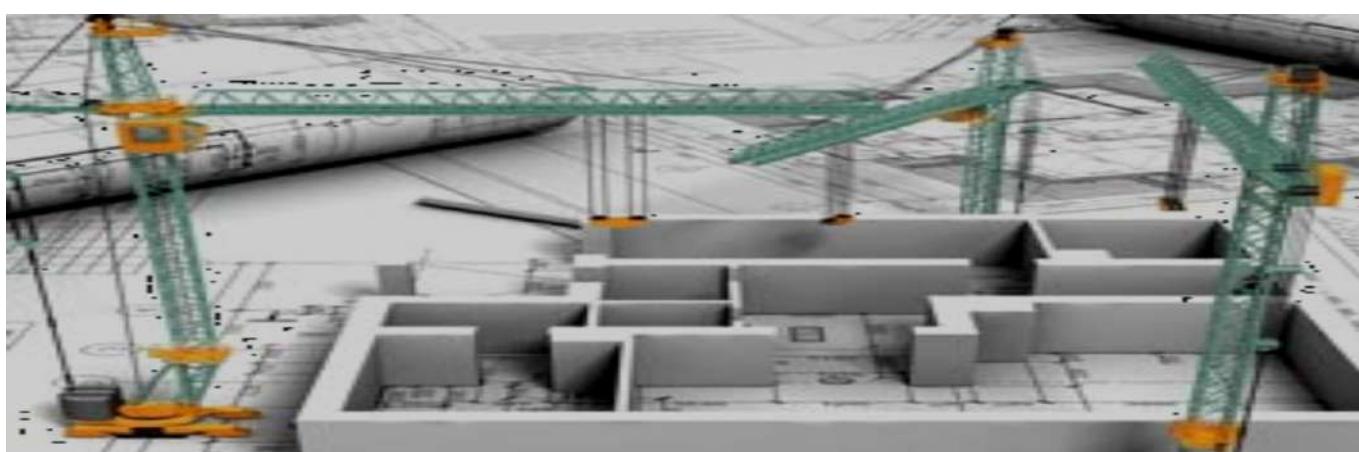
VIBE is experienced in not only providing resources to procurement groups in need, but also viable paths to achieving procurement excellence.

## TRAINING/MANPOWER SERVICES

Our aim is to accelerate the acquisition of knowledge and skills for professionals currently employed in the industry. VIBE also provides provisional training for engineers who are employed in the industry or job-related training for those intending to transfer into the industry. Workshops, often referred to as just in time, are developed by our division when training is needed to fill in-jobs demand. Just in time means "accelerated" training for in-jobs demand. The program offers an opportunity to participate in intensive instructor-led workshop, delivered through workshop style presentations.

VIBE offers specialized first-rate workshop style training programs for fresh/experienced engineers in the following engineering fields including

- Mechanical Engineering Trainings
- Electrical Engineering Trainings
- Chemical/Petroleum/Process Engineering Trainings
- Civil/Structural Engineering Trainings
- Electronics & Data Communications Trainings
- Instrumentation & Automation Control Trainings
- Project Management Trainings



## MANPOWER OUTSOURCING SOLUTIONS

With the demands for Engineering & Construction expected to rocket in the next few years, and the world going the global sourcing route, VIBE with highly experienced pool of talent, quality infrastructure offers manpower supply services solutions to meet the demands of the Oil, Gas, Process, Energy and Construction Engineering Industry.

## FACILITIES MAINTENANCE

VIBE is the first-rate facility Maintenance Services Provider, helping organizations address all aspects of their facility maintenance operations to achieve savings and improve performance. We have experience in building strategic facility maintenance best practices and bleeding-edge maintenance processes, VIBE can help your organization realize billions of hard-dollar savings. While doing so, VIBE helps to increase efficiency, responsiveness, and flexibility in your facility.

## TECHNICAL AND MANAGEMENT COMPETENCIES

VIBE Engineering Nigeria Limited is capable of providing our Clients with technical and managerial competencies necessary for achieving set objectives within an agreed timeframe. We have verse experience in executing projects for a diverse range of clientele. Consequently, we recognize the need to deploy the requisite resources in order to ensure that the objectives of Clients are satisfactorily met. To this end, we will leverage on the technical expertise of our associated technical partners. We will provide Clients with full complementary services throughout the execution of the proposed project.

In this regard, we believe that the successful implementation of the project should be managed by experienced professionals like VIBE Engineering Limited, who can deliver an efficient and robust environmental support system, which will serve as a catalyst for the rapid execution of the project.

VIBE Engineering Limited is therefore uniquely qualified to act as general contractors as it has:

- Extensive experience in the provision of comprehensive engineering management services.
- Outstanding highly qualified and experienced professionals.
- Established reputation in delivery of quality services, whilst exceeding clients' expectations.

## DESIGN COMPETENCIES STRUCTURAL DESIGN COMPETENCY

VIBE Engineering provides engineering services for the construction, upgrade, repair, revamping of swamp, onshore & offshore facilities.

**We focus mainly on:**

- Steel and Concrete Structure design
- Offshore Platforms & Flow stations Structural Upgrade Design
- Storage and Pressure Tank/Overhead Steel Tank Design
- VIBE offer services in the following areas:
- Installation studies, MTO and weight control
- Experience with Cost Estimation and Scheduling

All Structural Engineering Analysis are carried out in accordance with internationally recognized codes and standards.



## **BASIC ENGINEERING DESIGN SERVICES**

- Basic Engineering Design
- Production of Drawings
- Structural Demolition and Layout
- EPCI Work Scope, MTO and Cost Estimate

## **CIVIL DESIGN COMPETENCY**

Our Civil design capabilities cover both the onshore and offshore facilities design, focusing mainly on:

- Access roads and internal roads design
- Covered warehouse foundation design
- Overhead concrete tank design
- Generator shed and security tower/communication tower foundation design
- Casing/Piperack foundation design
- Culvert design(Reinforced Concrete)

## **PIPING AND PLANT LAYOUT DESIGN COMPETENCY**

At VIBE, we deal with a range of Piping and Mechanical Engineering Design, covering both onshore and offshore Plant.

- Piping and Mechanical Design from concept studies through FEED to Detailed Design  
We operate with other Disciplines to produce designs which incorporate the following.
- Good maintainability.
- Careful Selection of materials.
- Undertaking of design codes.
- Minimizing Risks.

Design of Oil and Gas Piping System to ASME B31.3

## **Pipeline Design Competency**

At VIBE, we offer best practice in:

- Flow assurance services
- Design and Analysis of Oil & Gas Pipeline, flow line to B31.4 and B31.8 standard
- Cathodic Protection System for Oil & Gas Pipeline
- Design of Oil & Gas Pipeline and Pump/Compressor Stations to API 1104 standard



## **PROCESS DESIGN COMPETENCY**

We undertake Process Design in both Offshore and Onshore Sectors of the Oil & Gas, Chemical/Petrochemical Industry.

### **Our Engineering Services include the following:**

- Design of a Process System for a new Field/Plant
- Design of Process System for the revamping of existing Flowstations and Platforms
- Design of Process System for the upgrading of existing Flowstations and Platforms
- HAZOP and Safety Engineering
- Production of As-Built Drawing and Dossier

## **E & I DESIGN COMPETENCY**

VIBE has experience in E & I systems design from front-end specification for Oil & Gas facilities to detailed design and commissioning of facilities. We work from project inception through start-up and commissioning. E & I work to provide technical solutions that support long-term operations and ease of maintenance.

### **E & I is responsible for the definition of:**

- Electrical power supply and distribution System Design
- Specifying and Procuring associated equipment
- Determining equipment arrangement
- Design and Specification for Motor Control Equipment
- Control Console and Panel Design
- Lighting Distribution and Layout
- Gas Detection/Fire Detection Systems Configuration
- (DCS) Distributed Control Systems for Process Control
- Emergency/Standby Power Systems
- Telemetry and Communication Systems
- All of our projects are complemented with full documentation including: detailed drawings and schematics, specifications, bill of material, wire, cable, conduit, motor and lighting schedules, and on-site inspection services during construction.

## **SOFTWARE AND EQUIPMENT**

### **Structural Stress Calculations/Modeling**

STAADPRO-finite element modeling & analysis

TEKLA Structures- Structural modeling

### **Pipeline**

Bentley Autopipe Plus-Pipeline Design

### **Piping Stress Calculation**

CAESAR II V4.10 for stress and dynamic analysis

### **Pressure Vessel Calculations**

SICAP for conception of pressure vessels

### **Electrical**

ETAP: Power system analysis and management tool

### **Instrumentation**

INTOOLS: Instrumentation Design and analysis tool

### **Computer Aided Design**

PDMS Piping, Equipment, Instrument, HVAC, Raceway (cable tray) modeling



## VIBE POLICIES

It is the policy of VIBE Engineering Limited to provide our Clients with products and Services, which conforms to all specified requirements in a timely and cost effective manner.

## QUALITY POLICY

Quality is one of the most important means of achieving the objectives of our clients and the concept of quality includes all aspects and features of a product or service. We have established a quality system based on international standards. All procedures, documentation and practice in all areas are equipped to meeting the requirement of this international standard. All personnel have the responsibility, the authority and organizational freedom to identify and evaluate quality concerns and initiate solutions.

## SAFETY POLICY

The Management of VIBE` Engineering Limited ranks supreme the safety of its personnel, the client personnel, and any other person who may be directly or indirectly involved in its operations. The management recognizes that a safe work place is a combination of several factors involving the interplay of personnel, material and equipment. Based upon this recognition, the management shall ensure:

- Suitable and adequate Personnel, material and equipment are available for Operations
  - Staff receive adequate training
  - Safety meeting, including toolbox talks are held regularly on all sites
  - Safety audits are regularly conducted to ensure compliances to safety standards, rules and regulations

VIBE Management shall demonstrate these in all her operation and shall be responsible for a safe work place, free from foreseeable risks and hazards.

## PERSONAL PROTECTIVE EQUIPMENT (PPE) POLICY

It is the policy of VIBE Engineering Limited to provide relevant and high quality Personal Protective Equipment: coverall, safety-shoes or rain-boots, Hardhats and hand-gloves for all persons engaged in her operations. Continually, the management shall enforce the effective use and maintenance of available personal protective equipment, which entails regular condition audits and replacement of defective ones.

## LOCAL CONTENT POLICY

It is the policy of VIBE Engineering Limited to comply with the provisions of the Nigerian Oil and Gas Industry Content Development Act 2010 of the Federal republic of Nigeria by ensuring that all local options are explored in sourcing for her materials and manpower required for all her projects. Her Nigerian content policy also involves making use of services and facilities rendered by Nigerians or companies incorporated in Nigeria, except when after proper research, it is established that such goods and services or facilities are not available in Nigeria.



*For more information please contact us.*

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