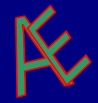


# AKMA ENGINEERING NIGERIA LIMITED



## PROFILE



- TELECOMMUNICATION-BACKBONE AND BTS SITE BUILT
- OIL AND GAS ENGINEERING
- FRONT END ENGINEERING DESIGN
- DETAILED ENGINEERING DESIGN
- AS-BUILT DOCUMENTATION
- CIVIL ENGINEERING
- CONSTRUCTION OF ROADS
  - BUILDINGS
  - BRIDGES
  - EARTHWORKS
- TURNKEY ENGINEERING INFRASTRUCTURES

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## **A. ABOUT THE COMPANY**

### **INTRODUCTION**

AKMA Engineering Nig Ltd is wholly an indigenous and a multidisciplinary Engineering Company providing engineering and construction services in the oil and gas, telecommunication, Civil Engineering Industry etc, with registration no: RC 610798. The Company has enjoyed stable and continuous growth ever since its incorporation on the Ninth day of November 2004.

AKMA Engineering is founded and managed by professionals with several years of experience in our chosen line of business. The management is ably supported by a pool of professional Engineers with vast experiences in the oil and gas industry, Civil Engineering, construction of Bridges, Earthworks and Turnkey Engineering Infrastructures.

The company has since inception successfully completed numerous projects in private and public sectors of the economy. These statements on the company's capabilities has been prepared to serve as a broad information and judgment aid for appraising AKMA's capabilities and consequently resolving the all important question of whether or not the company is worthy of patronage.

### **QUALITY POLICY STATEMENT**

We are committed to providing competitive technical services related to all our various fields of expertise that is aimed to achieve customer satisfaction at all times.

To achieve this, we will:

Continually improve the effectiveness of the quality management system (QMS) and set quality objectives and work plans;

Be committed to upgrading the capabilities of our technical and administrative staff through formal training and continuous technical quality awareness.

## **VISION STATEMENT**

To be the dominant Nigerian company providing world-class services in our chosen lines of business.

## **OUR CORE VALUES**

- ✓ Excellence
- ✓ Expertise
- ✓ Value
- ✓ Professionalism
- ✓ Dedication

Our capabilities range from feasibility studies to Turnkey contracts, including project management, engineering design, construction and commissioning activities.

AKMA Engineering has the capacity to undertake specific phases of a project, either as a main contractor or as a subcontractor.

Our key activities are:

- ✓ Construction Management
- ✓ Construction Services
- ✓ Feasibility Studies
- ✓ Front End Engineering/ Conceptual Design for oil and /or Gas Plants
- ✓ Compression Studies
- ✓ Detailed Design/ Engineering
- ✓ As-built Documentation

## **B.**

# **CONSTRUCTION SERVICES**

**AKMA Engineering Limited has the expertise to handle diverse range of construction services as required by our clients. Our staff has the ability to carry out equipment specification and to develop structures that meet client's requirements.**

### **Some of our Civil Engineering Construction Services Includes:**

- Construction of Reinforced Concrete Bridges, Steel Deck Bridges and Bridge Abutments
- Road Construction: From Initial stages, Rehabilitation or Surface Dressing
- Drainage structures- Flood and Erosion Control
- Foundation and Underground Construction
- Pile Construction
- Slopes Embankment
- Construction of Complex Buildings
- Basement Constructions
- Retaining Structures: Water Retaining Structures, Retaining Walls
- Sewage Construction etc



## Construction Services Contd....

- CIVIL ENGINEERING
- CONSTRUCTION OF ROADS
  - BUILDINGS
  - BRIDGES
  - EARTHWORKS
  - TURNKEY ENGINEERING INFRASTRUCTURES



**C.**

## **ENGINEERING DESIGN SERVICES**



- **Process**
- **Electrical**
- **Mechanical**
- **Instrumentation**
- **Civil/Structural**
- **Piping**

## PROCESS ENGINEERING

**AKMA** Process Engineering covers a wide range of services amongst which are:

- Line sizing
- Operation Philosophy
- Basis of Design (BOD)
- Process Flow Diagram (PFD)
- Process Safety Flow Diagram (PSFD)
- Safety Analysis Function Evaluation (SAFE) chart
- Piping and Instrumentation Diagram (P&ID)
- Equipment Lists
- Line Schedule
- Data Sheet

## ELECTRICAL ENGINEERING

**AKMA** Electrical Engineering covers a wide range of services amongst which are:

- Power generation (High, Medium and Low Voltage) Engineering Design
- Power Distribution (High, Medium and Low Voltage) Engineering Design
- Substation and MCC Engineering Design (High and Medium Voltage)
- DC System, Batteries back up UPS System Design
- Electrical Control System Design
- Power Survey, Electrical Study and reports
- Cathodic Protection System Design
- Protective Relay System Design
- Relay Coordination study
- Power Quality and Failure Analysis Study
- Load Shedding System design
- Turbine Generator system Design
- Emergency Diesel Generator System Design
- Variable System Drive Frequency Design
- Project Scope Development and Cost estimating
- Facility Documentation Upgrade
- NEC Code Analysis Interpretation



- Power Factor Improvement
- Hazardous Area Classifications and System Design

## MECHANICAL ENGINEERING

**AKMA** Mechanical Engineering covers a wide range of services amongst which are:

- Equipment Specification
- Preparation of Mechanical design Deliverables such as:
  - ✓ General specifications for equipment and vessel
  - ✓ Mechanical data sheets for equipment and vessels
  - ✓ Bill of materials and engineering measurements
- Sizing and Mechanical design of equipment and vessel
- Review and approval of vendor documents and drawings for client
- Preparing and analyzing data sheets for flow station facilities, like the various Gas compressors and Electric Power Generators for flow station upgrade, Gas Turbo generators for gas plant upgrade, cooler and pressure vessels etc.
- Design , Analysis and specification for different oil & gas process mechanical packages
- Sizing, thermal and Mechanical design Calculation of cooler and pressure vessels
- Industrial HVAC Design
- Pneumatic and mechanical conveying system designs
- Specialty machinery design, fabrication and installation supervision
- ASME pressure vessels, Heat exchangers, API gravity separators and others.

## INSTRUMENTATION ENGINEERING

- Technical Specifications
- Data Sheets
- Logic Diagrams
- Bulk Instrument Material takeoff
- Instrument hook-up drawings
- Instrument list
- Instrument air piping drawings
- Instrument System wiring diagram

- System specification
- System equipment list
- Loop drawings
- I/O Schematics
- Wiring block diagram
- Field device connection detail
- Conduits and Cables schedules
- Instrument lay-out drawings
- Cable tray lay-out
- Control room wiring layout

## **CIVIL/ STRUCTURAL ENGINEERING**

- Foundation Design
- Basement design
- Onshore and offshore structure design
- Pile drivability analysis
- Design fabrication drawings
- Engineering Surveys

## **PIPING ENGINEERING**

- Equipment layout
- Piping Design including
  - ✓ Piping plans
  - ✓ Piping sections
  - ✓ Piping elevations
  - ✓ Piping general arrangement drawings
  - ✓ Piping support design
- Packaged models plans/sections/elevations
- Piping Isometrics/Fabrication spools/Tie-ins
- ASME code pressure vessel design and drafting
- API storage tanks design and drafting
- On site design assistance
- Design verification exercise/review of vendor drawings

- Generating of Piping study and development of online shoots
- Piping stress analysis
- Preparation from 3-D piping drawings
- Preparation of Bill of Materials/ piping specialty items
- Design calculations

## D. KEY STAFF

S/N	NAME	DESIGNATION	QUALIFICATION
1	Engr. Akhigbe M. Adodo	Managing Director	B.Eng (Civil Engr), MBA, COREN.
2	Engr.Ogundari O. Akinsanmi	Project Director	B.Sc (Civil), MSc, COREN, MNSE.
3	Vincent Oigiangbe	P. Manager	B.Eng (Civil Engr)
4	Linda Onyemaechi	Accountant	Bsc (Banking and Finance)
5	Tony Ezeagwu	P. Manager	B.Eng (Civil Engr), MBA
6	Ehikioya Adodo	Operation Manager	B.Sc (Mcb)
7	Samuel Okhiria	Project Engineer	B.Eng (Mech Engr), MEM
8	Victor Okoise	Site Engineer /supervisor	B.Eng (Elec/Electronics Engr)
9	Olawumi Toluwani	QA/QC Coordinator	B.Sc (Civil Engr)
10	Felix Ikhienarolor	Site Engineer	B.Eng (Elec/Electronics Engr)
11	Williams Egbelle	Site Engineer	B.Eng (Civil Engr)
12	Julius Akhimen	Site Engineer	HND (Civil Engr)
13	Agbebaku Jacob	SiteEngineer / supervisor	HND (Civil Engr)
14	Paul Oigiangbe	Site Engineer	B.Eng (Elec/Electronics Engr)
15	John Imonikhe	Logistics Manager	B.Sc ( business admin)
16	Onoja John	Lead Rigger	B.A (Soc), Msc.

Note: AKMA has over 30 contract staffs

## **E. CONTACT DETAILS**

### **AKMA ENGINEERING NIGERIA LIMITED**

**3<sup>rd</sup> Floor, 35 Olowu Street,**

**Ikeja, Lagos**

**Tel: +234(0)803-9799151**

**Email: [info@akmaengineering.org](mailto:info@akmaengineering.org)**

**Website: [www.akmaengineering.org](http://www.akmaengineering.org)**



## F. PAST EXPERIENCE(SUMMARY)

S/N	AWARDED DATE	Project Description	Number of Project sites	Client & end user
1	Aug 2018 – Till date	FCDA Housing Estate Wasa, Abuja	15	Treapo Nig. Ltd
	Sept 2017- Till date	ABJ- KAD Railway corridor fencing	Lots	Afemai Global, Deux, CCECC, FGN.
3	May 2014	Painting of exteriors Water Front Tower Buildings, Lekki	1	Pan Ocean
4	Oct 2013	Construction of Depot Admin Building	1	First Royal Oil
5	Nov 2013 – Till Date	Civil works on Petroleum product depot including steel works, site reclamation , buildings, Access road etc	Lots	Bond Global Energy
6	Oct 2012– Feb 2014	Civil works on Petroleum product depot including buildings, Access road etc	Lots	Emadeb Energy Services
7	2008- TILL DATE	Full Telecom turnkey Site of varying tower height, Civil, Electrical & Equipment installation, site up grade, maintenance etc	Over 800	Huawei Technologies ( MTN, EMTS, AIRTEL ETC)
8	2007 –Till date	Helios Towers Telecomm. Co-location site, Civil works, and Tower Erections	Over 40	Helios Towers
10	2008- 2010	Full turnkey Base Station Transceiver Telecom site of varying tower height, Civil works, Equipment installation etc	12	Plessey Nig, MTN
11	2007-2008	Full turnkey Base Station Transceiver Telecom site of varying tower height, Civil works, Equipment installation etc	Over 45	Aland-Dick West Africa ( Helios Towers & MTN)
12	2005-2008	Full turnkey of varying tower height, Electrical & Equipment installation, site up grade, Site maintenance	Over 50	Reime West Africa, (MTN, V-mobile)

## G. CERTIFICATE OF INCORPORATION

RC 610798



CORPORATE AFFAIRS COMMISSION  
FEDERAL REPUBLIC OF NIGERIA

### Certificate of Incorporation

*I hereby certify that*

**AKMA ENGINEERING NIGERIA LIMITED**

*is this day incorporated under the COMPANIES AND ALLIED MATTERS ACT 1990 and that the Company is Limited By Shares.*

*Given under my hand at Abuja this Ninth day of November, 2004*



A. ALMUSTAPHA  
Registrar - General

011849

Optima - 51446 - 2/03 - P2426

AKMA Engineering Nig Ltd.



## H. PHOTO GALLERY



Emadeb Building completion



Access Road to Emadeb Depot



On-going Emadeb Building, 1.2km Fence Etc



On-going Access Road to Bond Depot



On-going Bond depot Fence, Drain and Access Road



Completed Bond Access Road and Drain





On-going Steel works at Bond Depot



On-going Civil works at Bond Depot



On-going Civil and Steel works at Bond Depot



On-going Construction works at Bond Depot



Some AKMA staff joint photos at a project site



On-going Panel Mesh Fence on Bond Depot