



**SPECIAL PRESENTATION ON
VILLA PROJECTS**



WHAT WE DO

Lambert Electromec Limited is an Engineering, Procurement, Construction & Commissioning (EPCC) company, we deal in high quality Mechanical, Electrical and Plumbing (MEP); Design & Build for Building services (Offices, Hospitals, Hotels, Institutions, Factories, Mixed-Use, Residential, etc.); Power plants and substations; Oil & Gas Modular refineries; Data centers & Telecom infrastructure.

We specialize in executing complex infrastructural projects that requires the highest level of technical knowhow.





WHAT WE PROVIDE



High Quality, Precision
Engineering and
Installation



Added Value Engineering
/Alternate Solutions



Highly Skilled Workforce



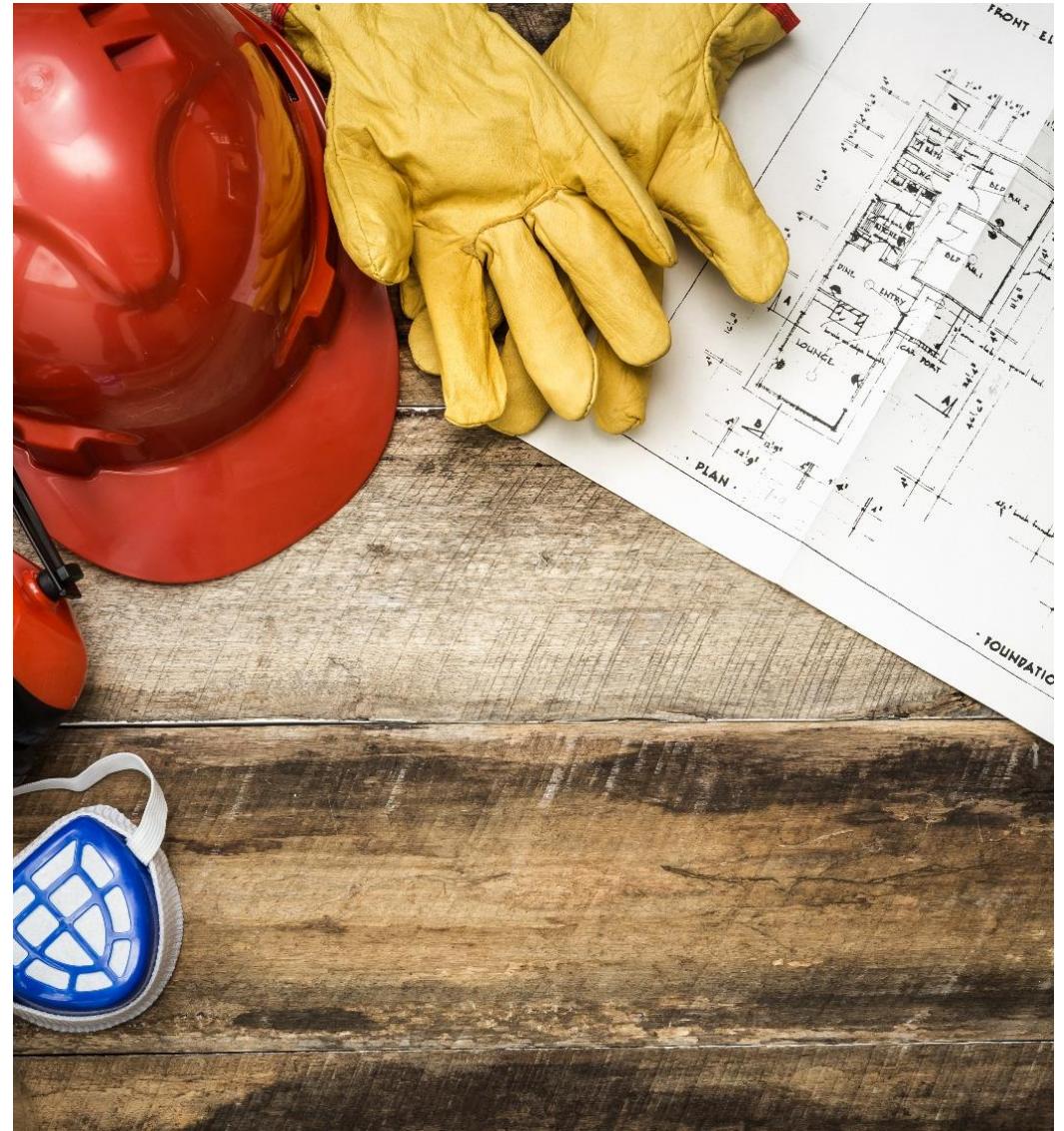
Timely Delivery



Quality Assurance
and Control



Best-in-Class HSE Measures
and Procedures





VILLA DEVELOPMENT

Lambert Electromec Limited has over the years develop a robust Electrical and Mechanical Engineering services that caters for all kinds of structures in West Africa.

EASE IN LUXURY

Lambert Electromec provides automated systems that helps the ease of living, our residential buildings are built with the latest technological features that can provide a secure and effortless navigation system in and around the home such as sensor light, smart appliances, secured and automated doors etc.



MECHANICAL SYSTEMS

HVAC

We provide Heating, Ventilation and Air Conditioning in peculiar and special structure which include:

- Chilled water and air cooled based systems
- VRV system for flexible and vast space
- Cold rooms, Boilers, thereby ensuring a healthy and safe environment

PIPED SERVICES

- Fire fighting
- Fire suppression systems
- Portable water, sewage, drainage and waste distribution network.
- Swimming pool and water feature
- Sewage and water treatment plants and controls, boreholes.
- Industrial pipe systems
- Hydraulic pipe systems





ELECTRICAL SYSTEMS

HIGH & MEDIUM VOLTAGE

- Power substations and distribution
- Metering and utility connection

LOW VOLTAGE

- Main panels/ Distribution, synchronizing panel, motor control center, capacitor bank.
- Bus duct riser and cable engineering
- Lighting control system
- Surge, earthing and lightning protect
- Uninterrupted power supply (UPS) and AVR
- Cable management system including raised floor solutions

EXTRA LOW VOLTAGE

- Home Automation system and controls
- Data & PABX systems
- Building Management Systems & Guest Room Management Systems
- Parking management system



VILLA PROJECTS PORTFOLIO



THE RESIDENCE VILLA

BANANA ISLAND VILLA

SHONIBARE VILLA

BUA RESIDENCE

PROJECTS PORTFOLIO



THE RESIDENCE VILLA

The Residence Villa is a private residential development located in Ikoyi, a prime part of the Lagos metropolis. This structure features the latest technological installations and state of the art Electrical and Mechanical systems by Lambert Electromec.



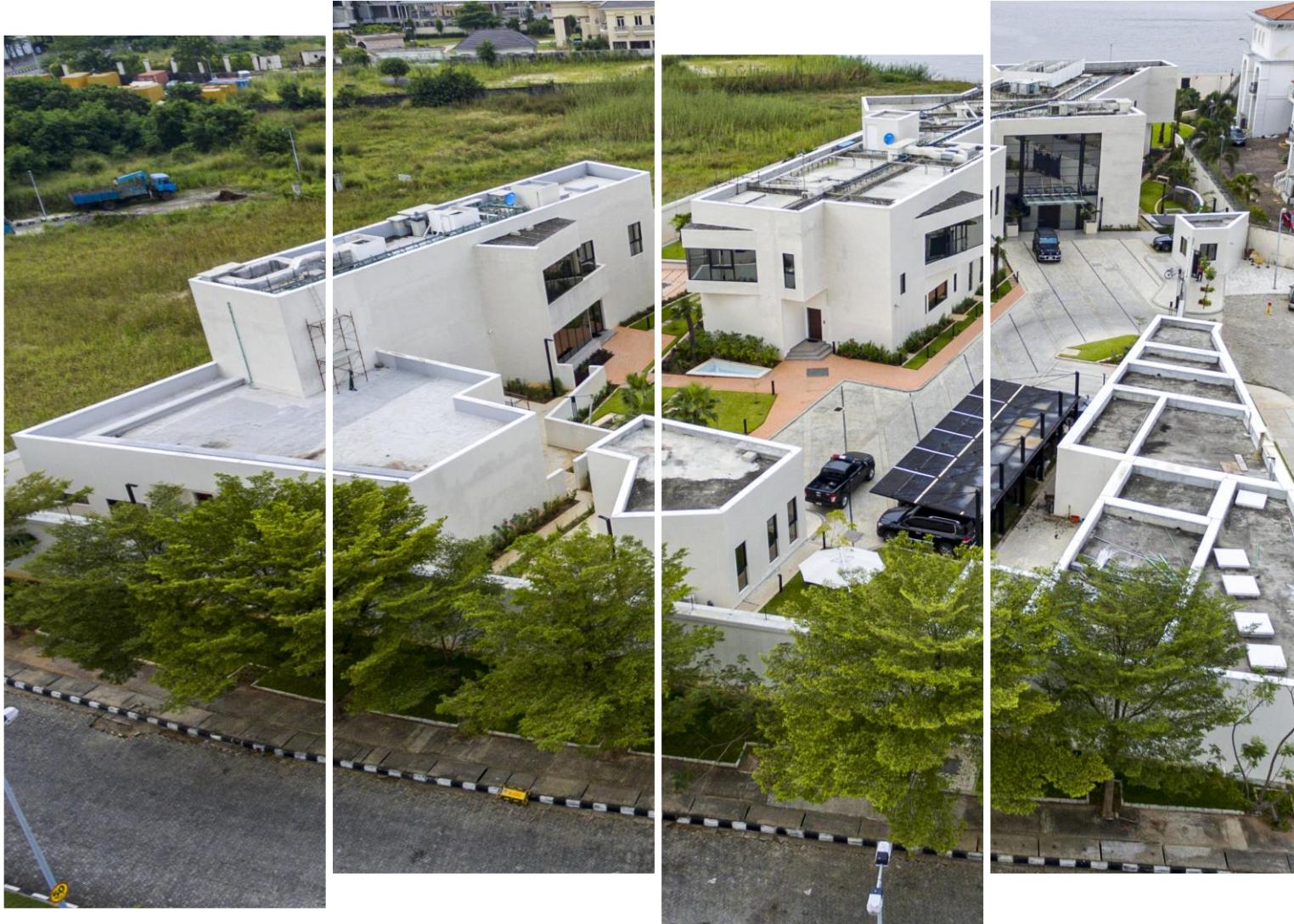


THE RESIDENCE VILLA

(TECHNICAL INFORMATION)

Project name	The Residence Queens Drive Villa
Project Location	Queens Drive, Ikoyi - Lagos
Client's Name	-
Architect	ARRCC (SA)
Interior Designer	SAOTA (SA)
MEP Consultant	CA Consultant
Main Contractor	Craneburg
Project Area	7,200 m2
Project Built Area	6,500 m2
Buildings Count & Names	1 Block including the Lower GF represents the back of the house (services) & car-park while the other 3 floors are the front of the house
Main Building Nr. of Floors	4 Floors
Gym and Spa	Existing
Swimming Pool	Skimmer pool
AC System	VRV System
Ventilation System	Central Extract System
Mechanical System (Featured only)	<ul style="list-style-type: none">▪ Water-fall Plant▪ Swimming Pool Plant▪ Water Treatment Plant▪ Sewage Treatment Plant▪ Borehole
ELV System	Home-automation, Sound System, Access Control, CCTV, Fire Alarm System and Data System
Generators	3 Generators: 300kVA Each
Special Acoustic Treatment	Sound-proof Drainage System

PROJECTS PORTFOLIO



BUA RESIDENCE

BUA Residence is an exclusive yet passion filled residential development also located in ikoyi, Lagos.

It is built with premium materials from start to finish, the green surroundings bring nature into this exquisite building.

The structure consist of the: main building, gym, guest home, mosque, utility area and staff quarters.

Lambert Electromec is proud to have executed all Electrical and Mechanical Systems in BUA Residence.

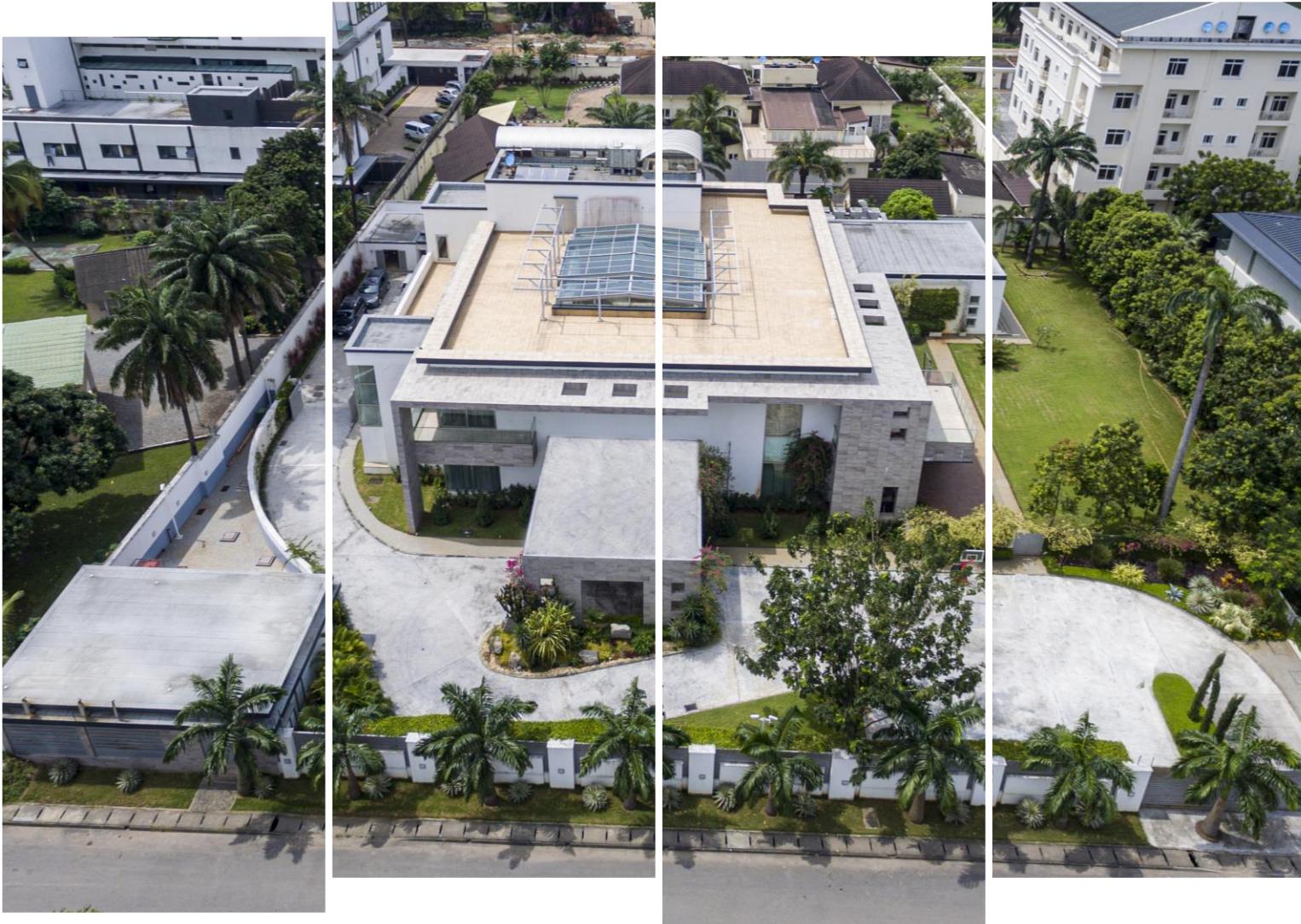


BUA RESIDENCE

(TECHNICAL INFORMATION)

Project name	BUA Chairman's Residence
Project Location	IKOYI BANANA ISLAND
Client's Name	Alhaji Abdul Samad Rabiu
Architect & Interior Designer	ECAD
MEP Consultant	Avantis Engineering
MEP Contractor	Cappa & D'aldo
Buildings Count & Names	Main Building Gym and Guest Building Staff building Utility building Landscape includes (4 water feature +BBQ area +TV lounge +Infinity Swimming pool)
Main Building Nr. of Floors	GF+1ST
Gym /Guest Building	GF+1ST
Swimming Pool	External Infinity Swimming pool
AC System	VRV system
Mechanical System (Featured only)	<ul style="list-style-type: none">▪ Water supply and Drainage▪ Installation of Sanitary Fixtures▪ Water heaters (2Nos 200L)▪ Water treatment▪ Sewage treatment▪ Irrigation System▪ Water features▪ Swimming pool▪ LPG gas for Industrial kitchen▪ Diesel system for Generator
Electrical System	<ul style="list-style-type: none">▪ 500KVA Oil type transformer +Connection to Bipolar network▪ Main and final Distribution Boards▪ Installation of Light fittings /Chandelier +Wiring accessories
ELV System	<ul style="list-style-type: none">▪ Home Automation system▪ Fire Alarm System▪ Access control system▪ CCTV system▪ Tel/Data System▪ Sound System▪ Cinema Room▪ Electrical Fence
Generators	2 nos 250KVA +1no 100KVA +Bulk tank and Day tank

PROJECTS PORTFOLIO



FRESHFIELD VILLA

Freshfield Villa boasts of lush and deluxe Electro-mechanical features which guarantee elegance and luxury, this exquisite project was executed by Lambert Electromec Limited.



FRESHFIELD VILLA

(TECHNICAL INFORMATION)

Project name	Freshfield Villa
Project Location	IKOYI, McDonalds Road
Client's Name	Chief Fola Adeola
Architect	ACCL
MEP Consultant	Avantis Engineering
Buildings Count & Names	Main Building +Staff Building +Utility Building +Gate house
Main Building Nr. of Floors	GF+1ST +TERRACE
Swimming Pool	Indoor Infinity Swimming pool
AC System	VRV system
Mechanical System (Featured only)	<ul style="list-style-type: none">▪ Water supply and Drainage▪ Installation of Sanitary Fixtures▪ Solar Water heaters system▪ Water treatment System▪ Sewage treatment▪ Swimming pool▪ Water features (Indoor +Outdoor)▪ LPG gas for Industrial kitchen▪ Diesel system for Generator
Electrical System	<ul style="list-style-type: none">▪ 500KVA Oil type transformer▪ Main and final Distribution Boards▪ Installation of Light fittings /Chandelier▪ Installation of Wiring accessories
ELV System	<ul style="list-style-type: none">▪ Fire Alarm System▪ Access control system▪ CCTV system▪ Tel/Data System▪ Electrical Fence▪ Intrusion Alarm
Generators	2Nos 250KVA Generators+60KVA +under ground Diesel tank +Day tank

PROJECTS PORTFOLIO



BANANA ISLAND VILLA

The villa is a residential development located in Banana Island, Lagos. This duplex architecture stands out on the island with the latest technological features, the Mechanical and Electrical installations are executed by Lambert Electromec Limited



BANANA ISLAND VILLA

(TECHNICAL INFORMATION)

Project name	Banana Island Villa (BIV)
Project Location	Banana Island - Lagos
Client's Name	General T.Y Danjuma (rtd)
Project Management	Consol Associate
Architect	Elie Hadad / CCP
MEP Consultant	CCP
Project Area	7,300 m2
Project Built Area	3,310 m2
Buildings Count & Names	6 blocks: Main-building, Guest Chalet, Gazebo Entertainment, 2 Gatehouses, and Boys Quarters
Main Building Nr. of Floors	3 Floors
Gym & Sauna	Existing in the main-building
Swimming Pool	Infinity pool
AC System	VRV System
Ventilation System	Central Extract System
Mechanical System (Featured only)	<ul style="list-style-type: none">▪ Central HW system▪ Stainless Steel Borehole Casing & Piping▪ Aeration Water Treatment Plant▪ RO Plant▪ Swimming Pool Plant▪ Diesel Plant
ELV System	CCTV, Fire Alarm System and Data System
Generators	2 Generators: 225kVA and 100kVA

PROJECTS PORTFOLIO



EKULO VILLA

The Ekulo Villa features advanced electrical and mechanical systems that complements and bring life to residential buildings, the villa consist of high - end automated systems that meet modern requirements.



EKULO VILLA

(TECHNICAL INFORMATION)

Project name	Ekulo Villa - Lagos
Project Location	7 Bourdillon, Ikoyi - Lagos
Client's Name	Chief Bishop Emma Okonkwo
Architect & Interior Designer	GHK Architects
MEP Consultant	IVY / IES Consultants
Main Contractor	Cappa and D'Alberto Plc
Project Area	4,210 m2
Project Built Area	3,042 m2
Buildings Count & Names	5 blocks: Main-building, Gym building, Guard & Generator House, Garage, and Servant Quarter
Main Building Nr. of Floors	3 Floors
Gym	Existing in the Gym building
Swimming Pool	Infinity pool
AC System	VRV System
Mechanical System (Featured only)	<ul style="list-style-type: none">▪ Central HW system▪ Swimming Pool Plant▪ Diesel Plant
ELV System	Introsion System, CCTV, Fire Alarm System and Data System
Generators	2 Generators: 225kVA and 100kVA
Special Acoustic Treatment	Sound-proof Drainage System

PROJECTS PORTFOLIO



SHONIBARE VILLA

The Shonibare villa describes class in all its features. It is located in Victoria Island, Lagos. The building represents modernity in its fixtures, architectures and installations.

All Electrical and Mechanical components are executed by Lambert Electromec Limited.



SHONIBARE VILLA

(TECHNICAL INFORMATION)

Project name	Shonibare Villa
Project Location	AT HAKEEM DICKSON, ONIRU, LEKKI
Client's Name	Yinka Shonibare CBE
Architect & Interior Designer	NS DESIGN CONSULTANT
MEP Consultant	BSDCL
Main Contractor	FORM WORK
Buildings Count & Names	Main Building +Gate House /Utility room
Main Building Nr. of Floors	GF+1ST +2ND +TOP ROOF(TERRACE)
Swimming Pool	External Infinity Swimming pool on 2nd floor
AC System	VRV system
Mechanical System (Featured only)	<ul style="list-style-type: none">▪ Water supply and Drainage▪ Installation of Sanitary Fixtures▪ Water heaters (2Nos 200L)▪ Sewage treatment▪ Swimming pool▪ LPG gas for Industrial kitchen▪ Diesel system for Generator
Electrical System	<ul style="list-style-type: none">▪ 200KVA Oil type transformer▪ Main and final Distribution Boards▪ Installation of Light fittings /Chandelier▪ Supply and Installation of Wiring accessories▪ PV solar system (Solar panels Inverters + Batteries)
ELV System	Fire Alarm System Access control system CCTV system Tel/Data System
Generators	1no 150KVA +Diesel tank

PROCESS MAP ARCHITECTURE



Management Processes

Operational Processes

Support Processes

Internal Audit

Customer Feedback

Data Analysis

Improvement Actions

Management Review

Customer Requirements

Business Development

Tendering

Project Material Procurement

Material Scheduling & Submittals

Project Planning & Initiation

Logistics & Support

Project Implementation

Project Close Out

Customer Satisfaction

Shop Drawing Scheduling & Production

Cost Control

Human Resources

General Procurement

Administration

Information Technology

Control of Documents

Work Environment

CONTACTS



CÔTE D'IVOIRE

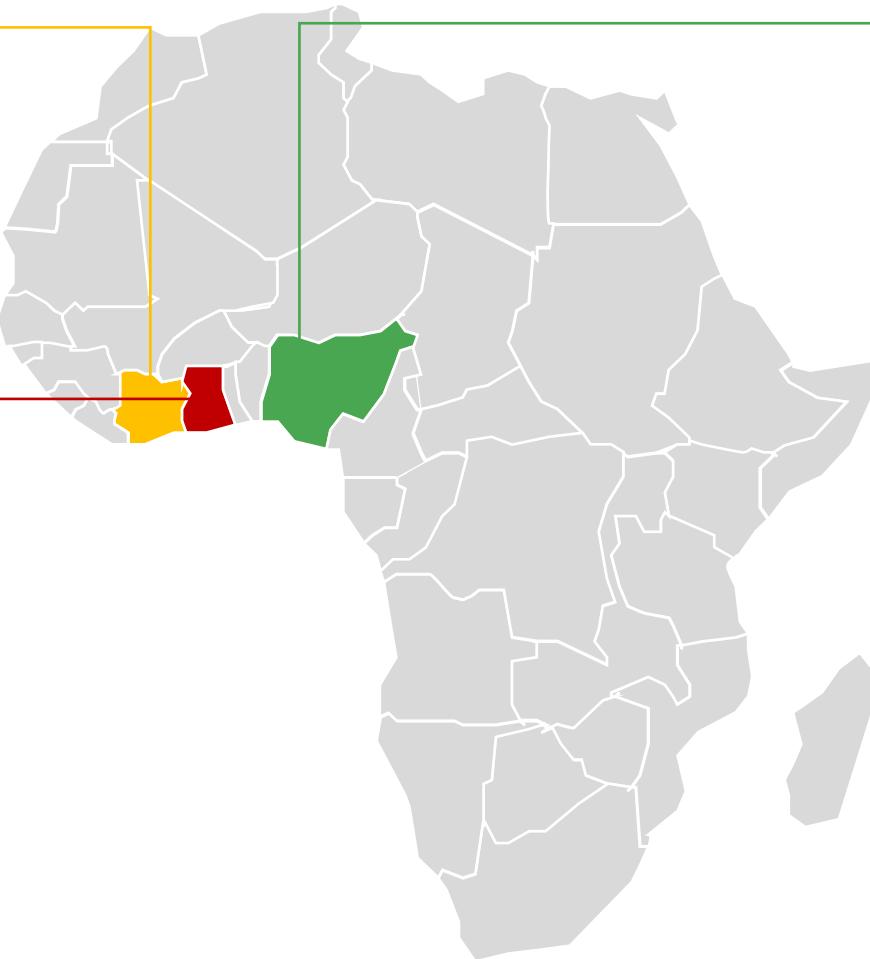
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