

## Corporate Profile



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# INTRODUCTION

We are pleased to introduce **Demettalex Engineering and Construction Company** to your corporate sector with the objective of bringing to your knowledge our ability and strength in our major areas of specialization namely In Mechanical, Structural, Metallurgy, Piping & Pipeline engineering.

We offer a dynamic full range project capacity from specialized sub-contract work to full design and build scope and have a management staff who are committed to construction Excellency through strict enforcement of safety, project control and quality assurance system.

Well focused, Professionally managed and standardized service driven, we have the years been involved in the provision of services to our ever increasing clients in Food and Beverages, the Oil producing/Refining, Fertilizer and Cement producing plants.

In addition to our permanent and regular work force, we have contract period staff strength running to sixty (60) in numbers. This manpower is absorbed mainly on contract depending on work situation and the challenges within the organization.

Our staffs have had various experiences in the field of Welding & Fabrication, Equipment & Machine installations, and general facility maintenance.

Over the years, we have carried out in the following discipline;

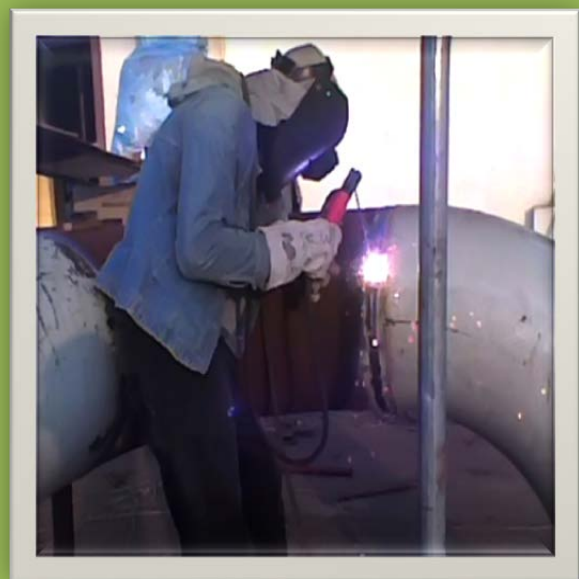
- Process piping & Orbital welding
- Equipment Installation/ erection
- Steel structures fabrication & Erection
- Tank farm construction/Pressure vessel fabrication
- Heavy duty complex industrial thermal insulation
- Pipeline construction & piping / tubular section prefabrications
- Engineering procurement
- Crude Oil/Product storage Tank repairs /Rehabilitation
- Surface treatment (high pressure jetting, grit blasting, Surface coating)
- Boilers, Air fin cooler & Heat Exchanger Retubing
- Water treatment / softening plant
- HVAC & Ducting

Being fully indigenous, we have consistently been very competitive economically in all projects undertaken thus making our clients comfortable economically and in service quality.

# Project delivery through excellence



Fermentation Tank Fabrication & Installation For Nigeria Brewery Iganmu plant.



Process Pipeline Prefabrication & Welding For Chivita



Demettalex is a long-term preferred supplier for multi-national companies and process plants. We have carried out successful projects in wide range of sizes and complexities.

## **Project Experience**

Demettalex Engineering has been a leading provider of engineering services to process plants and industry for more than 15 years. During the past 10 years, we have completed more than 10 projects for a range of Process industries clients, from start ups to Commission. Our primary services are:

- Project management & Construction management
- Procurement services
- Structural engineering
- Environmental and infrastructure
- Mechanical engineering
- Plant Piping & Pipeline Construction



Demettalex Engineering works in a wide range of industry segments. Many of our senior staff have more than 15 years of experience and have implemented projects in various plants

Our experience includes:

Beverages

Brewery

Refinery & Petrochemicals

Fertilizer Blending plant & process plants

Distilled spirits

Edible oil crush & refineries

Flour & sugar refining

Cement and bulk handling plants

## **Process Experience**

We provide complete EPC services for every aspect of process industrial plants. Specialists and professionals in all aspects of the supply chain are available to support a customer's 'in-house' team in investigating issues and recommending solutions. Our goal is to provide each customer with the right design solution, the first time.

Our multidisciplinary teams include process and packaging, and full project life cycle from feasibility to operations





**Diesel Recirculation Unit Installation & Piping**



**Onshore pipeline under Construction for Agip at Samabri/Biseni cluster location**





**Fuel treatment house under construction for Dangote Cement Plant, Ibeso**



**Dual fire turbine installation for Dangote Cement Plant, Ibeso**



## **Fabrication**

Demettalex provides a full range of construction and fabrication for client of the Food and Beverages, brewery, process plants, Petrochemicals, Onshore & Offshore industries. Divisional capacities



### **Fabrication of cement mill duct for Benue Cement Company**

DEMETTALEX understands how facilities within the industries, institutions and commercial business sector works. We have a reputation of being able to design a robust, fully mechanical and electrical systems that meets or exceed the highest standards set for the Process-plant, Food, Beverages, Brewery, pharmaceutical and Heavy industrial applications.

Our Engineers, Architects, Environmental professional specialize in evaluation, repair, renovation, rehabilitation and maintenance of existing facilities, as well as the design of new Facilities. From delivering a multi million Naira project for major global Clients to a small fit-out project for a start-up Companies. We believe of flexibility is our strength. Once we understand your specific expectation, we have the right people, technology and skill to deliver your project

## **Our Quality Control Plan**

Demettalex's quality program can be summarized in three words: performance, monitoring and documentation. Our goal is to assure that the work being performed is in accordance with the applicable drawings, specification, and contract requirements. A site-specific quality program that incorporates and conforms to the engineer's and equipment manufacturer's specifications is developed for each project. DEMETTALEX's policy is that every project must meet or exceed the established quality standards

The purpose of this document is for uniform understanding and implementation of quality management and quality control by our personnel during construction to produce the product by combination of various activities and role of Client in verification. The management of quality shall also cover co-ordination, review, approval audit and proper documentation of the works performed. Inspection and Test Plans (ITPs) shall be submitted by the QA/QC supervisor at the time of execution of the job for review by Client.

This document shall be applicable for all construction works to be followed by our personnel as well as the Client for achieving overall objective of quality of various activities during construction..

## **Storage and Material Handling**

All the material procured as above shall be stored/stacked as per the standard norms and as recommended in various clauses of relevant I.S. codes and contract document. The storage of material shall be such as to avoid damage to life/properties (physical and chemical) of the material. The storage shall not cause deterioration, rusting, mix-up etc. and hamper the other related works in any way.

The colour coding & markings shall be provided by Our personnel for piping and other fittings. PMI for alloy steel/stainless steel materials shall be

carried out on receipt at stores. Contractor shall submit his detailed warehouse plan for Client approval to manage the above in open/covered area

## **Health, Safety and Environment**

With a 2012 total recordable Experience Modification Rate (EMR) of 0.48, DEMETTALEX is one of the safest engineering, construction and project management firms in West Africa. We operate a 'Beyond Zero' policy providing us with a simple road map for establishing a unique safety, health and environment culture. Our Beyond Zero policy communicates these Six Safety Essentials to keep our staff safe.

Demettalex remains steadfast in its commitment to excellence in Safety, Security, Health and Environmental (SSH&E) performance, referred to collectively as Operation Policy & Practice. Many of our operations and activities present risk to the people and the environment. Recognizing these risks is inherent in our business, and we believe the best way to meet our commitment is through a capable, committed workforce, and practices designed to enable safe, secure and environmentally responsible operations. We accomplish this through clearly defined policies and practices, and with rigorously applied management systems designed to deliver results.

This policy is a cornerstone of our commitment to managing SSH&E risk and achieving excellence in performance. Since the inception of Policy, our SSH&E performance has improved substantially. Industry-leading lost-time incident rates have been significantly reduced. Risks to the environment have been reduced, with a remarkable decline in Manpower and Man hour lost

To drive continuous improvement, the Framework is periodically updated. This revision strengthens Framework Expectations with respect to leadership,



process safety, environmental performance, and the assessment of the policy effectiveness and is intended to:

- reinforce our belief that all safety, health and environmental incidents are preventable; and to promote and maintain a work environment in which each of us accepts personal responsibility

for our own safety and that of our colleagues, and in which everyone actively intervenes to ensure the safety, security and wellness of others.

We believe these measures will help drive Demettalex closer to our vision of a workplace where “Nobody Gets Hurt,” where “Security is Everybody’s Business.

Amongst our Client, under here give a sample listing.

- National Fertilizer Company Nigeria Ltd Now Notore Chemical Company
- Obajana Cement Company Ltd
- Benue Cement Company Ltd
- Petron Engineering Construction Company India
- Sinoma International China
- Dunlop Nigeria Ltd
- Ayoki Fabricon puni India
- Lee Engineering and Construction Company
- Julius Berger Nig
- FLSmith US
- Chi- Nig Ltd/ Chivita
- Golden Sugar Refinery.
- Flourmill /Golden penny Nigeria
- Morpol Engineering Services
- \*ROM Oil
- Sinopec / UERL
- Kaduna Refinery & Petrochemical
- Karma milk industries
- DKGITCC

## Recent Project Profile

1

Project Title	Mechanical Installation/Fabrication
Client/Contractor	Obajana Cement / General Eletric
Activity Description	Turbine Installation, piping prefabrication , Installation & NDT, Structural fabrication & Erection, Equipment installation and Thermal Insullation
Peak Project Manpower	34 personnel
Project Duration	52 Weeks
Year Completed	2007

2

Project Title	Plant Revamp
Client/Contractor	Edo Cement /FLSmiths
Activity Description	General equipment overhauling, Fabrication of chutes, Replacement of old corroded parts, Conveyors, Bucket elevator and Diaphram plate
Peak Project Manpower	28 personnel
Project Duration	15 Weeks
Year Completed	2010

3

Project Title	Mechanical Erection & Piping
Client/Contractor	Lafarge/Wartisila (Elephant cement)
Activities Description	Stack Erection, Exhaust pipe/duct erection, Structural supports, HFO & LFO Piping, Pickling, Prefabrication & Installation and Thermal Insulation works.
Peak Project Manpower	19 personnel
Project Duration	38 Weeks
Year Completed	2011



4

Project Title	Mechanical Erection of Static Equipment
Client/Contractor	Golden Sugar Refinery/ Emineo
Activities Description	Erection of Boiler ,Boiler-Structural Support, Economizer, Compensator Evaporator Compensator Main-Stack,Oil, Gas & Steam Rack, Prefabrication & Erection of Fresh Waterpiping, Steam Piping, Gas Piping Network.
Peak Project Manpower	56 personnel
Project Duration	13 months
Year Completed	2012

5

Project Title	Mechanical Erection & Piping
Client/Contractor	NGC/ Morpol Engineering
Activities Description	Slope Tanks, Portable Water-tanks, Hydrant Tanks Erection, Vent Stack Support Fabrication and Erection
Peak Project Manpower	30 personnel
Project Duration	12 Weeks
Year Completed	2012

6

Project Title	Mechanical Erection of Static Equipment
Client/Contractor	Chivita
Activities Description	Boiler Retubing & Installation, Fermentation tanks fabrication and Process piping network
Peak Project Manpower	14 personnel
Project Duration	8 months
Year Completed	2013

7

Project Title	Mechanical Erection & Static Equipment Installation
Client/Contractor	Siemens / Edo cement
Work scope	Turbine Installation, Tanks & Structural fabrication and Erection, Piping & Thermal insulation
Peak Project Manpower	21 personnel
Project Duration	4 months
Year Completed	2013

8

Client/Contractor	P&G/ Julius Berger
Activities Description	Equipment Installation, Prefabrication of piping Downcomer & Riser, Process Building Gas Piping
Peak Project Manpower	4 personnel
Project Duration	17 Weeks
Year Completed	2013

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Project Title	Fabrication and Erection
Client/Contractor	NGC/Morpol
Activities Description	54M <sup>3</sup> Hydrant Tank Erection, Fire fighting system pipe network, Fabrication and Erection of Overhead Tank and its Structures
Peak Project Manpower	12 personnel
Project Duration	17 Weeks
Year Completed	2013

10

Project Title	Fabrication, Erection and piping
Client/Contractor	Chi-pharma
Activities Description	Fabrication and Erection 60m <sup>3</sup> pharmaceutical Water purifier and 4nos Water filter, Cooling tower their pipng network installation
Peak Project Manpower	12 personnel
Project Duration	10 Weeks
Year Completed	2014

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Project Title	Tank Erection and Plant Piping
Client/Contractor	ROM Oil/CAKASA
Activities Description	Boiler installation, Tank erection and Process piping network
Peak Project Manpower	40 personnel
Project Duration	14 months
Year Completed	2014

12

Project Title	Plant Revamp
Client/Contractor	Port-Harcourt Refinery/DKG ITCC
Activities Description	Static equipment rehabilitation (Heater, pre-heater, columns and Ljustrum overhauling and installation)
Peak Project Manpower	38 personnel
Project Duration	4 months
Year Completed	2015



## OUR CONTACTS

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