



WEC

**WAYOE ENGINEERING
& CONSTRUCTION**



CONSTRUCTION CAPABILITY

YOUR TRUSTED
PARTNER IN
**ENGINEERED
PROJECT SOLUTIONS**



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WAYOE ENGINEERING
& CONSTRUCTION LTD.

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INTRODUCTION

Since 2000, Wayoe Engineering and Construction Limited (WEC) have grown into a leading global business with decades of expertise and a robust leadership, ready to take on any challenge.

As a privately-owned Ghanaian company that continues to expand our workforce and reach, we specialise in the supply and installation of structural steel, platework, piping, mechanical equipment, electrical and instrumentation, and site maintenance services.

WEC strives to deliver work ahead of schedule for all projects, providing a high level of assurance on project management processes, procedures, and systems.

ISO 9001 :2015
ISO 14001 :2015
ISO 45001:2018
BUREAU VERITAS
Certification



OUR STORY

2000
WEC began operations and worked in the mining industry. Developed became a key player in the mining industry.

2000



2017
WEC expanded to a new fabrication yard in Takoradi that can handle 120 tonnes of monthly production

2017

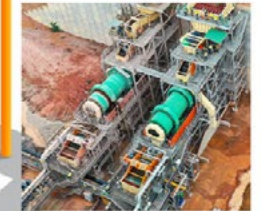


2018



Acquired 21 cranes for operations. Over \$50 million in projects have been completed in Africa.

2019



Increased presence in Africa. Became a household name in the steel construction industry

2020 - 2023

WEC expanded to a new fabrication yard in Takoradi capable of handling 600+ tons of monthly production.



WEC has delivered positive outcomes for clients on project executions of up to \$50 million. The company's growth has brought together a capable and diverse team of management and staff as it has continued to build the range of services it offers.

WEC has established an efficient and well-managed SMPP (structural steelwork, mechanical equipment, piping, and platework) and electrical & instrumentation (EC&I) installation capability, allowing the company to meet the demands of large construction projects with a quality product, a competitive price, and significant time savings.

This competitive edge is one of a number of factors that allow WEC to exceed client expectations on a regular basis across the full range of services the company provides.

CAPABILITY STATEMENT



MINING

In the last 20 years, WEC has become a household name in the mining sector across Africa, and we don't plan on stopping there. In this time, we have accumulated experience from conducting a range of

SMPP & EC&I services;

Services:

- ⌞ Construction of major greenfield developments
- ⌞ Retrofits and expansions of existing facilities (brownfield projects)
- ⌞ Detailing, Shop Fabrication and Installation
- ⌞ Maintenance
- ⌞ Shutdowns
- ⌞ Underground upgrade and maintenance



OIL & GAS

WEC was awarded a 5-year contract with MODEC/Tullow to provide onshore fabrication services for offshore operations due to being the top choice in SMPP construction.

⌞ Offshore/Subsea construction

- ⌞ Specialised Procurement Services
- ⌞ Reengineering , Maintenance & Shutdowns
- ⌞ Detailing, fabrication, assembly, and testing of subsea modules
- ⌞ Template and manifold
- ⌞ PLEM and PLET
- ⌞ Pipe spools
- ⌞ Riser bases
- ⌞ Suction piles
- ⌞ Lifting frames and beams
- ⌞ Protective structures
- ⌞ Installation aids.

⌞ Onshore construction

- ⌞ Specialised Procurement Services
- ⌞ Detailing, Fabrication & Installation
 - ⌞ Piperacks
 - ⌞ Engineered Skids
 - ⌞ Plant Structure
 - ⌞ Warehouse
 - ⌞ Tank Farms
 - ⌞ Pressure Vessels
 - ⌞ Heat Exchangers
 - ⌞ Piping Spools
 - ⌞ Site piping works
- ⌞ Reengineering , Maintenance & Shutdowns
- ⌞ Heavy Lifting Equipment Rental
- ⌞ Rope access.



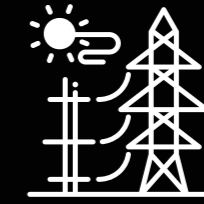
INFRASTRUCTURE & INDUSTRIAL

At WEC Infrastructure and Industrial Solutions, we offer tailor-made services of the highest standard that are cost-effective for our clients.

WEC was awarded the contract for the Takoradi Market Circle Project in Takoradi, Ghana. The scope includes but is not limited to painting, transportation, and erection of 1700+ tons of structural steel, roofing, and cladding works.

We provide:

- ⌞ Construction of workshop facilities
- ⌞ Fabrication & erection of process plant building, pipe rack & equipment erection
- ⌞ Specialised complete tank farm solutions including loading & unloading arms
- ⌞ Specialised skid-based solutions
- ⌞ Piping and pipeline solutions for unit piping and cross-country pipelines
- ⌞ Bridge decks or girders
- ⌞ Terminals and decks
- ⌞ Commercial Building & Special Architected Building projects
- ⌞ Airport terminals, specialised construction projects
- ⌞ Refineries, petrochemical & cement sector solutions
- ⌞ Utility modules.
- ⌞ Mechanical, Electrical and Plumbing (MEP) Detailing and Construction including Building Automation Solutions



POWER

We understand the importance of reliable and quality solutions for design, fabrication & erection services for power generation. So, we offer the finest quality services to ensure efficiency and effectiveness for our customers through our ultra-modern fabrication facility.

We offer:

- ⌞ Construction process modules
- ⌞ Heavy steel fabrication for turbine building, boiler structures & fuel storage facility
- ⌞ Pipe rack modules
- ⌞ Transmission towers
- ⌞ E-houses / substations
- ⌞ Solar Energy farms and industrial roof top plant installations.



CONSTRUCTION

WEC's multi-disciplinary and experienced team of construction professionals ensures excellent levels of project management and productivity. We provide superior onsite and offsite fabrication services to support our construction projects.

WEC has established a reputation for reliability by consistently delivering projects on time and on budget. We support this with the operational flexibility needed to meet client demands and the ability to deliver innovative and effective solutions. We have a track record of successfully completing projects in challenging environments.



What we do:

- ⌞ Structural steelwork
- ⌞ Platework, including chutes, hoppers, silos, tanks
- ⌞ Mechanical including pumps, motors, feeders, screens, grizzly, trommels, pulleys, drives, conveyor belting
- ⌞ Steel and alloy Piping
- ⌞ Civil and concrete works
- ⌞ Water storage systems
- ⌞ Production, storage and distribution facilities
- ⌞ Plant relocation
- ⌞ Heavy lift crange
- ⌞ Plant maintenance and shutdown services
- ⌞ Material handling systems
- ⌞ Electrical and instrumentation
- ⌞ HDPE piping
- ⌞ HVAC and other ducting services
- ⌞ Underground upgrade and maintenance

CASE STUDIES

When initiating any construction project, we consider it critical to ensure our planning and documentation clearly highlight the required project outcomes and deliverables.

WEC always develops innovative options and solutions to the challenges and issues that inevitably arise in any project to enable our clients to make informed decisions on the best way forward.





Takoradi Market Circle Project

Client: Government of Ghana

EPCM: Contracta Costruzioni Italia

Location: Ghana

Timeline: 2022 - 2023

Services: Surface protection (painting), structural and sheeting & cladding installation, heavy lift crange.

This project will make Takoradi to become one of the largest commercial centers in Ghana and will improve the everyday lives of the citizens of Takoradi.





SRL Iluka DM1 & DM2 Expansion Project

Client: Sierra Rutile Limited

EPCM: DRA Global

Location: Sierra Leone

Timeline: 2018 - 2019

Services: Structural, mechanical equipment, piping, plate works installation and heavy lift crange.

WEC was responsible for the provision of labour, heavy lift crange for the erection of structural steel, platework, and plant piping, including the installation of mechanical equipment for the plant expansion.





Scalable Ahafo Mill Expansion Project

Client: Newmont Ghana - Ahafo Mine

EPCM: DRA Global

Location: Ghana

Timeline: 2017 - 2019

Services: Detailing, supply, shop fabrication, surface protection, transportation, structural, mechanical equipment, plate works installation, handrailing & grating and heavy lift crantage.

This expansion project at the Ahafo Mill that would increase the crushing and processing capacity of the existing operation to 3.2Mtpa.





Akyem Mine Water Treatment Plant

Client: Newmont Ghana - Akyem Mine

EPCM: DRA Global

Location: Ghana

Timeline: 2021 - 2022

Services: Detailing, supply, shop fabrication, surface protection, transportation, structural, mechanical equipment, piping, plate works and sheeting installation.

The construction of this 75 liters per second treatment plant will enable the mine to fully control the water treatment process, reduce operating costs and help to meet long-term water sustainability goals.



Subika SLS Infrastructure project

Client: Newmont Ghana - Ahafo Mine

EPCM: DRA Global

Location: Ghana

Timeline: 2021 - 2022

Services: Detailing, supply, shop fabrication, surface protection, transportation, structural, mechanical equipment, piping, plate works, sheeting & cladding installation, handrailing & grating and heavy lift crange.

This project was constructed to support the Subika underground upgrade. It includes the construction of surface fans, a refrigeration plant, potable water, a fire water system, a sewer system, a hydrocarbon storage shed, a waste ore pass facility, a warehouse, and associated works.



GMC Carbonite Plant Expansion

Client: Ghana Manganese Company

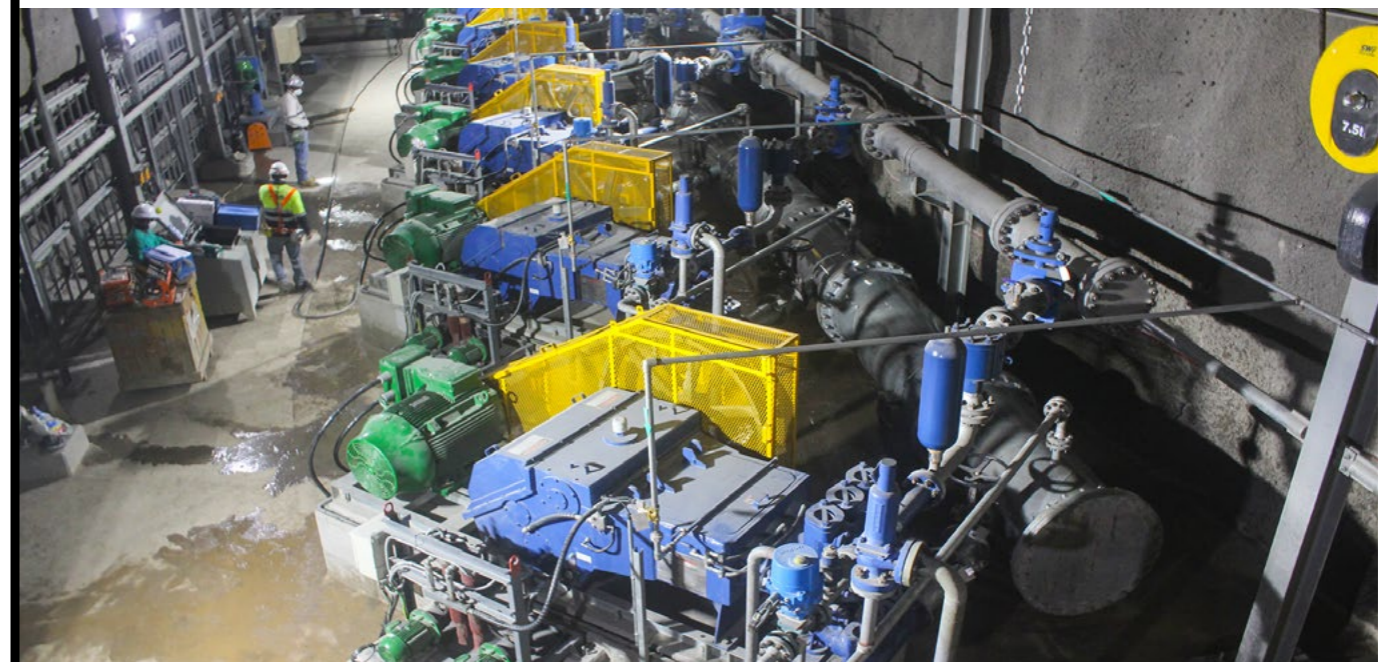
Location: Ghana

Timeline: 2018 -2019

Services: Detailing, supply, shop fabrication, surface protection, transportation, structural, mechanical equipment, plate works, handrailing & grating and heavy lift craneage.

WEC was the principal contractor for Engineering, Procurement, Construction and Management (EPCM).





Subika Underground Dewatering Project

Client: Newmont Ghana - Ahafo Mine

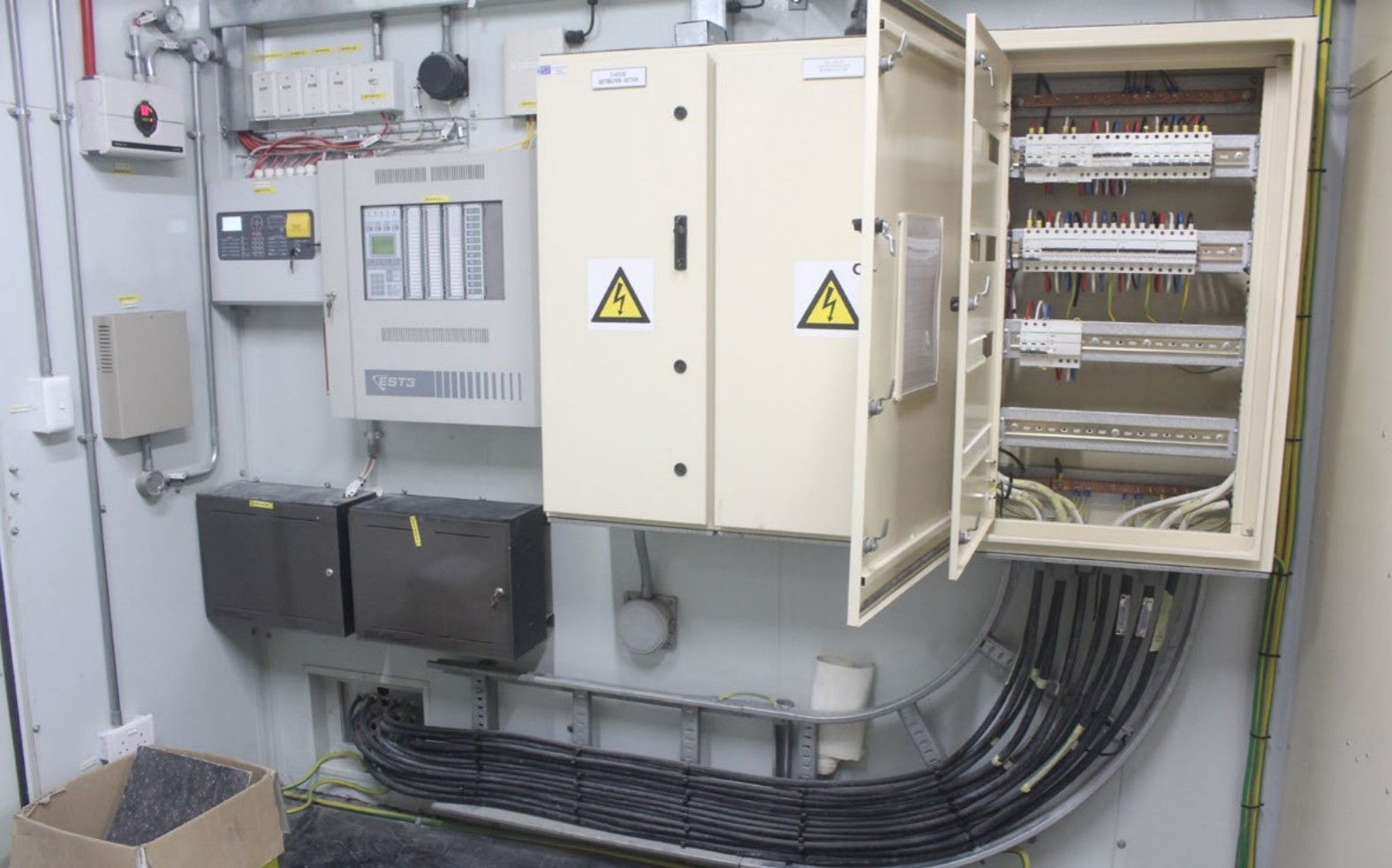
EPCM: DRA Global

Location: Ghana

Timeline: 2022 - 2023

Services: Surface protection, structural, mechanical equipment, piping, plate works, sheeting & cladding installation, handrailing & grating and heavy lift crange.

WEC was responsible for the construction phases for the Subika Underground Dewatering Project which comprises the installation of a dirty water pump station in an existing underground mine.



Subika Underground Dewatering (EC & I) Project

- Client:** Newmont Ghana - Ahafo Mine
- EPCM:** DRA Global
- Location:** Ghana
- Timeline:** 2020 - 2021
- Services:** Supply, assembly, installation, testing, punch listing and assisted with commissioning and documentation

WEC was responsible for the cable racking, Installation of a distribution transformers - 415V transformer, panels and distribution boards and termination of cables





Subika SLS Infrastructure (EC & I) project

Client: Newmont Ghana - Ahafo Mine

EPCM: DRA Global

Location: Ghana

Timeline: 2021 - 2022

Services: Supply, assembly, installation, testing, puch listing and asisted with commissioning and documentation

Installation of distribution transformers lighting transformer. 1 x 200kVA 11kV/415V transformer at each site. The assembly and erection of the 15MVA 34.5kV/11kV ONAN transformer. Cable racking, cable termination inside panels and distribution boards.



Ahafo Overland Pipeline Project

Client: Newmont Gold - Ahafo Mine

EPCM: DRA Global

Location: Ghana

Timeline: 2018

Services: Detailing, supply, shop fabrication, surface protection, transportation, structural, mechanical equipment, piping, handrailing & grating and heavy lift crane.

WEC was responsible for the installation of 630NB HDPE Pipeline and 450NB CS Pipeline (8km) and also installation of TSF facility with a 3km pipeline.



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