PERI Nigeria
Formwork Scaffolding Engineering
Dear Business Partners,

Prior to the final establishment of PERI Nigeria in Lagos 2014, it has become one of the main partners for formwork and scaffolding requirements within the West African construction market. PERI Nigeria can cater towards any project requirement, regardless of size or budget, such as commercial, industrial, infrastructure, oil and gas or housing projects.

Furthermore, PERI Nigeria draws from its regional and international expertise by utilizing a strong and extensive logistic network, with worldwide stockyard capacities as well as the facilities in Lagos. Thus are able to supply material and services, swiftly and professionally also to neighboring countries such as Benin, Cameroon, Ghana and Togo.

With the competitiveness among developers in the country always rising, a short building deadline has become common. This has given many opportunities for PERI to show exactly how the right solution can cut down construction time and deliver quality. PERI Nigeria successfully shaped various projects within and ahead of given deadlines, such as the Lekki Ikoyi Bridge, Dualization of Abuja Abaji Road or the Economic and Financial Crimes Commission Headquarters. Importantly for the contractors, the use of all systems came with initial technical drawings and calculations and ongoing training by PERI engineers – a service the company proudly offers on all projects to ensure best execution by the on-site staff and maximize efficiency – regardless of the project size.

Best service for our customers has, and always will be, at the core of PERI’s philosophy. Worldwide over 6,700 employees and more than 50 independent subsidiaries as well as 110 efficient storage sites, ensure innovative solutions to meet all customer requirements related to formwork and scaffolding technology. Meeting the challenges that arise from the ambition of the country with flexible solutions is the core of PERI’s offering. PERI looks forward to help achieving Nigeria’s continuing vision of delivering world class projects by meeting all challenges successfully.

Neset Yildirim
Managing Director
PERI Nigeria
Efficiency – The key to successful construction
Formwork. Scaffolding. Engineering. From one source.

As is still the case, formwork and scaffolding operations are a decisive cost factor in the realization of the building’s shell. Therefore, the PERI engineers and experts make every effort in order to further streamline working procedures as well as increasing user safety. The versatile application possibilities and the high quality of the system components make PERI systems so intrinsically valuable.

Our aim is to optimise user performance. We think the client is the best served by the simplest and safest solution. All our developments are therefore based on:
- Simplicity by a reduced number of system components and systematic operation procedures
- Effortless and easy understandable handling
- Safe solutions to protect the operatives and to improve workmanship

This results in several advantages for the jobsites, among others:
- Less workforce
- Quicker cycles
- Less storage space
- Higher work safety
- Higher material utilization rates
- Reduced operating hours of secondary equipment (e.g. cranes)

For every concrete structure and component, PERI provides the most suitable formwork system. The portfolio fully meets the global requirements of different construction methods and site conditions.

PERI scaffolding can be used for a very wide range of applications. Regardless whether it is frame or modular scaffold, the great flexibility leads to a high level of material utilization.

For PERI, engineering not only means product development and technical planning. In particular, PERI engineering stands for the detailed examination and optimization of formwork and scaffolding processes.

Our participation and provision of services begins long before the actual ground-breaking ceremony and goes far beyond the project completion:
- Customer support through the sales engineer
- Material on the jobsite of the customer

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Performance Leadership – Our promise for efficient solutions

PERI products are characterized through their innovative design, intelligent mechanical features and practical details – manufactured with high quality standards and thus ideally suited for dealing with the tough everyday use on the construction site.

Easy handling, maximum flexibility and, at the same time, safe application prove convincing in the long-term.

"Quality Made by PERI" is a promise to our customers.
PERI is certified according to ISO EN 9001 which sets the highest standards for an organization’s Quality Management. Product tests are conducted in-house and by German authorities to guarantee highest safety, durability and reliability.

Sustainability is our basic principle. It guarantees most efficient products and helps building a future world worth living in.

We pursue a holistic approach to minimize our environmental impact through the substitution of hazardous and procurement of eco-friendly materials as well as resource-saving production and product design. Furthermore we take care about durable and recyclable products and smart logistics.
PERI Systems – A full range of products
for fast and safe working processes

Wall Formwork
- Panel wall formwork
- Girder wall formwork
- Circular wall formwork
- Facade formwork
- Brace frames
- Push-pull props

Column Formwork
- For square- and rectangular-shaped columns
- For circular-shaped columns

Slab Formwork
- Panel slab formwork
- Girder slab formwork
- Slab tables

Bridge and Tunnel Formwork
- Cantilevered parapet formwork
- Composite bridge formwork
- Cantilever brackets
- Balanced cantilever traveller and arch cantilever carriage
  - Tunnel formwork carriages

Shoring Systems
- Steel slab props
- Aluminum slab props
- Shoring towers
- Heavy-duty props
- Heavy-duty shoring

Working Scaffold
- Reinforcement scaffold
- Working platforms
- Facade scaffold
- Staircases
- Weather protection roofs

Accessories
- Girders
- Safety systems
- Anchors
- Tie rods

Climbing Systems
- Folding platforms
- Climbing brackets
- Rail climbing systems
- Single-sided climbing systems
- Protection screens
- Self-climbing systems

Plywood
- Formwork plywood
- Commercial plywood
- Production pallets
  - for concrete block machines

Housing development
- System for the monolithic construction method
PERI Services – Best support during every project phase
for optimised project execution

Engineering

No matter how complex the project, our Engineering will support you with comprehensive technical drawings, efficient material planning and constant design support.

- Individual planning
- 3D-Planning
- Static calculations
- Personal contact persons

Maintenance and repair services

We provide professional cleaning, repair and maintenance services with the latest technology at our stockyard. This guarantees the longevity of products and best results in construction.

- Professional personnel
- Keeping quality standards
- Fast processing
- Individual coordination

Supervision

Our professional support from supervisors ensure the efficient use of PERI materials from the very beginning onwards. In close cooperation with the site manager, material use and requirements are optimized.

- On-site briefings
- Coordination and optimization
- Transparent cooperation
- Continuous performance checks

Stockyard availability for Sales

We have large stocks of genuine products available for sale. All formwork and scaffolding systems can be delivered flexibly to the customers as required by the construction sequence.

- Best material
- Optimal stock availability
- Quick response times
- In-time delivery

Any project type can quickly be supplied with formwork and scaffolding material, due to a smart regional logistic network. In case of surplus demand, exchange shipments from other stockyards ensure the uninterrupted construction at site – saving time and costs for our contractors.
Multi-storey building projects comprises construction of detached houses and apartment buildings through to modern shopping centres.

As a rule, multi-storey constructions are characterized by medium-sized down to smaller room units. For walls, columns as well as slabs, the concrete construction fulfills all requirements regarding functionality, cost-effectiveness and design. The slab construction and realization in particular play an important role. In residential construction, basement walls and floor slabs are usually cast in-situ – with individual building forms. Also in living areas, concrete is increasingly being used as a modern design element, very often combined with high architectural concrete requirements.

Although skyscrapers impress through their size, they are also increasingly considered as architectural highlights and characterize the skylines of many cities around the world.

Today’s types of construction and range of methods allow the realization of impressive architectural designs. With the help of the appropriate climbing technology, construction processes can be rationalized.

In addition, an integral part of a formwork and scaffolding solution should be a project-specific safety concept: with fall protection equipment for all stages of construction, personal protection against wind and weather when working at great heights.
Transport engineering includes civil engineering works for traffic routes such as bridges, retaining walls and tunnels. As a result, obstacles are overcome in order to create new routes and to bring people together – each integrated into the landscape or urban areas by means of a correspondingly appropriate design. Also in terms of safety, durability and cost-effectiveness, each of these structures is unique – with different supporting formwork and materials: a challenge for both the planning and execution of the building work.

**Lekki Ikoyi Bridge, Lagos**

The Lekki Ikoyi Bridge is a 1.36 km cable-stayed bridge linking the fast growing Lekki corridor of the city Lagos, Nigeria with ikoyi. With striking 90 m high changing pylon sizes and 37 piers, this bridge required a professional solution from start to finish.

**PERI Solution**

- ACS (Automatic Climbing System)
- RCS (Rail Climbing System)
- VARIO
- Engineering Support
Scaffolding technology has a wide range of applications. On construction sites, mainly reinforcement scaffolding along with working platforms are used whilst narrow facade scaffolds find use in front of buildings. Industry scaffolding serves as access and working platforms in plant construction.

Our scope of work for scaffolding solutions
- temporary structures
- working scaffold, protection scaffold, access
- safe working areas with stringent safety regulations
- reliability and versatility of the system
- engineering services

Lagos Rose of Sharon, Lagos

The Rose of Sharon Project in Lagos is a 50 m high office and residential complex comprising of 13 storeys and an underground garage.

PERI Solution
- CB Climbing System
- TRIO
- VARIO GT 24
- PERI UP Facade Scaffolding
- Engineering Support
PERI Nigeria
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