SKALA

CORPORATE PROFILE 2024

COMIPONT
we build your success

mywood

TECON 拓恒
Formwork & Scaffolding Engineering

NC SAFETY
CONSULTANTS

INDEX

COMPANY OVERVIEW

At **SKALA**, we've brought together a seasoned team of experts from a variety of fields such as formwork & scaffolding, health & safety, and method development. This diverse team is united in its commitment to delivering top-tier solutions for contractors, consultants, clients, and suppliers alike, streamlining their operations and maximizing efficiency.

OUR VISION is to be recognized as a premier firm, distinguished by our exceptional material supply services, strategic optimization, and expert consultation. We are devoted to going beyond the conventional to offer innovative solutions that not only meet but exceed our clients' expectations, ensuring unparalleled efficiency and satisfaction.

Join us as we redefine excellence in construction practices.

OUR OFFICES & MATERIAL SUPPLY
AROUND THE WORLD FOR OUR CUSTOMERS

Supplied to

North America

United States of America

Europe

Slovenia
Germany
Belgium
Ireland
Portugal
Denmark

Supplied to

Middle East, Asia

Qatar
UAE
Lebanon
Bangladesh
Kuwait

Africa

Cameroon
Ivory Coast
Ghana

Our Offices

Europe

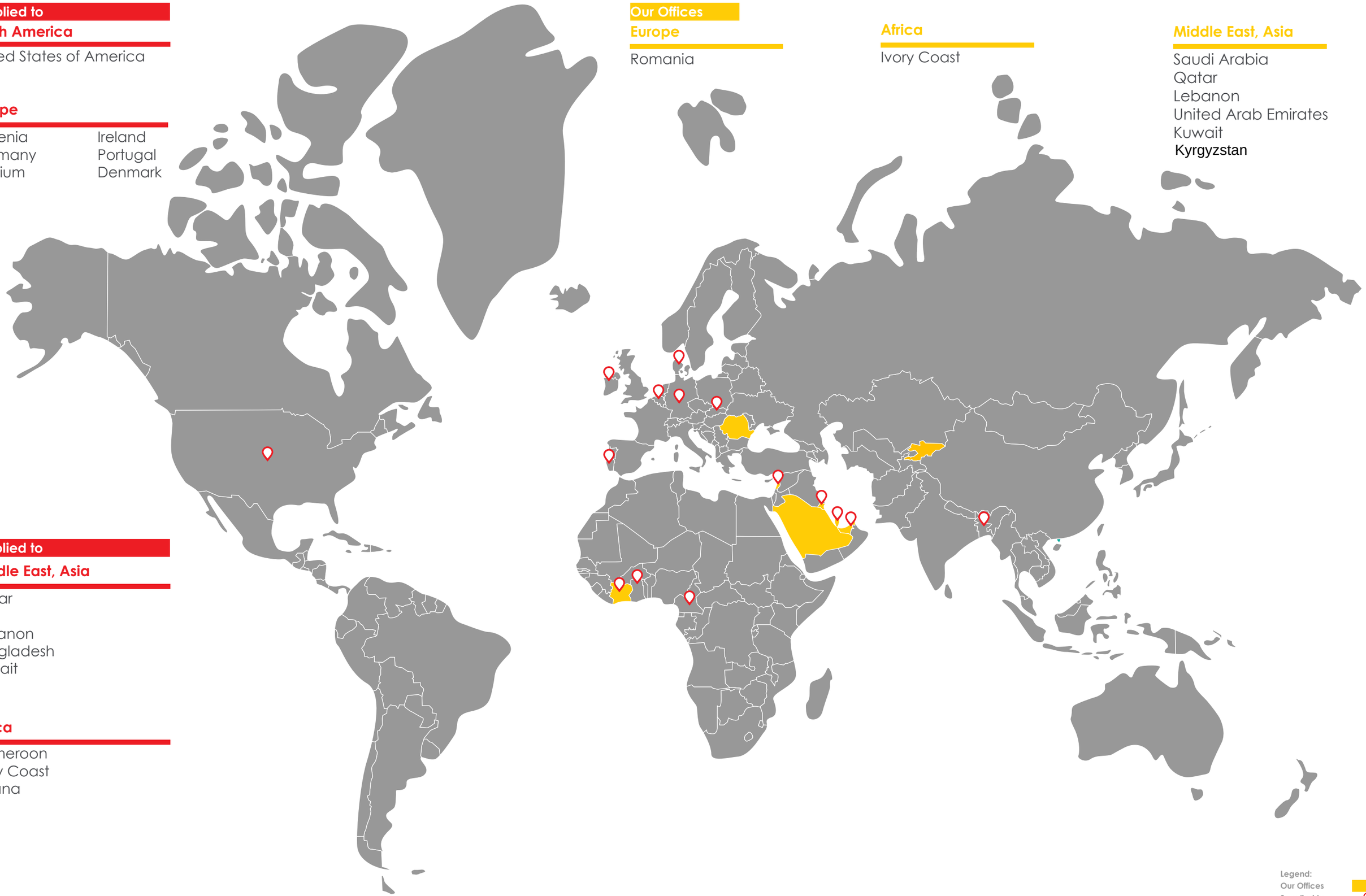
Romania

Africa

Ivory Coast

Middle East, Asia

Saudi Arabia
Qatar
Lebanon
United Arab Emirates
Kuwait
Kyrgyzstan



Legend:
Our Offices
Supplied to

OUR SERVICES

FORMWORK & SCAFFOLDING

MATERIAL SUPPLY

Our Material Supply division provides high-quality formwork and scaffolding for construction projects. Our products include wood, steel, and aluminum. We deliver on time and supply trustworthy building, bridge, and other construction supplies.

Variety: We supply a wide range of formwork systems, scaffolding systems and components.
Quality Assurance: All materials undergo rigorous quality checks to meet industry standards.
Custom Solutions: Our team assists clients in selecting the right materials based on project requirements.

ENGINEERING SERVICES

Our Engineering Services team plays a crucial role in ensuring safe and efficient construction practices. We offer a suite of services tailored to meet project needs.

Design can be based on American or European Code
Design Drawings: We design formwork and scaffolding with structural integrity, safety, and efficiency in mind.
Shop Drawings: We provide precise shop drawings that guide construction teams during assembly.
Design Calculations: Our engineers perform load calculations, stability analysis, and material selection.
Third-Party Certification: Integrating independent certifiers to verify industry standards.

OPERATION SERVICES

Our skilled team handles formwork and scaffolding installation and dismantling efficiently.

Installation: On-site assembly of formwork and scaffolding. Prioritizing safety and efficiency. Swift work to minimize delays.
Dismantling: Careful disassembly after project completion. Salvaging materials for reuse or responsible recycling. Leaving the site clean.
Training: Educating workers on assembly, usage, and dismantling procedures. Ensuring safe practices.
Site Inspection: Regular checks for stability and safety. Promptly addressing issues. Documentation for progress tracking.
Supervision: Our experts handle formwork and scaffolding meticulously. They prioritize safety, flawless assembly, alignment, and design. Supervisors optimize processes and resolve operational difficulties to boost efficiency. Their careful supervision assures project success and safety.

HEALTH&SAFETY

MATERIAL SUPPLY

Customized Solutions: We provide a wide array of PPE tailored to various industries and job roles. Whether it's hard hats, safety glasses, gloves, or respiratory protection, our experts recommend the most suitable gear for your specific needs.

Compliance Assurance: Our PPE offerings comply with industry standards and regulations, ensuring that your employees are adequately protected

At KSS, workplace safety is our priority. Our HS&E products not only protect your employees but also contribute to a culture of well-being and productivity.

ENGINEERING SERVICES

Compliance Inspections & Audits

Disability Management

Electrical Safety

Event Safety

Incident Investigations & Reporting

HSE Policies & Procedures Development

Safety Management, Professional Staffing

Health & Safety Training & Education

OTHER SERVICES

A Cost-Effective Approach to Compliance: In today's corporate landscape, organizations face increasing pressure to prioritize health, safety, and environmental (HSE) compliance. Failing to meet regulatory requirements can lead to severe financial repercussions and reputational damage.

The Costs of Non-Compliance: Non-compliance with HSE regulations can have far-reaching consequences for businesses.

The Direct & Indirect Costs Associated with Non-Compliance: The direct and indirect costs associated with non-compliance can quickly accumulate, impacting both financial stability and brand reputation. These costs may include: Penalties & Fines, Legal & Insurance Expenses, Operational Disruption, Reputational Damage.

Hiring an HSE Consultancy Firm: Hiring an HSE consultancy firm can provide a cost-effective solution to ensure compliance and mitigate the risks associated with non-compliance. Consider the following factors when assessing the ROI of engaging an HSE consultancy firm: Expertise & Guidance, Proactive Risk Management, Cost Optimization, Training & Education, Reputation Enhancement.

METHOD DEPARTMENT

1. TEMPORARY WORK SOLUTIONS

Solutions for various temporary works activities around the site. Such as crane erection and dismantling, hoist, site mobilization plan, formwork and scaffolding and any other temporary work material.

2. CONSTRUCTION PHASING

From the design stage to the execution stage of the project we assist our client in defining the construction phases for the various temporary works element.

3. 2D & 3D ANIMATION

Following the basic phasing, as per the client's requirements, a 2D or 3D presentation is produced, showing the site development, including the temporary works (i.e. tower cranes, hoists, etc.) as well as the actual building, along the timeline of the project.

4. METHOD STATEMENTS

Issuing and follow-up the method statements for the temporary works related activities until approved by the client and issued to site.

5. STRUCTURE OPTIMIZATION

We can help you with optimizing the structure for the construction phase. If in the structural design the optimization is focused on savings on the structural elements, we go further by considering the costs of the temporary/construction phase in the equation.

6. STRUCTURE STUDY

Studying the structure in the tendering phase and proposing, wherever possible, an optimization with regards to its constructibility, saving thus time, manpower and materials. Defining the methods used for building the structure.

7. FINANCIAL REVIEW

As the price of the materials is a component of the total cost, we strive to consider all the elements to find the overall cost for the client.

Between the different financial solutions such as purchase, purchase + buy-back, rental or mixed and between different systems and solutions, considering the full costs, meaning actual price for the system, manpower, consumables, lost items, accessories and the duration of assembling, dismantling and moving the materials.

Taking the best financial decision requires a comprehensive comparison, putting in balance the advantages/disadvantages of the different solutions, considering the global costs, time-frame, geographic location and return policies. As the price of the materials is but a component of the total cost, we strive to consider all the elements in order to find the overall cost for the client.

8. PLANNING & SEQUENCING

Realistic high-level phasing is developed in correlation with the planning of the project.

9. QUANTITY TAKE OFF

Analysing the structural drawings and specifications and preparing an approximate bill of quantities for individual members.

10. SITE MANAGEMENT

Materials inspections on delivery. Follow up on the system for checking scaffolding by a 3rd party, and a striking permit system in order to cast the slabs.

Constant coordination between the different trades regarding the temporary works.

KEY PROJECTS

HAMAD INTERNATIONAL AIRPORT
DOHA, QATAR

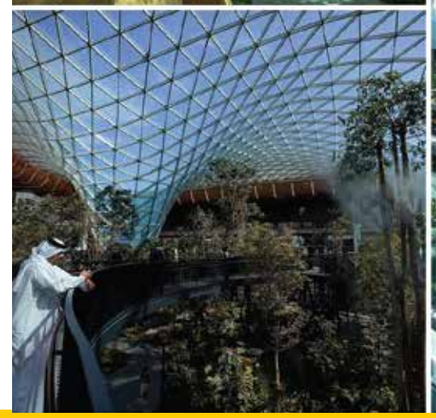
SCOPE OF WORK

Design: Our meticulous planning and design process focused on creating a customized scaffolding system for the unique characteristics of the project. Key considerations included load-bearing capacity, safety requirements, access points, and project-specific needs.

Installation: Our skilled workers executed the scaffolding installation with precision and efficiency. Components were assembled to ensure stability and strict adherence to safety standards. Strategic positioning allowed safe access for workers during construction.

Dismantling: Safety remained paramount during the dismantling phase. We carefully disassembled the scaffolding components, minimizing any impact on the surrounding environment. Proper storage and organization facilitated future reuse of the scaffolding.

Supply: Skala played a crucial role in supplying the necessary materials for the project. Our commitment to quality and reliability shines through: Comprehensive Inventory, Timely Deliveries & Collaboration.



HAMAD INTERNATIONAL AIRPORT_GARDEN GLASS DOME
DOHA, QATAR

SCOPE OF WORK

Design: For the FIFA Fan Zone, our team created a special scaffolding structure that would support enormous LED screen panels. The key considerations were access points, load capacity, and safety. It was placed exactly by skilled professionals, guaranteeing stability.

Installation: Carefully, our team installed the scaffolding. Regard it as building a secure route so that workers may reach all of the structure levels and install all of the LED panels. For effective structural procedures, we placed the scaffolding system in a strategic manner.

Dismantling: Safety remained our focus during dismantling. We took apart components carefully, minimizing impact. Organized storage allows future reuse.

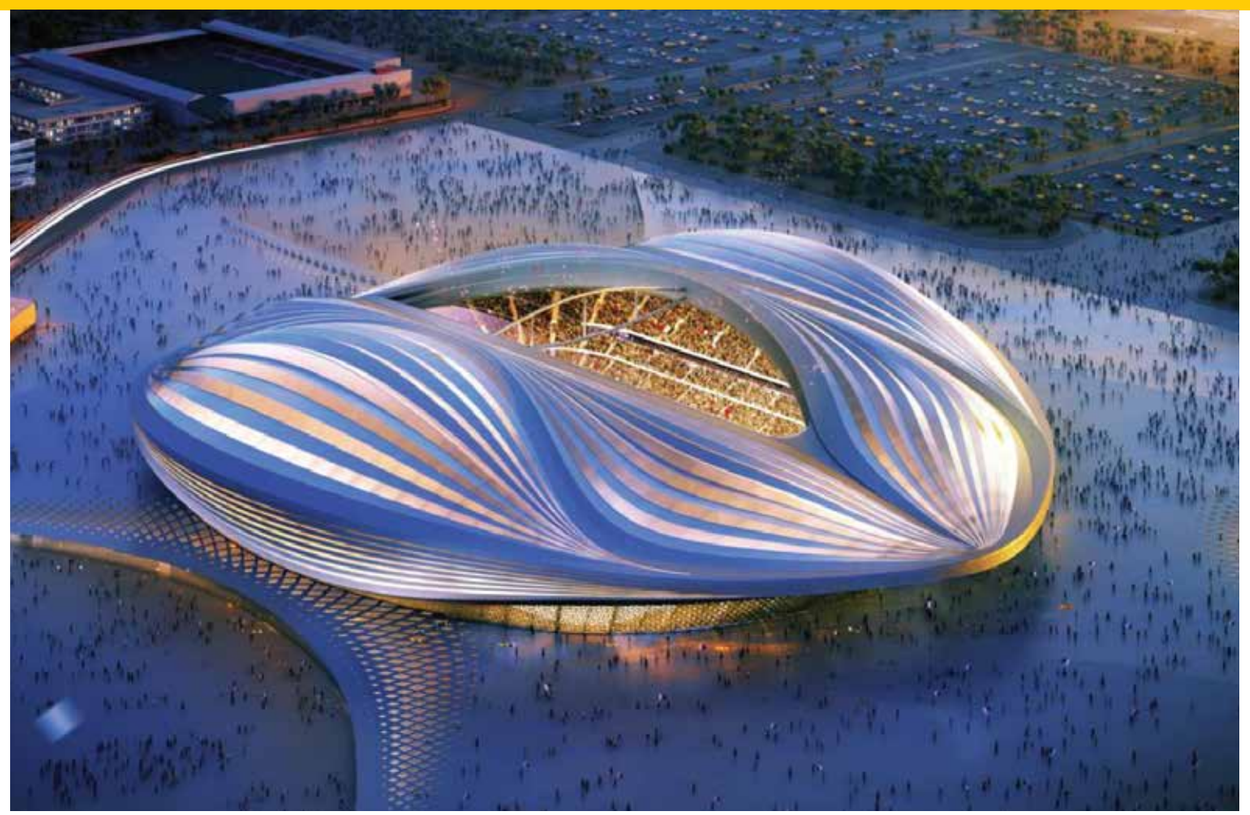
Material Supply: Timely delivery of scaffold tubes and formwork panels. Collaborated with stakeholders for seamless supply.

FIFA FAN ZONE

DOHA, QATAR

AL WAKRA STADIUM

LUSAIL, QATAR



SCOPE OF WORK

Formwork and Scaffolding Design: Our team meticulously planned and designed customized formwork and scaffolding systems for Al Wakra Stadium. Safety, load capacity, and access points were top priorities.

Slab Formwork Supply: We provided high-quality slab formwork materials for the stadium construction. Timely delivery ensured seamless progress during concrete casting. Collaborated with project stakeholders to meet project milestones.

MUBAIREK BRIDGE

DOHA, QATAR

SCOPE OF WORK

Formwork Design: Our team meticulously planned and designed a unique formwork system for the project repsecting the project specific requirements.

KEY CONSIDERATIONS:

Load-Bearing Capacity: We conducted thorough structural analyses to determine the maximum load the formwork could bear. This involved considering the weight of wet concrete, reinforcement, and any additional loads.

Concrete Pressure: Calculating the pressure exerted by fresh concrete against the formwork is crucial. We factored in the concrete mix, pouring rate, and formwork dimensions.

Formwork Stripping Schedule: We established a precise schedule for removing the formwork after concrete curing.

Safety Regulations: Compliance with safety standards was non-negotiable. Our design adhered to industry guidelines and local regulations.

DUBAI UP TOWN TOWER

DUBAI,UAE

SCOPE OF WORK

SKALA specializes in temporary works for construction projects. These essential documents provide safe work instructions for erecting, dismantling, and designing temporary structures. Our expertise includes formwork, scaffolding, propping, shoring, and falsework.

KEY POINTS:

Definition: Temporary works encompass any structure needed to construct a permanent building or support an existing one.

Roles and Responsibilities: Our skilled engineers, experienced project managers, and dedicated construction workers ensure safe execution.

Safety First: We prioritize safety, efficiency, and practicality in all our temporary works. Projects: Our portfolio includes notable projects like the Doha Qatar airport expansion garden glass dome and the Al Wakra stadium.

At SKALA, we believe that proper planning, coordination, and adherence to procedures lead to successful construction projects. Safety is paramount, and our team ensures that every temporary work meets the highest standards.

LUSAIL TOWERS
LUSAIL, QATAR

NUCLEAR POWER PLANT
BANGLADESH

SCOPE OF WORK

Our team was entrusted with the formwork design forboth projects, and we approached it with precision and expertise. The scopes included designing formwork systems for various concrete elements, such as slabs, beams, and columns.

KEY CONSIDERATIONS:

Load-Bearing Capacity: We conducted thorough structural analyses to determine the maximum load the formwork could bear. This involved considering several factors such as: Weight of Wet Concrete (We accounted for the weight of wet concrete during pouring), Steel Reinforcement (The presence of steel reinforcement significantly impacts the load-bearing capacitly) & Additional Loads(Any temporary loads such as construction equipment or workers were factored in).

Concrete Pressure: Calculating the pressure exerted by fresh concrete against the formwork is critical for safety and efficiency. We considered the following parameters: Concrete Mix (Different concrete mixes have varying densities and pressures), Pouring Rate (The rate at which concrete is poured affects the pressure distribution) & Formwork Dimensions (The size and shape of the formwork impact the pressure distribution).

Formwork Stripping Schedule: Efficient formwork stripping is essential to keep the project on track. We established a precise schedule for removing the formwork after concrete curing taking into consideration the following: Concrete Strength (Waiting for the concrete to reach the required strength before stripping), Project Timeline (Aligning formwork removal with other construction activities) & Safety Measures (Ensuring that workers can safely dismantle the formwork).

Safety Regulations: Compliance with safety standards was non-negotiable. Our design adhered to industry guidelines and local regulations, emphasizing safety for workers and the overall construction process.

HERMAS DEVELOPMENT PROJECT
LUSAIL, QATAR

SCOPE OF WORK

Formwork Design: In order to satisfy the project's particular needs, our team painstakingly developed and created a special formwork system.

FACTORS TAKEN INTO ACCOUNT:

Load-Bearing Capacity: To ascertain the maximum load that the formwork could support, we carried out in-depth structural analysis. This required taking the weight of the reinforcement, the wet concrete, and any additional loads into account.

Concrete Pressure: It is essential to compute the pressure that newly mixed concrete applies to the formwork. The concrete mix, velocity of pouring, and size of the formwork were taken into consideration.

Schedule for Formwork Stripping: Following the concrete's curing, we created a detailed plan for removing the formwork.

Safety Rules: Adherence to safety requirements was mandatory and could not be compromised. Both local laws and industry standards were followed in our design.

SCOPE OF WORK

Design: For Hermas Development Project, our team designed the formwork system for all vertical and horizontal structures. The key considerations were access points, load capacity, and safety. It was placed exactly by skilled professionals, guaranteeing stability.

Installation: Carefully, our team installed the formwork systems. Regard it as building a secure route so that workers may reach all of the structure levels insuring easy conrete pouring. For effective structural procedures, we placed then systems in a strategic manner.

Dismantling: Safety remained our focus during dismantling. We took apart components carefully, minimizing impact. Organized storage allows future reuse.

Material Supply: Timely delivery of all formwork systems and panels. Collaborated with stakeholders for seamless supply.

US EMBASSY COMPOUND
AWKAR, LEBANON

EXPERTISE & FUTURE DIRECTIONS

TEAM EXPERTISE

We take pride in being more than just a formwork company. We are a strategic partner, dedicated to delivering excellence in every project. Here's how our team stands out:

Seasoned Experts and Emerging Talents: Our team comprises seasoned industry experts who have weathered countless construction challenges. Alongside them, we nurture emerging talents—fresh minds with innovative ideas. This blend ensures a dynamic approach to formwork solutions.
Formwork Engineering Mastery: Our skilled engineers are the backbone of our success. Whether it's intricate designs, load-bearing calculations, or safety protocols, they excel in every aspect of formwork engineering.
Health & Safety: Our safety procedures go beyond compliance they reflect our genuine concern for our team, clients, and the community. From risk assessments to protective gear, we leave no stone unturned.
Construction Methods That Work: Tried-and-true methods form the bedrock of our approach. Our experienced project managers ensure seamless execution, adhering to proven practices. We understand that efficiency matters, and our methods are optimized for timely, cost-effective results.

FUTURE DIRECTIONS

At **SKALA** we're not just builders; we're visionaries. Our mission is clear: to lead the way in sustainable and innovative construction practices. Here's how we achieve it:

Formwork and Scaffolding Mastery: Skala specializes in formwork and scaffolding solutions. Our expertise ensures sturdy foundations and efficient structures, whether it's a high-rise building or an intricate architectural marvel.

Health and Safety at the Core: Safety isn't negotiable—it's our top priority. Our rigorous protocols protect our team, clients, and the environment. From risk assessments to protective gear, we leave no room for compromise.

Adaptive Learning and Technology: We thrive on continuous improvement. Skala embraces new technologies, learning from every project. Whether it's BIM modeling, modular systems, or sustainable materials, we stay ahead of the curve.

Community and Planet Impact: Our commitment extends beyond construction sites. We actively contribute to our communities and the planet. From eco-friendly practices to community engagement, Skala makes a positive difference.

SKALA
SOLUTIONS

COMPANY OVERVIEW

OUR SERVICE

KEY PROJECTS

AWARDED PROJECTS

EXPERTISE & FUTURE DIRECTIONS

SUPPLIED COUNTRIES & OFFICES

QATAR ROMANIA KUWAIT LEBANON KSA UAE IVORY COAST KYRGYZSTAN

info@skalasolutions.com
www.skalasolutions.com
+974 5570 9628
+961 7005 7037
+996 777 685828