

Structural Engineer, Somaliland

Company Overview

Pharo Construction is an international commercial company and a subsidiary of Pharo Ventures SL that has been set up to address the needs for quality construction and design services in Somaliland across large infrastructure, commercial, residential and community projects.

We have a vision of an economically vibrant and inclusive Africa. Matching that vision is our ambition to create a portfolio of sustainable business ventures that by the end of 2025, will deliver more than five thousand direct jobs across the Eastern Africa region. We have operational offices in Nairobi (Kenya), Ethiopia (Addis Ababa and Assosa) and Somaliland (Hargeisa).

Position Summary

We are looking for an experienced Structural Engineer to oversee our construction department. As a Structural Engineer and a department lead you will spend time in both the office designing and planning project details and on-site where you will provide technical advice to civil engineers and site teams.

To succeed in this role, the candidate should have hands-on experience in structural analysis of buildings using several construction methods and materials and advanced knowledge of the latest computer aided design software. The incumbent should have passion for design and construction processes and should uphold the values of the Pharo brand to its highest standards.

Role: Structural Engineer.
Reports to: Construction General Manager.
Reporting to this role: Construction Team (Somaliland).

Functional Relationships:

- Pharo Construction General Manager.
- Commercial Manager.
- Pharo Ventures Team (Somaliland).

Other Functional Relationships:

- External legal and regulatory teams.
- Customers, suppliers and service providers.
- Contractors / subcontractors.

Key Duties and Responsibilities

Technical Responsibilities

- Develop configurations of both the new build and rehab/refurbished structural project components.
- Calculate the pressures, stresses and strains that each component, such as a beam or lintel, will experience from other parts of the structure due to human use or environmental pressures such

- as weather or earthquakes.
- Consider the strength of various materials, e.g. timber, concrete, steel and brick, to see how their inclusion may necessitate a change of structural design.
 - Liaise with other designers, including architects, to agree on safe designs and their fit with the aesthetic concept of the construction.
 - Examine structures at risk of collapse and advise how to improve their structural integrity, such as recommending the removal or repair of defective parts or rebuilding the entire structure.
 - Make drawings, specifications and computer models of structures by using computers and computer-aided design (CAD) technology etc. for simulation purposes.
 - Work with geotechnical engineers to investigate ground conditions and analyse results of soil samples and in situ tests.
 - Apply expert knowledge of the forces that act on various structures.
 - Any other duty assigned by the Water Development Manager.

Leadership Skills

- Facilitate and sustain a healthy, inclusive team culture where everyone is set up to do their best work.
- Ensure site teams adhere to necessary site safety information/manuals.
- Monitor and oversee project delivery team i.e. civil engineers, supervisors, site engineers etc.
- Manage team performance and drive a culture of excellence in the organization.
- Mentor and coach staff, ensuring the organization continuously builds the internal skills complement.
- Develop and nurture relationships with the key stakeholders internally and externally including major partners.
- Ensure customer retention and build relationships that guarantees repeat business.
- Work with the team to ensure excellent customer service while monitoring customer satisfaction on a regular basis.
- Closely work with the commercial department regarding project costs and deliveries.

Qualification Requirements

- Bachelor degree in Structural Engineering or Civil Engineering.
- Master's degree in Structural Engineering is an asset.
- Minimum of 7 years of experience in building structural designs.
- Strong analytical and mathematical skills required.
- Professional Engineering license or qualification strongly preferred.
- Experience developing schematics for structures in accordance with client specifications and safety standards.
- Project development and leadership skills are essential.
- Professional work experience in developing blueprints and designs for proposed structures.
- Extensive knowledge and experience working with various computer based modelling systems such as AutoCAD or similar.
- Ability to work with various departments to facilitate the orderly execution of a proposed project plan.
- Knowledge in architecture.
- Advanced understanding of build materials, techniques and processes.

- Up to date understanding of best practices regarding building safety measures.

Behavioural Competencies

- Self-assured, internally motivated and passionate individual with outstanding communication and interpersonal skills driven to succeed and make a difference.
- Confident and has courage to stand up for what he/she believes on safety and doing the right thing.
- High professional and ethical standards.
- Risk assessment skills
- Problem solving and conflict resolution skills.
- Can work under pressure.
- Ability to influence site staff, contractors and site workers on safe work practices.
- Must possess high levels of integrity, resilience, accountability, commitment and determination.
- Excellent written and verbal communication in English.
- Very structured, process oriented and a logical thinker.
- Willing to challenge status quo and add value by introducing positive change.

Application Procedure

This position is open to both female and male nationals from Somaliland.

Review of applications will begin as soon as they are received, and only **complete** applications will be considered. In the event that an outstanding applicant is identified early in the search process, we reserve the right to appoint before the deadline. For this reason, we encourage interested candidates to apply at the earliest possible time.

Due to the high volume of applications, we regret that we will only be able to contact short-listed candidates.

How to Apply:

Please send the information below, as a single PDF file, to the following email address: applications.SL@pharoverventures.com with the subject line “**Structural Engineer, Pharo Construction Somaliland.**”

1. A detailed CV and Cover letter.
2. An essay of no more than 1,000 words detailing the experience you have gained that makes you the most qualified candidate for the role.
3. A one-page list of five (5) references with current addresses, phone numbers and email contacts.
4. Copies of your qualifications.
5. State on your application where you saw the advert for this position.