1. **Job Identification**

Title: Industrial Civil Engineer

Supervisors: Managing Director

1. **Position Summary:**

We are seeking a highly skilled and detail-oriented Industrial Civil Engineer to join our team. The successful candidate will be responsible for designing, planning, and overseeing the construction and maintenance of infrastructure and facilities in industrial settings. This role combines expertise in civil engineering principles with a deep understanding of industrial operations to optimize functionality, safety, and sustainability.

1. **Reporting Relationship**

**Managing Director**

**Civil Engineer**

1. **Key Accountabilities:**

* Develop and review civil engineering designs and plans for industrial infrastructure projects (e.g., factories, warehouses, industrial parks, water and waste systems).
* Conduct feasibility studies, site assessments, and environmental impact analyses.
* Collaborate with multidisciplinary teams including architects, mechanical/electrical engineers, and project managers.
* Ensure compliance with local, state, and federal regulations, building codes, and safety standards.
* Prepare project budgets, schedules, and cost estimates.
* Supervise construction activities and perform quality control inspections.
* Recommend and implement improvements to enhance productivity, safety, and sustainability.
* Utilize software tools (e.g., AutoCAD, Civil 3D, STAAD, MS Project) to design and model infrastructure.
* Liaise with clients, contractors, and government agencies to communicate project progress and resolve issues.

1. **Minimum requirements of the job**

**Formal education and professional qualifications**

* Bachelor’s degree in Civil Engineering or a related field (Master’s preferred).
* Professional Engineer (PE) license or equivalent (or working toward licensure).
* Strong knowledge of civil engineering principles, industrial facility design, and construction processes.
* Proficiency in engineering software such as AutoCAD, Civil 3D, SAP2000, Revit, etc.

**Relevant working experience**

* A minimum of two (2) years’ experience in the relevant field

**Preferred Skills:**

* Experience with lean manufacturing or industrial process optimization.
* Familiarity with geotechnical, structural, and environmental engineering aspects.
* Knowledge of BIM (Building Information Modeling) systems.

**Other relevant skills experience**

* Excellent interpersonal and communication skills.
* The ability to work effectively with colleagues at all levels and a wide range of senior external contacts in a high-pressure environment
* Confident and determined with the ability to work on own initiative and as a team member when required
* Ability to prioritise, meet deadlines and manage the conflicting demands of a busy workload
* Ability to work flexibly and occasionally out with office hours
* Familiarity with sustainability practices and industrial health & safety standards

**Relevant personal traits**

* Honesty& Integrity;
* Strength from cultural diversity;
* Commitment to each other; and
* Outstanding value to clients and markets.

1. **Work Environment:**

* Office-based work combined with frequent on-site visits.
* May require travel to project sites or other company locations.
* Exposure to active construction zones and industrial environments.

1. **Scope of the job**

**Responsibility for staff (direct reports)**

* Management staff
* Other staff

1. **Responsibility for internal and external relations**

**Internal**

* All departmental staff; and
* Management Team.

**External**

* Customers
* Government of Tanzania
* Contractors

1. **Approval**

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| --- | --- | --- |
|  | **Supervisor** | **Jobholder** |
| **Name** |  |  |
| **Position** |  |  |
| **Signature** |  |  |
| **Date** |  |  |

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