

Terms of Reference

1. Introduction

Post: Engineer (Sewerage)

Type: Contract (1 Year)

Note: The company may decide to extend the contract after 1 year based on performance.

Department: Water, Sewerage and Environment Department

2. Position Overview

Engineer, Sewerage will be responsible for the planning, designing, construction, and maintenance of sewerage systems in branches of Fenaka Corporation Limited. This includes overseeing the operation of waste treatment plants, sewer networks, and ensuring the effective and environmentally sound disposal and treatment sewer.

3. Reporting Relationship and Communication

Engineer will report to Lead Engineer daily and regular progress meetings will be scheduled to ensure effective communication and collaboration throughout the duration of the contract unless advised otherwise.

4. Key Responsibilities

System Design and Planning:

- Design sewerage systems and treatment facilities.
- Plan and oversee the construction of sewage pipelines and pumping stations.
- Develop long-term strategies for sewer management and infrastructure improvement.

Operations and Maintenance:

- Supervise the operation of sewer systems in branches to ensure compliance with environmental and health standards.
- Monitor and maintain sewer networks to prevent blockages, overflows, and leaks.
- Implement preventive maintenance programs for infrastructure longevity and reliability.

Regulatory Compliance:

- Ensure that all sewerage systems comply with local, state, and federal regulations of Maldives.
- Prepare reports and documentation for regulatory agencies.
- Stay updated with changes in waste treatment standards and environmental regulations.

Project Management:

- Manage sewerage infrastructure projects from conception through completion.
- Coordinate with contractors, consultants, and stakeholders.
- Oversee budget, schedule, and quality control for projects.

Environmental and Safety Management:

- Assess the environmental impacts of sewerage projects.
- Develop and implement safety protocols for employees and the public.
- Promote sustainable sewer management practices.

Technical Support and Training:

- Provide technical guidance and support to subordinates other departments and branches.
- Train personnel on the operation and maintenance of sewerage systems.

- Develop and update technical manuals and standard operating procedures.

5. Education and Experience

- A Bachelors' Degree or equivalent professional certification (MNQF level 7) in Civil Engineering, Environmental Engineering or related field with 5 years of professional work experience in sewerage system design, construction, and management or related field.

6. Skills and Competencies

- **Technical Skills:** Proficiency in engineering software (like AutoCAD, GIS), hydraulic modeling, and project management tools. Knowledge of water treatment processes and environmental regulations.
- **Analytical Skills:** Ability to analyze data, solve complex problems, and make informed decisions.
- **Communication Skills:** Strong verbal and written communication skills for reporting and interacting with various stakeholders.
- **Leadership and Management:** Proven ability to lead teams, manage projects, and work collaboratively in a multidisciplinary environment.