

Terms of Reference

1. Introduction

Post: Engineer (Water)

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, Water will be responsible for the planning, designing, construction, and maintenance of water supply systems in the branches providing water services in Fenaka Corporation Limited. This includes overseeing the operation of water treatment plants, distribution networks to ensure safe and reliable water supply and sanitation services.

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 water supply and distribution systems in branches.
- Plan and oversee the construction of water treatment facilities and pipelines.
- Develop long-term strategies for water resource management and infrastructure development.

Operations and Maintenance:

- Supervise the operation of water treatment plants to ensure compliance with health and safety standards.
- Monitor and maintain water distribution networks to prevent leaks and ensure efficient delivery.
- Implement preventive maintenance programs for infrastructure longevity.

Regulatory Compliance:

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

Project Management:

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

Environmental and Safety Management:

- Assess environmental impacts of water projects and water operations in branches.
- Develop and implement safety protocols for employees and the public.
- Promote sustainable water use and conservation practices.

Technical Support and Training:

- Provide technical guidance and support to subordinates, and other departments and branches.
- Train personnel on the operation and maintenance of water 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 at managerial level in a 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.