Thika Water & Sewerage Company Ltd.

EXCITING CAREER OPPORTUNITY AT THIKA WATER AND SEWERAGE COMPANY LIMITED (THIWASCO)

Thika Water and Sewerage Company Limited (THIWASCO) is a leading Water and Sanitation provider in Kiambu County. To consolidate growth, serve Customers better and meet its mandate, it seeks to recruit competent and result oriented professionals to be part of its team.

Position	GIS (Geographic Information System) Officer
Ref. No.	HR/MLS/06-2026
Job Grade	7
Reports to	Assets Development Manager
Terms of Service	Contract -5 Years
Duty Station	Thika

Job Purpose: Managing data conversion, design, development, and quality assurance for GIS software systems applications and GIS-related processes and projects.

Key Duties and Responsibilities

1) Create, implement, integrate and maintain GIS applications utilizing GIS software-based platforms in relation to our company.
2) Create maps and graphs, using GIS software and related equipment in our company.
3) Meeting with users to define data needs, project requirements, required outputs, or to develop applications.
4) Data creation and collection including the principles and practices of Global Positioning Systems (GPS).
5) Conducting research to locate and obtain existing databases.
6) Gathering, analysing and integrating spatial data from staff and determine how best the information can be displayed using GIS in our company.
7) Compiling geographic data from a variety of sources including customer surveys, field observation, satellite imagery, aerial photographs, and existing maps.
8) Analysing spatial data for geographic statistics to incorporate into documents and reports.
9) Designing and updating database, applying additional knowledge of spatial feature representations.
10) Analysing geographic relationships among varying types of data.
11) Taking proper safety precautions, anticipate unsafe circumstances and acts accordingly to prevent accidents.
12) Assist NRW Unit in all its mapping and GIS database functions.
13) Perform any other related duties as assigned by your supervisor

Required Qualifications Experience and Skills

- ✓ Bachelor's degree in Geographic Information System (GIS), Geo Informatics, Geospatial Science, Geography, Surveying, Urban Planning, Environmental Science, or a related field
- ✓ Proficiency in common GIS software (e.g., ArcGIS, QGIS) and spatial databases.
- ✓ At least 3 years working experience in GIS operations, preferably within infrastructure, engineering, or water utility environments.

Key Competencies and skills

(i) Organization and management skills;
(ii) Good communication skills,
(iii) Team Player.
(iv) Leadership and managerial skills;
(v) Drafting skills;
(vi) Report writing skills;
(vii) Analytical skills.