

THE UNITED REPUBLIC OF TANZANIA
PRESIDENT'S OFFICE
PUBLIC SERVICE RECRUITMENT SECRETARIAT



Ref.No.JA.9/259/01/B/3

13th June, 2024

VACANCY ANNOUNCEMENT

On behalf of the Tanzania Geothermal Development Company Limited (TGDC), the Public Service Recruitment Secretariat (PSRS) invites dynamic and suitable qualified Tanzanians to fill five (5) vacant posts mentioned below;

1.0 INTRODUCTION: TANZANIA GEOTHERMAL DEVELOPMENT COMPANY LIMITED (TGDC)

Tanzania Geothermal Development Company Limited (TGDC) is a subsidiary company of The Tanzania Electric Supply Company (TANESCO) established in December 2013 and came into operation in July 2014. The company is mandated to spearhead the development of geothermal resources in the country for power generation and direct heat applications. TGDC is mandated: to undertake upstream geothermal resource assessment including reconnaissance, geo-scientific surface explorations, drillings, reservoir assessments and pre-feasibility, to undertake mid and downstream geothermal development including project feasibility studies, steam and/or hot water field development, reservoir management, power production and direct heat uses projects, to solicit financing for geothermal resource development from various sources, to promote geothermal business and developer of alternative uses of geothermal energy than electricity including drying of crops, greenhouse farming, fish farming, poultry and husbandry, space heating, balneology, recreation, and to reach its goals, the Company intends to invest in its business, systems, and Human Capital. TGDC now invites applicants who are self-motivated, pro-active, honest, hardworking, and committed individuals to fill in the various positions mentioned hereunder:

1.1 GEOCHEMIST II - 1 POST

1.1.1 WORKSTATION: TGDC MBEYA OFFICE

1.1.2 DUTIES AND RESPONSIBILITIES

- i. To plan and execute geochemical surveys for exploration, development, utilization, and monitoring of geothermal resources in different geothermal fields
- ii. To be responsible for identifying and assessing the potential geothermal sites
- iii. To supervise technicians in sampling of rocks, water, and gases and analysis of the same in-house or at any reputable laboratory
- iv. To perform soil gases and soil temperature surveys to map geological structures and heat loss from the soil in different geothermal fields
- v. To assess geochemical data, process, and interpret using computer software, preparing geochemical reports, and developing geochemical models of the geothermal systems
- vi. To identify the characteristics of the geothermal resources including reservoir temperatures, and advise on the potential uses;
- vii. To assess the potential issues associated with the utilization of geothermal resources including corrosion and scaling and propose the mitigation
- viii. To collaborate with other geoscientists at TGDC and consultants to develop conceptual models of the geothermal systems and site the locations of wells
- ix. To participate in environmental impact assessment studies and advise on the mitigation measures in different geothermal fields
- x. To perform any other official duties as may be assigned from time to time by the supervisor(s)

1.1.3 QUALIFICATION AND EXPERIENCE

Bachelor Degree in Geochemistry, BSc with Geology (Geology and Chemistry), or Geology and Geothermal Exploration from a recognized University. Possession of Post Graduate degree in Geochemistry, Geothermal Sciences, Geoscience, or Earth Sciences will be an added advantage

1.1.4 REMUNERATION: AS PER ORGANIZATION SALARY SCALE

2.0 GEOPHYSICIST II – 1 POST

2.1 WORKSTATION: TGDC MBEYA OFFICE

2.1.1 DUTIES AND RESPONSIBILITIES

- i. To plan and execute geophysical exploration studies using different geophysical methods
- ii. To be responsible for identifying and assessing the potential geothermal fields

- iii. To undertake monitoring studies on geothermal fields
- iv. To perform borehole geophysical logging and data interpretations
- v. To process geophysical data and interpretation using computer Geo-software and preparing geophysical reports
- vi. To perform data integration for developing geothermal conceptual models
- vii. To collaborate with other geoscientists at TGDC and consultants to develop geothermal conceptual models
- viii. To site suitable locations for drilling as well as depth to the reservoir
- ix. To perform any other official duties as may be assigned from time to time by the supervisors

2.1.2 QUALIFICATION AND EXPERIENCE

Bachelor degree in Geophysics, Geothermal, Geology, Geosciences, Geology and Geothermal Exploration, or Earth Sciences. Possession of Post Graduate Degree in Geophysics, Geothermal Sciences, Geoscience, or Earth Sciences will be an added advantage.

2.1.3 REMUNERATION: AS PER ORGANIZATION SALARY SCALE

3.0 TECHNICIAN II (GEOLOGY) – 1 POST

3.1 WORKSTATION: TGDC MBEYA OFFICE

3.1.1 DUTIES AND RESPONSIBILITIES

- i. To collect rock samples from different geothermal sites
- ii. To prepare samples for laboratory analysis
- iii. To collect and analyze geological data from rock samples
- iv. To compile data for interpretation
- v. To create reports to discuss findings.
- vi. To assist geologists in their research and tasks
- vii. To perform any other duties that supervisors may assign from time to time.

3.1.2 QUALIFICATION AND EXPERIENCE

Diploma (NTA level 6) in Geology and Mineral Exploration, Exploration and Mining Geology, Petroleum Geology, Petroleum Geosciences, or Exploration Geology.

3.1.3 REMUNERATION: AS PER ORGANIZATION SALARY SCALE

4.0 TECHNICIAN II (GEOCHEMISTRY) – 1 POST

4.1 WORKSTATION: TGDC MBEYA OFFICE

4.1.1 DUTIES AND RESPONSIBILITIES

- i. To carry out sampling of water, gas, and rocks for various onsite and laboratory analysis
- ii. To treat, preservative, and preparation of samples for various analysis
- iii. To ensure proper labeling, handling, and sequencing of samples for easy identification
- iv. To carry out onsite and laboratory analysis of samples following standard analytical procedures
- v. To carry out measurements in the field including soil gases and temperature
- vi. To do quality control during sampling and analysis
- vii. To ensure the quality of data collected in the field and from laboratory analysis
- viii. To ensure geochemical equipment is stored in good condition and is working
- ix. To ensure analytical equipment (field and laboratory) is working properly
- x. To carry out calibration and setting of equipment to ensure good quality of acquired data
- xi. To develop and execute the equipment maintenance plan and records of performed and planned equipment maintenance and calibration
- xii. To prepare field and laboratory analysis reports
- xiii. To participate in the procurement of equipment, chemicals, and reagents
- xiv. To perform any other official duties as may be assigned from time to time by the supervisors

4.1.2 QUALIFICATION AND EXPERIENCE

Diploma (NTA level 6) in Science and Laboratory Technology, or Laboratory Science and Technology from a reputable Institution

4.1.3 REMUNERATION: AS PER ORGANIZATION SALARY SCALE

5.0 TECHNICIAN II (GEOPHYSICS) – 1 POST

5.1 WORKSTATION: TGDC MBEYA OFFICE

5.1.1 DUTIES AND RESPONSIBILITIES

- i. To deploy, operate and maintain geophysical equipment during field surveys to ensure proper functioning of instruments to collect high quality data
- ii. To process raw geophysical data to remove unwanted signals (noise) by following the established standard working procedures.
- iii. To carry out geophysical data logger calibration and maintenance to ensure that they are in optimal conditions.

- iv. To apply data quality control procedures to identify and address issues with data collection during field operations.
- v. To collaborate with a geophysicist to implement survey plans and assist in data interpretation.
- vi. Perform any other official duties as may be assigned from time to time by the supervisors

5.1.2 QUALIFICATION AND EXPERIENCE

Diploma (NTA level 6) in Geology and Mineral Exploration, Exploration and Mining Geology, Petroleum Geology, Petroleum Geosciences, or Exploration Geology

5.1.3 REMUNERATION: AS PER ORGANIZATION SALARY SCALE

GENERAL CONDITIONS

- i. All applicants must be Citizens of Tanzania with an age not above 45 years of age except for those who are in the Public Service;
- ii. **People with disabilities are highly encouraged to apply and should indicate clearly in the portal for Public Service Recruitment Secretariat attention;**
- iii. Applicants must attach an up-to-date Curriculum Vitae (CV) having reliable contacts; postal address/post code, e-mail and telephone numbers;
- iv. Applicants should apply on the strength of the information given in this advertisement;
- v. Applicants must attach their certified copies of the following certificates: -
 - Postgraduate/Degree/Advanced Diploma/Diploma/Certificates;
 - Postgraduate/Degree/Advanced Diploma/Diploma transcripts;
 - Form IV and Form VI National Examination Certificates;
 - **Professional Registration and Training Certificates from respective Registration or Regulatory Bodies, (where applicable);**
 - Birth certificate;
- vi. Attaching copies of the following certificates is strictly not accepted: -
 - Form IV and form VI results slips;
 - Testimonials and all Partial transcripts;
- vii. An applicant must upload recent Passport Size Photo in the Recruitment Portal;
- viii. An applicant employed in the Public Service should route his application letter through his

respective employer;

- ix. An applicant who is retired from the Public Service for whatever reason should not apply;
- x. An applicant should indicate three reputable referees with their reliable contacts;
- xi. Certificates from foreign examination bodies for Ordinary or Advanced level education should be verified by The National Examination Council of Tanzania (NECTA);
- xii. Professional certificates from foreign Universities and other training institutions should be verified by The Tanzania Commission for Universities (TCU) and National Council for Technical Education (NACTE);
- xiii. A signed application letter should be written either in Swahili or English and addressed to Secretary, Presidents Office, Public Service Recruitment Secretariat, P.O. Box 2320, Utumishi Building at University of Dodoma – Dr. Asha Rose Migiro Buildings - Dodoma.
- xiv. The deadline for application is **26th June 2024**;
- xv. Only shortlisted candidates will be informed on the date of the interview and;
- xvi. Presentation of forged certificates and other information will necessitate legal action;

NOTE: All applications must be sent through the Recruitment Portal by using the following address; <http://portal.ajira.go.tz/> and not otherwise (This address also can be found at the PSRS Website, Click '**Recruitment Portal**')

Released by:

**Ag. SECRETARY
PUBLIC SERVICE RECRUITMENT SECRETARIAT**