

# UNITED REPUBLIC OF TANZANIA



## PRESIDENT'S OFFICE PUBLIC SERVICE RECRUITMENT SECRETARIAT

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12<sup>th</sup> December, 2018

### VACANCIES ANNOUNCEMENT

On behalf of Tanzania Railway Corporation (TRC), The Cereals and Other Produce Board of Tanzania and Water Institute (WI) President's Office, Public Service Recruitment Secretariat invites qualified Tanzanians to fill **158** vacant posts as mentioned below;

#### 1. INTRODUCTION - TANZANIA RAILWAY CORPORATION (TRC)

Prior to May-2017, Tanzania owned a Railway network built more than 115 years ago by Germany and later British, along central corridor having Meter Gauge standards. The GoT through TRC is has lunched development of SGR network whereby as of to date, Feasibility Studies are completed to cover more than 4,880 route-km of SGR network in the Country, distributed in three corridors namely Central corridor which runs from Dar Port via Dodoma and Tabora to North and West parts of Tanzania reaches borders with land locked Countries of Uganda, Rwanda, Burundi, DRC and Zambia; Southern Corridor of Mtwara to Amelia Bay, within Mbamba Bay areas, with spurs to Mchuchuma and Liganga in Njombe and Songea Regions and the North Tanzania corridor starts at Port in Tanga town, traversing via Moshi and Arusha to Musoma port linking Central corridor at Shinyanga town.

Implementation of SGR project has started with Phase-1 of Dar-Mwanza having 1,219 route-km along the central corridor, which is organized in 5 Lots. Construction of SGR in Tanzania commenced in May-2017 using Design & Build Contracts. Currently Construction is ongoing for the first 2-lots of Dar to Morogoro (205 route-km) and Morogoro to Makutupora –Singida (336 route-km).

The SGR system under construction includes Civil Engineering structures, Signaling & Telecommunication facilities, Electrification Systems, Electro-Mechanical engineering Equipment and Machineries. The Operations & Maintenance of these infrastructure, equipment and system will need latest equipment and processes that will be mainly utilizing ICT to minimize manual working and enhance e-working. The will lay down a very good employment environment for young qualified Tanzanian candidates to start participating from this very initial stages of the program implementation which is valued

at more than USD 3.35 billion, which at current exchange rate (Nov-2018) is equivalent to TZS 7.01 trillion for only the 542 route-km. Which implies that as Government progress with execution of other phases/Lots to finish the entire SGR network of 4,880 route-km, employments to these candidates will obviously be guaranteed as construction, will take years to come.

In these regards engagement of qualified workforce is needed to take part first at **“Testing & Commissioning”** and second at later stage of **“Operations & Maintenance”** of SGR systems.

## **CIVIL ENGINEERS**

### **1.1 CIVIL ENGINEERS (TRACK) – 16 POSTS**

#### **1.1.2 Civil Engineer II (Track) – 8 Posts**

**Terms of Engagement: Three years contract**

#### **1.1.3 Qualifications and experience**

Bachelor Degree in Civil Engineering or equivalent from recognized University and registration by Engineers Registration Board as Graduate Engineer (preferably under SEAP program). Knowledge or exposure to railway construction and maintenance will be added advantage. Applicant should possess strong analytical skills and computer literacy.

#### **1.1.4 Duties and Responsibilities**

- i. Assist in planning for infrastructure construction and maintenance of the track, bridges and other civil works or any other fixed assets;
- ii. Conduct both planned and ad hock track and bridges inspections along the network;
- iii. Participate in investigation and proceedings in case of any accident on the track;
- iv. Assist in project supervision in case of construction or rehabilitation of track, bridges and civil works;
- v. Assist in preparation of reports, plans and designs for projects;
- vi. Assist in the preparation of project quantity and cost estimates; and
- vii. Perform any other assignments in line with his/her career as may be assigned by supervisor.

### **1.2 SENIOR CIVIL ENGINEER II (TRACK) – 6 POSTS**

**1.2.1 Terms of Engagement: Three years contract**

#### **1.2.2 Qualifications and Experience**

Bachelor Degree in Civil Engineering or equivalent from recognized University or Institution and registration by Engineers Registration Board as Professional Engineer with working experience of at least three (3) years in related field. Knowledge or exposure to railway construction and maintenance would be added advantage. An applicant should possess strong analytical skills and computer literacy.

### **1.2.3 Duties and Responsibilities:**

- i. Participate in planning for infrastructure construction and maintenance of the track, bridges and other civil works or any other fixed assets;
- ii. Conduct both planned and ad hock track and bridges inspections along the network;
- iii. Participate in investigation and proceedings in case of any accident on the track;
- iv. Take part in project supervision in case of construction or rehabilitation of track, bridges and civil works;
- v. Prepare project quantity and cost estimates, plans and designs for civil projects;
- vi. Prepare periodical civil work progressive reports; and
- vii. Performs any other assignments in line with his/her career as may be assigned by supervisor.

### **1.2.4 PRINCIPAL CIVIL ENGINEER II (TRACK) – 2 POSTS**

#### **1.2.5 Terms of Engagement: Contractual**

#### **1.2.6 Qualifications and Experience**

Master Degree in Civil Engineering or equivalent from recognized University or Institution and registration by Engineers Registration Board as Professional Engineer with working experience of at least six (6) years in related field. Knowledge or exposure to railway construction and maintenance will be added advantage. An applicant should possess strong analytical skills and computer literacy.

### **1.2.7 Duties and Responsibilities:**

- i. Supervise planning for infrastructure construction and maintenance of the track, bridges and other civil works or any other fixed assets;
- ii. Conduct both planned and ad hock track and bridges inspections along the network;
- iii. Coordinate with other sections the investigation and proceedings in case of any accident on the track;
- iv. Supervise railway projects for construction or rehabilitation of track, bridges and civil works;
- v. Custodian of project quantity and cost estimates, plans and designs for civil projects;
- vi. Prepare periodical civil works progressive reports for the head of department; and
- vii. Performs any other assignments in line with his/her career as may be assigned by supervisor.

## **ELECTRICAL ENGINEER (18 POSTS)**

### **1.3 Electrical Engineer II (10 Posts)**

#### **1.3.1 Terms of Engagement: Three years contract**

#### **1.3.2 Qualifications and Experience**

Bachelor Degree in Electrical Engineering or equivalent from recognized University or Institution and registration by Engineers Registration Board as Graduate Engineer (preferably under SEAP program). Knowledge or exposure to railway operations would be an added advantage. An applicant should possess strong analytical skills and computer literacy.

#### **1.3.3 Duties and Responsibilities:**

- i. Carry out maintenance of crushing plants, electrical machineries at the Quarries (Overhauling and assembling electrical machineries);
- ii. Assist in inspecting all electrical machineries at the quarries and insulation level of conductors in rolling stock, machinery and buildings;
- iii. Assist inspection of effectiveness of earthing and condition of earth leakage circuit breakers and other controls;
- iv. Assist in managing quarries in terms of production of ballast in the sense that plants are not stopped for longer periods due to electrical/electronic breakdowns;
- v. Preparation and submission of periodical technical reports; and
- vi. Performs any other related duties as assigned by supervisor.

#### **1.3.4 Senior Electrical Engineer II (6 Posts)**

#### **1.3.5 Terms of Engagement: Three years contract**

#### **1.3.6 Qualifications and Experience**

Bachelor Degree in Electrical Engineering or equivalent from recognized University or Institution and registration by Engineers Registration Board as Professional Engineer with working experience of at least three (3) years in related field. Knowledge or exposure to railway operation would be an added advantage. An applicant should possess strong analytical skills and computer literacy.

#### **1.3.7 Duties and Responsibilities:**

- i. Maintains records of maintenance of all electrical plants and quarries;
- ii. Arranges for technical specifications in procurement of electrical components and tools for quarries and other machineries;
- iii. Supervise development of safety rules in quarries and ensure practice of artificial respiration in case of fatal accidents/shock;
- iv. Supervise maintenance of crushing plants and electrical machineries at the quarries;
- v. Inspecting all electrical machineries at the quarries and insulation level of conductors in rolling stock, machinery and buildings;
- vi. Administer preventive maintenance schedules for all electrical plants.
- vii. Preparation and submission for periodical technical reports; and
- viii. Performs any other related duties as assigned by supervisor.

#### **1.3.8 Principal Electrical Engineer II (2 Posts)**

#### **1.3.9 Terms of Engagement: Three years contract**

### **1.3.10 Qualifications and Experience**

Master Degree in Electrical Engineering or equivalent from recognized University or Institution and registration by Engineers Registration Board as Professional Engineer with working experience of at least six (6) years in related field. Knowledge or exposure to railway operation would be an added advantage. An applicant should possess strong analytical skills and computer literacy.

### **1.3.11 Duties and responsibilities**

- i. Administer all electrical activities in the Civil Engineering Department;
- ii. Commission electrical installations of new projects machines within the entire department;
- iii. Oversee modifications of equipment or electrical panel which in one way or another its spare part cannot be obtained or takes too long to get;
- iv. Supervisor of records of maintenance of all electrical plants and quarries;
- v. Arranges for technical specifications in procurement of electrical components and tools for quarries and other machineries;
- vi. Supervise development of safety rules in quarries and ensure practice of artificial respiration in case of fatal accidents/shock;
- vii. Supervise maintenance of crushing plants and electrical machineries at the quarries;
- viii. Inspecting all electrical machineries at the quarries and insulation level of conductors in rolling stock, machinery and buildings;
- ix. Administer preventive maintenance schedules for all electrical plants;
- x. Preparation and submission for periodical technical reports; and
- xi. Performs any other related duties as assigned by supervisor.

## **SIGNAL AND TELECOMMUNICATION ENGINEER (8 POSTS)**

### **1.4 Signaling and Telecommunication Engineer II (5 Posts)**

#### **1.4.1 Terms of Engagement: Three years contract**

#### **1.4.2 Qualifications and Experience**

Bachelor Degree in Telecommunication or equivalent from recognized University or Institution and registration by Engineers Registration Board as Graduate Engineer (preferably under SEAP program). Knowledge or exposure to railway operation will be an added advantage. An applicant should possess strong analytical skills and computer literacy.

#### **1.4.3 Duties and Responsibilities:**

- i. Assist in planning, design, constructions and maintenance of S & T equipment and systems;
- ii. Assist in Market utilization and expansion of the fibre optic cable along railway network;
- iii. Assist in Installing, maintaining and repairing of SGR /MGR signals and Telecommunication network;

- iv. Assist in Coordinating with concerned branches in case of accidents for speedy restoration of traffic and for investigation into the causes of accidents;
- v. Take part in maintenance of train control, electronic warrant system, cargo/wagon tracking and its management system, yard radio, underground cables and internal office communications;
- vi. Contributes to the preparation of reports, plans and designs or projects;
- vii. Assist in the preparation of project quantity and cost estimates; and
- viii. Performs any other duties as assigned by supervisor.

#### **1.4.4 Senior Signaling and Telecommunication Engineer II (3 Posts)**

#### **1.4.5 Terms of Engagement: Three years contract**

#### **1.4.6 Qualifications and Experience**

Bachelor Degree in Telecommunication Engineering or equivalent from recognized University or Institution and registration by Engineers Registration Board as Professional Engineer with working experience of at least three (3) years in related field. Knowledge or exposure to railway operation would be an added advantage. An applicant should possess strong analytical skills and computer literacy.

#### **1.4.7 Duties and Responsibilities:**

- i. Plan, design, constructions and maintenance of S &T equipment and systems;
- ii. Take part in Market utilization and expansion of the fibre optic cable along railway network;
- iii. Install, maintain, and repair SGR/MGR signals and telecommunication network and equipment;
- iv. Take part in accident investigation in line with other departments;
- v. Take part in maintenance of train control, electronic warrant system, cargo/wagon tracking and its management system, yard radio, underground cables and internal office communications;
- vi. Contributes to the preparation of reports, plans and designs for S&T projects;
- vii. Assist in the preparation of project quantity and cost estimates; and
- viii. Preparation and submission for periodical technical reports; and
- ix. Performs any other related duties as assigned by supervisor.

### **MECHANICAL ENGINEER (18 POSTS)**

#### **1.5 Mechanical Engineer II (12 Posts)**

#### **1.5.1 Terms of Engagement: Three years contract**

#### **1.5.2 Qualifications and Experience**

Bachelor Degree in Mechanical Engineering or equivalent from recognized University or Institution and registration by Engineers Registration Board as Graduate Engineer (preferably under SEAP program). Knowledge or exposure to railway operation will be an added advantage. An applicant should possess strong analytical skills and computer literacy.

### **1.5.3 Duties and Responsibilities:**

- i. Assist in planning for Mechanical works or any other fixed assets;
- ii. Participate in investigation and proceedings in case of any accident;
- iii. Assist in project supervision in case of rehabilitation of rolling stock and Mechanical works;
- iv. Assist in preparation of reports, plans and designs for projects;
- v. Assist in the preparation of project cost estimates; and
- vi. Perform any other assignments in line with his/her career as may be assigned by supervisor.

### **1.5.4 Senior Mechanical Engineer II (6 Posts)**

#### **1.5.5 Terms of Engagement: Three years contract**

#### **1.5.6 Qualifications and Experience**

Bachelor Degree in Mechanical Engineering or equivalent from recognized University or Institution and registration by Engineers Registration Board as Professional Engineer with working experience of at least three (3) years in related field preferably under SEAP program. Knowledge or exposure to railway operation will be an added advantage. An applicant should possess strong analytical skills and computer literacy.

### **1.5.7 Duties and Responsibilities**

- i. Prepare technical specifications, quantity and cost estimates for rolling stocks and equipment and gadgets for procurement purposes;
- ii. Inspections related to rolling stocks and equipment for monitor compliance and approved maintenance standards;
- iii. Rehabilitation of rolling stock, equipment, plants and machineries as per plan and scheduled to good, quality and within budget cost.
- iv. Assure timely availability of rolling stock, machinery and equipment;
- v. Preparation and submission for periodical technical reports to different users; and
- vi. Performs any other related duties as assigned by supervisor.

## **TRAIN CONTROLLERS (7 POSTS)**

### **1.6 Train Controllers II (4 Posts)**

#### **1.6.1 Terms of Engagement: Three years contract**

#### **1.6.2 Qualifications and Experience**

Bachelor Degree either in Computer Engineering, Electronics Engineering, Signal and Telecommunications Engineering or equivalent from recognized University or Institution and registration by Engineers Registration Board as Graduate Engineer (preferably under SEAP program). Knowledge or exposure to railway operation will be an added advantage. An applicant should possess strong analytical skills and computer literacy.

### **1.6.3 Duties and Responsibilities:**

- i. Monitor, analyse, control and supervise the status and performance of main line rail operations; maintains;
- ii. Liaison with train operators and field supervisors; oversees rail operations by use of computer-generated displays, display board indications, computer inputs and voice communications;
- iii. Monitors and interprets the train control display board, computer work station displays and radio operations to determine the status of revenue operations, non-revenue vehicle activity, scheduled or unscheduled maintenance activities;
- iv. Responds with appropriate computer inputs and verbal instructions to maintain system performance and safety;
- v. Coordinates on-site or remote activities during emergency or unusual incident situations and assists in isolating the incident area from all train movement;
- vi. Participates in the implementation of repair activities or emergency response;
- vii. Coordinates activities with those of other operations and maintenance staff to minimize service interruptions;
- viii. Participates in the implementation of emergency action plans, assists in coordinating emergency operations with field personnel, and other departments and outside agencies;
- ix. Conducts a variety of operational or administrative studies; assists with investigations in safety-related incidents.

### **1.6.4 Senior Train Controllers II (3 Posts)**

### **1.6.5 Terms of Engagement: Three years contract**

### **1.6.6 Qualifications and Experience**

- i. Holder of Bachelor Degree in Computer Engineering, Electronics Engineering, Signal and Telecommunications Engineering or equivalent from TCU accredited University/Institution and has been registered by Engineers Registration Board (ERB);
- ii. Minimum of three (3) years relevant working experience in Civil Engineering projects or in reputable designing office;
- iii. Knowledge or exposure to railway operations would be an added advantage;
- iv. Strong analytical skills; and
- v. Computer literacy.

### **1.6.7 Duties and responsibilities:**

- i. To supervise in ensuring expeditious movement of trains and traffic freight;
- ii. Coordinates activities with those of other operations and maintenance staff to minimize service interruptions; provides other District departments and divisions with technical information relating to the train control operations;



- iii. Evaluates passenger service to ensure that existing systems are functioning properly and that District policies, procedures, rules, and regulations are being followed;
- iv. Participates in the implementation of emergency action plans; assists in coordinating emergency operations with field personnel, and other departments and outside agencies;
- v. Coordinates work with that of other departments to provides technical support to other; and
- vi. To carry out any other duties as assigned by supervisor.

## **COMPUTER ENGINEERS (8 POSTS)**

### **1.7 Computer Engineers II (6 Posts)**

#### **1.7.1 Terms of Engagement: Three years contract**

#### **1.7.2 Qualifications and Experience**

Bachelor Degree either in Computer Engineering, Electronics Engineering, Signal and Telecommunications Engineering or equivalent qualifications from recognized University or Institution and registration by Engineers Registration Board as Graduate Engineer (preferably under SEAP program). Knowledge or exposure to railway operations will be an added advantage. An applicant should possess strong analytical skills and computer literacy.

#### **1.7.3 Duties and responsibilities:**

- i. Assist in configuration of servers to meet functional specifications;
- ii. Take part in developing project plans, schedules, or budgets;
- iii. Assist in defining and analysing objectives, scope, issues, or organizational impact of information systems;
- iv. Assist in developing system engineering, software engineering, system integration, or distributed system architectures;
- v. Assist in establishing functional or system standards to ensure operational requirements, quality requirements, and design constraints are addressed;
- vi. Evaluate existing systems to determine effectiveness and suggest changes to meet organizational requirements;
- vii. Preparation and submission for periodical technical reports; and
- viii. Performs any other duties as assigned by supervisor.

#### **1.7.4 Senior Computer Engineers II (2 Posts)**

#### **1.7.5 Terms of Engagement: Three years contract**

#### **1.7.6 Qualifications and Experience**

- i. Holder of BSc Degree in Computer Engineering or equivalent from TCU accredited University/Institution and has been registered by Engineers Registration Board (ERB);
- ii. Minimum of three (3) years relevant working experience in Civil Engineering projects or in reputable designing office;
- iii. Knowledge or exposure to railway operations would be an added advantage;

- iv. Strong analytical skills; and
- v. Computer literacy.

### **1.7.7 Duties and Responsibilities:**

- i. Configure servers to meet functional specifications;
- ii. Develop or approve project plans, schedules, or budgets;
- iii. Define and analyse objectives, scope, issues, or organizational impact of information systems;
- iv. Develop system engineering, software engineering, system integration, or distributed system architectures;
- v. Establish functional or system standards to ensure operational requirements, quality requirements, and design constraints are addressed;
- vi. Evaluate existing systems to determine effectiveness and suggest changes to meet organizational requirements;
- vii. Preparation and submission for periodical technical reports; and
- viii. Performs any other duties as assigned by supervisor.

## **INSTRUCTORS (10 POSTS)**

### **1.8 Instructors II (5 Posts)**

#### **1.8.1 Terms of Engagement: Three years contract**

#### **1.8.2 Qualifications and Experience**

Bachelor Degree either in Railway Transportation, Logistics Management, Locomotive Driving, Station Mastering, Carriage And Wagon Technology, Permanent Way Technology, Signal and Telecommunication Technology, Yard Supervision, Wagon Alignment, Civil Engineering, Electrical Engineering, Mechanical Engineering, Electrical Engineering, Electromechanical Engineering, Telecommunication Engineering, Electronics Engineering, Computer Engineering or equivalent from recognized University/Institution. An applicant should be registered by respective Board as Graduate Professional, possess strong analytical skills; and computer literacy.

#### **1.8.3 Duties and Responsibilities:**

- i. To conduct short Courses and Seminars in respective areas of specializations;
- i. Prepares Course/Lesson Plans for respective subjects of specializations;
- ii. To supervise students on practical training;
- iii. To follow up and submits post training evaluation on trainees;
- iv. To plan and organize Traffic programs;
- ii. To conduct Courses and Seminars for senior staff of the Corporation;
- v. To collect and analyses information and data related to the fields of specialization;
- vi. To audit training objectives and Courses contents and recommends to the Principal training equipment and materials required;

- vii. To evaluate effectiveness of instructors under him and makes appropriate reports to the Principal. Conducts research pertaining to instructional needs in and outside TRC and conducts consultations and researches on training matters in liaison with districts and headquarters officers; and
- viii. To perform any other duties as assigned by his superior.

#### **1.8.4 Senior Instructors II (5 Posts)**

#### **1.8.5 Terms of Engagement: Three years contract**

#### **1.8.6 Qualifications and Experience**

Bachelor Degree either in Railway Transportation, Logistics Management, Locomotive Driving, Station Mastering, Carriage and Wagon Technology, Permanent Way Technology, Signal and Telecommunication Technology, Yard Supervision, Wagon Alignment, Civil Engineering, Electrical Engineering, Mechanical Engineering, Electrical Engineering, Electromechanical Engineering, Telecommunication Engineering, Electronics Engineering, Computer Engineering or equivalent from recognized institution. Minimum of three (3) years relevant working experience, registered by respective Board as Graduate Professional, strong analytical skills; and computer literacy.

#### **1.8.7 Duties and Responsibilities:**

- i. To supervise in ensuring expeditious movement of trains and traffic freight;
- ii. Conducts a variety of operational or Administrative studies; assists with investigations in safety-related incidents;
- iii. Maintains accurate hourly and daily records and special reports of work being performed; participates in the investigation and prepares reports on emergency, unusual incidents, and passenger complaints;
- iv. Follow up and supervise on maintaining accurate hourly and daily records and special reports of work being performed;
- v. Participates in the investigation and prepares reports on emergency, unusual trains control incidents; and
- vi. To carry out any other duties as assigned by supervisor.

### **TRAIN SAFETY OFFICER (3 Posts)**

#### **1.9 Train safety Officer II (2 Posts)**

#### **1.9.1 Terms of Engagement: Three years contract**

#### **1.9.2 Qualification and Experience**

Bachelor Degree either in Civil Engineering, Electrical Engineering, Mechanical Engineering, Electrical Engineering, Electromechanical Engineering, Telecommunication Engineering, Electronics Engineering, Computer Engineering or equivalent from recognized University or Institution and registered by Engineers Registration Board as Graduate Engineer (preferably under SEAP program). Knowledge or exposure to railway operations will be an added advantage. An applicant should possess strong analytical skills and computer literacy.

### **1.9.3 Duties and Responsibilities**

- i. Conduct field inspections for Safety standards;
- ii. Audit and follow up implementation of Safety standards to avoid train or other accidents;
- iii. Deal with maintenance and processing of transportation related Safety department records as directed by Safety Manager (Traffic);
- iv. Assist in accident relief and inquiry cases as directed by Safety Manager (Traffic); and
- v. Perform any other relevant duties that may be assigned by the supervisor.

### **1.10 SENIOR TRAIN SAFETY OFFICER II (1 Posts)**

#### **1.10.2 Terms of Engagement: Three years contract**

#### **1.10.2 Qualification and Experience**

Bachelor Degree either in Civil Engineering, Electrical Engineering, Mechanical Engineering, Electrical Engineering, Electromechanical Engineering, Telecommunication Engineering, Electronics Engineering, Computer Engineering or equivalent from recognized University or Institution and registered by Engineers Registration Board (ERB). Minimum of three (3) years relevant working experience in projects or in reputable designing office. Knowledge or exposure to railway operations will be an added advantage. An applicant should possess strong analytical skills and computer literacy.

#### **1.10.3 Responsibilities and Duties**

- i. Perform all Safety matters related to Rail Operations Department;
- ii. Conduct audit of Safety related practices and procedures being practiced in Rail transportation;
- iii. Supervise, analyze and recommend safety related instructions issued and corrective measures proposed;
- iv. To supervise, analyze and monitor accident inquiry proceedings and follow up action;
- v. Perform any other relevant duties that may be assigned by the supervisor.

## **TECHNICIANS**

### **1.11 CIVIL TECHNICIANS (16 Posts)**

#### **1.11.1 Terms of Engagement: Three years contract**

#### **1.11.2 CIVIL TECHNICIAN PWI II (8 Posts)**

#### **1.11.3 Terms of Engagement: Three years contract**

#### **1.11.4 Qualifications and Experience**

Full Technician Certificate (FTC) or Ordinary Diploma either in Civil Technology, Railway Transportation or equivalent from recognized institution.

### **1.11.5 Duties and Responsibilities**

- i. Assist in undertake maintenance of bridges, culverts, building and track works;
- ii. Read and review project drawings and plans to determine the sizes of structures;
- iii. Assist engineers in preparing track maintenance plans;
- iv. Take part in testing construction materials and soil samples in laboratories;
- v. Help to ensure that project construction conforms to design specifications and applicable permanent way requirements;
- vi. Help supervisor to maintain records; and
- vii. Perform any other duties as may be assigned by supervisor.

### **1.12. Civil Technician OTM (8 Posts)**

#### **1.12.1 Terms of Engagement: Three years contract**

#### **1.12.2 Qualification and Experience**

Full Technician Certificate (FTC) or Ordinary Diploma either in Civil Technology, Railway Transportation or equivalent from recognized institution.

#### **1.12.3 Duties and Responsibilities**

- i. Assist in undertake maintenance of bridges, culverts, building and track works;
- ii. Read and review project drawings and plans to determine the sizes of structures;
- iii. Assist engineers in preparing track maintenance plans;
- iv. Take part in testing construction materials and soil samples in laboratories;
- v. Help to ensure that project construction conforms to design specifications and applicable permanent way requirements;
- vi. Help supervisor to maintain records; and
- vii. Perform any other duties as may be assigned by supervisor.

### **1.13 EMU Train Drivers I (10 posts)**

#### **1.14 Terms of Engagement: Three years contract**

#### **1.14.1 Qualifications and Experience**

FTC or Diploma either in Electrical, Electromechanical and Mechanical Engineering or equivalent qualifications from recognized institution.

#### **1.14.2 Duties and Responsibilities:**

- i. Assist in planning of training and advancement of locomotive crew;
- ii. Check the engine and general state of the train prior to starting each journey;
- iii. Ensure that the correct freight is loaded if necessary;
- iv. Ensuring that the precise route is known and agreed with the control centre;
- v. Find out about any problems which may affect the route the track as well as the train itself;
- vi. Maintain awareness of track conditions and weather conditions;

- vii. Following signals and safety regulations at all times and keep the train under control and at the appropriate speed at all times;
- viii. Keeping control of instruments including brakes;
- ix. Keep passengers well informed of the train and journey surroundings such as emergency awareness procedures by making announcements as much as it required;
- x. Make sure passengers are well serviced throughout the time;
- xi. Stopping the train at the appropriate stops on each schedule and alert the driver taking over duty in case of any incidents or engine issues;
- xii. Keeping a record of any problems which may occur;
- xiii. Alert the control centre to any hazards which have been spotted along the route.

## **1.15 Mechanical Technician II (8 Posts)**

### **1.15.1 Terms of Engagement: Contractual**

### **1.15.2 Qualifications and Experience**

Diploma in Mechanical Engineering or equivalent, from a recognized Institution with a minimum working experience of at least one year.

### **1.15.3 Duties and Responsibilities:**

- i. Participate in building new engines and carriages;
- ii. Fitting out carriages with lighting, upholstery, control panels and communication systems;
- iii. Inspecting bodywork, roofs and undercarriages for wear and tear or damage;
- iv. Repairing or replacing rolling stock parts;
- v. Carrying out regular checks on brakes and couplings;
- vi. Taking apart, resting and reassembling mechanical, electrical and pneumatic systems;
- vii. Writing reports and updating maintenance records;
- viii. Assists in the preparation of project quantity and cost estimates; and
- ix. Performs any other duties as assigned by supervisor.

## **1.16 Electrical Technician II (8 Posts)**

### **1.16.1 Terms of Engagement: Contractual**

### **1.16.2 Qualifications and Experience**

Diploma in Electrical Engineering or equivalent from a recognized Institution with a minimum working experience of at least one year.

### **1.16.3 Duties and responsibilities:**

- i. Diagnose malfunctioning systems, apparatus, and components, using test equipment and hand tools, to locate the cause of a breakdown and correct the problem;

- ii. Assist in Maintenance of train control, electronic warrant system, cargo/wagon tracking and its management system, yard radio, underground cables and internal office communications;
- iii. Inspection of wires to circuit breakers, transformers, or other components of connection in the system;
- iv. Participate in installation of new Electrical system;
- v. Test electrical systems and continuity of circuits in electrical wiring, equipment, and fixtures, using testing devices such as ohmmeters, voltmeters and oscilloscopes, to ensure compatibility and safety of system;
- vi. Assemble, Installs, inspects maintains, repairs and provides diagnostic analysis on the catenary systems including but not limited to catenary poles and foundations, catenary support arms and associated components, contact wire, catenary insulating devices, power disconnect and switching devices and surge protection devices;
- vii. Assist in the preparation of project quantity and cost estimates; and
- viii. Performs any other duties as assigned by supervisor.

### **1.17 Signal and Telecommunication Technician II (8 Posts)**

#### **1.17.1 Terms of Engagement: Three years contract**

#### **1.17.2 Qualifications and Experience**

Diploma either in Telecommunication, Electrical Engineering or equivalent from recognized Institution.

#### **1.17.3 Duties and Responsibilities**

- i. Oversee and monitor S & T infrastructural development projects;
- ii. Assist in market utilization and expansion of the fibre optic cable along railway network;
- iii. Assist in coordinating with concerned branches in case of accidents for speedy restoration of traffic and for investigation into the cause of accidents;
- iv. Maintenance of train control, electronic warrant system, cargo/wagon tracking and its management system, yard radio, underground cables and internal office communications;
- v. Assist in the preparation of project quantity and cost estimates; and
- vi. Performs any other duties as assigned by supervisor.

### **1.18 Train safety technicians II (7 Posts)**

#### **1.18.1 Terms of Engagement: Three years contract**

#### **1.18.2 Qualifications and Experience**

Diploma either in Civil Engineering, Electrical Engineering, Mechanical Engineering, Electrical Engineering, Electromechanical Engineering, Telecommunication Engineering, Electronics Engineering, Computer Engineering or equivalent from recognized institution.

### **1.18.3 Duties and Responsibilities:**

- i. To conduct field inspections for Safety standards;
- ii. To audit and follow up implementation of Safety standards to avoid train or other accidents;
- iii. To deal with maintenance and processing of transportation related Safety department records as directed by Safety Manager (Traffic);
- iv. To assist in accident relief and inquiry cases as directed by Safety Manager (Traffic); and
- v. To perform any other relevant duties that may be assigned by the supervisor.

### **1.19 EMU Train Drivers I (10 posts)**

#### **1.19.1 Terms of Engagement: Contractual**

#### **1.19.2 Qualifications and Experience**

FTC or Diploma either in Electromechanical, Mechanical Engineering or equivalent qualifications from recognized institution with a minimum working experience of at least one year. Possession of a Locomotive Driving Certificate from the Tanzania Institute of Railway Training Technology (TIRTEC) will be an added advantage.

#### **1.19.3 Duties and Responsibilities:**

- i. Assist in planning of training and advancement of locomotive crew;
- ii. Check the engine and general state of the train prior to starting each journey;
- iii. Ensure that the correct freight is loaded if necessary;
- iv. Ensuring that the precise route is known and agreed with the control centre;
- v. Find out about any problems which may affect the route the track as well as the train itself;
- vi. Maintain awareness of track conditions and weather conditions;
- vii. Following signals and safety regulations at all times and keep the train under control and at the appropriate speed at all times;
- viii. Keep passengers well informed of the train and journey surroundings such as emergency awareness procedures by making announcements as much as it required;
- ix. Make sure passengers are well serviced throughout the time;
- x. Stopping the train at the appropriate stops on each schedule and alert the driver taking over duty in case of any incidents or engine issues;
- xi. Keeping a record of any problems which may occur;
- xii. Alert the control centre to any hazards which have been spotted along the route.

## **2. THE CEREALS AND OTHER PRODUCE BOARD OF TANZANIA**

The Cereals and Other Produce Board of Tanzania (CPB) is a Government institution established through the Cereals and Other Produce Act No. 19 of 2009 to provide for promotion and development of cereals and other agricultural produce and to provide for other related matter. According to the act, the main function of the Board is to carry out



commercial activities and such other activities as are necessary, advantageous or proper for the development of the cereals and other produce industry.

CPB Headquarters is located in Dodoma at Central Business Park, Mbugani area along VETA Road. Currently, CPB offices outside Dodoma operate in seven Branch offices as follows: Eastern (Dar es Salaam City in Dar es Salaam Region), Southern (Mtwara Municipality in Mtwara Region) Southern Highlands (Iringa Municipality in Iringa Region), Northern (Arusha City in Arusha Region) Western (Kigoma Municipality in Kigoma Region), Lake (Mwanza City in Mwanza Region) and Central (Dodoma City in Dodoma Region). The Headquarters is responsible for providing Branch Offices with technical and professional support, establishing standards, systems and procedures for resources management, utilization, capacity building, coordinating the Board's technical services, monitoring and evaluating the performance of field operations. All operational matters of the CPB are handled at the Branches, and that the Headquarters deals with strategic management issues.

## **2.1 BRANCH MANAGERS (3 POSTS)**

### **2.2 Employment Type: Permanent**

### **2.3 Duties and Responsibilities:**

- i. Develop and appraise basic procurement, storage and marketing objectives for the Branch;
- ii. Responsible for Procurement, Storage and Marketing of cereals and other produce for the Branch;
- iii. Liaise with cereals and other produce stakeholders in the zone for the procurement, storage and marketing of cereals and other produce;
- iv. Initiate and/or administer specific programmes and procedures aiming at ensuring the realisation of procurement, storage and marketing objectives and execution of policies;
- v. Setting or defining the Branch's annual procurement, storage and marketing goals or targets;
- vi. Monitor the implementation of procurement, storage and marketing action plans/work programmes by officers in the Branch;
- vii. Implement cereals and other produce marketing and pricing policies;
- viii. Monitor implementation of the cereals and other produce procurement, storage and marketing programmes and making regular plan reviews and report program thereof;
- ix. Assist in soliciting for strategic investors and co-ordination of investors for investment in procurement, storage and marketing of cereals and other produce;
- x. Prepare quarterly and annual reports on procurement, storage and marketing of cereals and other produce for the Branch;
- xi. Provide overall leadership/guidance to the Branch staff; and
- xii. Undertake any other duties, as may be directed by the Director General.

## **2.4 Qualification and Experience**

Master's Degree either in Commerce, Economics, Agriculture Economics, Business Administration from a recognised institution or its equivalent qualifications from recognized University or Institution. Demonstrated knowledge of both local and global cereals and other produce industries is required. Proven track record of at least eight (8) years in a senior management position, three (3) years of which in the cereals and other produce industry or related industry performing Procurement, Storage and Marketing activities.

### **3. WATER INSTITUTE – (WI)**

Water Institute (WI), Order under the Executive Agencies (The Water Development and Management Institute) (Amendment) 2016, (Government Notice No. 216 of 2016.) is an Executive Agency under the Ministry of Water and Irrigation established to take over the functions performed by the Rwegarulila Water Resource Institute by Government Notice No. 138 of 22<sup>nd</sup> August, 2008 according to the Executive Agency Act (Cap 245) to replace the Rwegalulila Water Resource Institute. The Agency (Institute) operates under the Ministry of Water. WI is registered by the National Council for Technical Education (NACTE) to train Technicians and Engineers.

### **3.1 PLUMBING TECHNICIAN**

#### **3.1.1 Duties And Responsibilities**

- i. Undertaking specified tasks connected with plumbing, practical, student's projects, consultancy, and services under supervision;
- ii. Assists in the repair and maintenance of plumbing laboratory or workshops facilities;
- iii. Assists senior staff in relevant fields of operations; and
- iv. Performs any other duties assigned to him by his seniors.

#### **3.1.2 QUALIFICTIONS AND EXPERIENCE**

Ordinary Diploma in Technical subjects or Technician certificate in relevant area with at least three years working experience in the related field.

#### **3.1.3 REMUNERATION**

Attractive package as per Water Institute Salary Scale WDMS 3

### **GENERAL CONDITIONS**

- i. All applicants must be Citizens of Tanzania generally with an age not above **50 years** for positions of Managers and not above **45 years** for other positions;
- ii. Applicants must attach an up-to-date Curriculum Vitae (CV) having reliable contacts; postal address/post code, e-mail and telephone numbers;
- iii. Applicants should apply on the strength of the information given in this advertisement;

- iv. 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;**
  - Birth certificate;
- v. Attaching copies of the following certificates is strictly not accepted
  - Form IV and form VI results slips;
  - Testimonials and all Partial transcripts;
- vi. Overqualified candidates are not expected to apply;
- vii. An applicants 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 employers;**
- ix. An applicant who is retired from the Public Service for whatever reason should not apply;
- x. An applicants 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) and National Council for Technical Education (NACTE);
- xii. Certificates from Foreign Universities should be verified by The Tanzania Commission for Universities (TCU);
- xiii. An applicant with special needs/case (disability) is supposed/advised to indicate;
- xiv. A signed application letter should be written either in Swahili or English language and Addressed to;  
*Secretary,  
Presidents Office,  
Public Service Recruitment Secretariat,  
27 BibiTiti Mohammed Road  
P.O. Box 63100, Maktaba Complex,  
11102 Dar EsSalaam.*
- xv. **Deadline for application is 26<sup>th</sup> December, 2018** and;
- xvi. Only short listed candidates will be informed on a date for interview;
- xvii. Presentation of forged certificates and other information will necessitate to legal action;

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

**SECRETARY  
PUBLIC SERVICE RECRUITMENT SECRETARIAT**

