

THE UNITED REPUBLIC OF TANZANIA



PRESIDENT'S OFFICE

PUBLIC SERVICE RECRUITMENT SECRETARIAT

Ref.No.JA.9/259/01/A/65

31st March, 2022

VACANCY ANNOUNCEMENT

On behalf of Dar es Salaam Rapid Transport (DART), Treasury Registrar Office and Ministry of Lands, Housing and Human Settlements Development, Public Service Recruitment Secretariat (PSRS) invites dynamic and suitable qualified Tanzanians to fill **316** vacant posts mentioned below;

1.0 DAR ES SALAAM RAPID TRANSPORT (DART)

The Dar Rapid Transit (DART) is an Executive Agency established through GN.120 of 25th May, 2007 under the Executive Agency Act No. 30 of 1997 and its amendments with the main objective of providing high quality and most efficient public transport service in Dar es Salaam City featuring with modern high-capacity buses operating in exclusive lanes. The DART System is planned to be implemented in six phases covering 140.1 km. The development of the entire system was incorporated in the Dar es Salaam Urban Transport Master Plan of 2008 which guides developments up to 2030. The current operating DART System Phase 1 was financed under the Second Central Transport Corridor Project (CTCP2) supported by the World Bank. The system has significantly reduced travel time compared to the former Daladala operations. For instance, on the 15.6 km, of Kimara-Kivukoni corridor has been reduced from over 2 hours to 45-50 minutes. Despite some teething issues, the service is generally regarded as an important beneficial upgrade of the City public transport. The design of the second and third phases of the BRT system was supported under the CTCP2, and the infrastructure for the second phase is being supported through funding by the African Development Bank (AfDB) in

partnership with the Africa Growing Together Fund. The implementation of the third and fourth BRT phases is to be supported by the Dar es Salaam Urban Transport Project (DUTP).

1.0.1 ICT OFFICER II (SOFTWARE PROGRAMMER/WEB DEVELOPER)- 3 POSTS

1.0.2 DUTIES AND RESPONSIBILITIES

To accomplish Software Application Development Full Lifecycle: -

- i. To design, code and debug software applications based on various deployment platforms (e.g. web, mobile, desktop, operating systems, programming languages, database management systems, etc);
- ii. To undertake software analysis, code analysis, requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis, etc
- iii. To participate in analysis of user requirements, prototyping, development of new functionalities, maintenance of applications, integration of technological components, testing, deployment;
- iv. To design, code and debug web and mobile based applications in various software languages;
- v. To undertake software analysis, code analysis, requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis;
- vi. To undertake software testing and quality assurance;
- vii. To install and configure appropriate application servers based on the application programs to be supported;
- viii. To support, maintain, and preparation of technical and user documentations for various software functionalities;
- ix. To train and support software users for effective utilization of deployed systems;
- x. To undertake troubleshooting and resolving routine software application problems;
- xi. To undertake software modelling and simulation;
- xii. To undertake front end graphical user interface design/programming;
- xiii. To undertake performance tuning, improvement, load balancing, usability, automation;
- xiv. To evaluate and identify new technologies for implementation;
- xv. To work closely with analysts, designers and other staff; and
- xvi. To undertake production system maintenance and support.

1.0.3 QUALIFICATIONS AND EXPERIENCE

- Bachelor of Science/Bachelor in Engineering in one of the following fields; Information Technology, Information system, Computer Science, Computer Engineering or equivalent degree from a recognized institution plus;

- Practical knowledge and experience of at least three (3) years in developing large systems will be an added advantage.
- Strong understanding of the Software Development Life Cycle (SDLC) methodologies, Working knowledge of various software languages PHP (mandatory), Java (mandatory), C/C++/C, .NET, Python], Strong practical knowledge of Java, JavaScript, PHP, .NET, and Python software programming languages. Advanced knowledge in DHTML, HTML5, CSS and CSS3, Java Script, jQuery, jQuery Mobile, SAPUI5 Photoshop, and Responsive Web Design, Strong knowledge on MySQL and Postgre SQL Database Management Systems, Knowledge on MS SQL Server, Oracle and other DBMS, Conversance with cross-platform software such as Flutter and capability to develop Linux based applications, Knowledge and conversance with PCI/DSS requirement in mobile applications software development and Possession of relevant recognized Software developer professional certification will be added advantage.

1.0.4 OTHER SKILLS AND COMPETENCIES REQUIRED

- Practical skills on Object Oriented Design and Analysis (OOA and OOD);
- Technical knowledge in determining end-to-end software requirements specification and design;
- Experience in SOAP/REST/Web Services, Application Servers (IIS, Apache, Apache Tomcat, Web Logic, etc.);
- Experience and knowledge in Spring Framework (Spring MVC) and other similar application development frameworks;
- Hands-on experience with git;
- Hands-on experience with development in Java/JEE environments;
- Experience/knowledge on XML, JSON, JWTZ and other similar data exchange protocols;
- Knowledge in containerization and micro services application development approaches; and
- Ability to work both front end and back end for developing APIs.

1.0.5 SALARY SCALE: As per DART salary scale.

1.1.1 ICT OFFICER II (APPLICATION PROGRAMMER/MOBILE APPLICATIONS) –1 POST

1.1.2 DUTIES AND RESPONSIBILITIES

To accomplish Software Application Development Full Lifecycle:-

- To design, code, and debug mobile based applications based on various deployment platforms (e.g., USSD, SMS, Android, IOS etc.), operating systems, programming languages, database management systems, software analysis, code analysis,

- requirements analysis, software review, identification of code metrics, system risk analysis, software reliability analysis, etc;
- ii. To provide Administration, Operation and Maintenance support of Dar City Navigator Mobile Application and other mobile Applications in DART System;
 - iii. To assist and participate in analysis of user requirements, prototyping, development of new functionalities, maintenance of applications, integration of technological components, testing, deployment;
 - iv. To design, code and debug SMS, USSD and mobile based applications in various software languages,
 - v. To support, maintain and document software functionality;
 - vi. To install and configure appropriate application servers based on the application programs to be supported;
 - vii. To support, maintain, and prepare technical and user documentations for various software functionalities;
 - viii. To undertake software testing and quality assurance;
 - ix. To perform tuning, improvement, load balancing, usability, automation and
 - x. To produce detailed technical specifications and software code documentation.

1.1.3 QUALIFICATIONS AND EXPERIENCE

- Bachelor of Science/Bachelor of Engineering in one of the following fields; Information Technology, Information System, Computer Science, Computer Engineering or equivalent degree from a recognized institution.
- Practical knowledge and experience of at least three (3) years in developing large systems will be an added advantage.
- Working knowledge of various software languages [PHP (mandatory), Java (mandatory), C/C++, .NET, Python], Strong knowledge on PostgreSQL and MySQL Database Management Systems; Knowledge on MS SQL Server, Oracle and other DBMS, Practical knowledge in designing and development of chat BOTs and Payment Systems, Conversance with PCI/DSS requirement in software development, practical knowledge and skills relevant to the position, and possession of relevant recognized Software developer professional certification will be added advantage.

1.1.4 OTHER SKILLS AND COMPETENCIES REQUIRED

- i. Strong understanding of the Software Development Life Cycle (SDLC) methodologies;
- ii. Experience in design and development of SMS/ USSD/iOS and Android based Applications;
- iii. Experience in installation and administration of SMS, USSD and IVR Platforms;
- iv. Technical knowledge in determining end-to-end software requirements specification and design;
- v. Practical skills on Object Oriented Design and Analysis (OOA and OOD);
- vi. Knowledge in approaches containerization and micro services application development;

- vii. Working knowledge of Linux and Unix Server platforms;
- viii. Experience in SOAP/REST/Web Services, Application Servers (Apache, Apache Tomcat, WebLogic etc);
- ix. Experience in Spring Framework (Spring MVC) and other similar application development frameworks;
- x. Hands-on experience with Jenkins, Git, Junit;
- xi. Experience/knowledge on JSON, XML, JWTZ and other similar data exchange protocols;
- xii. Familiarity with software code versioning and repository systems; and
- xiii. Ability to work both front end and back end for developing APIs.

1.1.5 SALARY SCALE: As per DART salary scale

2.0 TREASURY REGISTRAR OFFICE

The Office of the Treasury Registrar (OTR) was established under the Treasury Registrar (Powers and Functions) Act, (Cap 370, and R.E 2002) as amended. It is a government institution mandated to supervise public and statutory corporations (PSCs), custodian of public investments and rendering of advice to the government on various matters pertaining to performance of PSCs and their investments.

2.0.1 ICT OFFICER II (APPLICATION PROGRAMMER/WEB DEVELOPER)–2 POSTS

2.0.2 REPORTS TO: Assistant Director of ICT

2.0.3 JOB PURPOSE

To create, modify and test the codes, forms and script that allow computer applications to run, design and create software programs, integrating system as well as maintaining operating system.

2.0.4 DUTIES AND RESPONSIBILITIES

- i. To administer computer system by ensuring that all times the system are properly functioning and help users to understand their operations;
- ii. To develop, test and deploy programs and computer applications;
- iii. To create backups for business system, test and update contingency measures in accordance with the OTRs ICT policy;
- iv. To assist users to prepare system requirement specifications for automation;
- v. To analyse system incident reports and change request from users (Troubleshooting, debugging, maintaining and improving existing system);

- vi. To prepare, review and maintain repository of specifications, standards and procedures for business systems and
- vii. To perform other related duties as may be assigned by the supervisor.

2.0.5 QUALIFICATION AND EXPERIENCE

- Holder of a Bachelor Degree in either Computer Science, Computer Engineering, Software Engineering or its equivalent from accredited institution with at least **upper second class**.
- Working knowledge of various software language (eg. Java, JavaScript, PHP, Laravel and Yii Framework); Knowledge in Agile and Scrum development methodologies; Knowledge of the software development life cycle and Familiarity with NodeJs, ReactJs, NET, Docker and Python will be an added advantage.

3.0 MINISTRY OF LANDS, HOUSING AND HUMAN SETTLEMENTS DEVELOPMENT

The ministry of lands was established as a department of Lands and later changed into a full ministry which changed its name according to the functions within that specific period. The current name is Ministry of Lands, Housing and Human Settlements Development which encompass core sector Departments which are: Land Administration, Survey and Mapping, Physical Planning and Housing. Core sector units are Registration of Titles, Property Valuation, and District Land and Housing Tribunal. Apart from that, the Ministry has various Supporting Departments and Units which increase the efficiency of work in the ministry like Administration and Human Resources Management, Finance and Accounts, Internal Audit, Legal Services, Policy and Planning, Information Communication and Technology (ICT), Information-Education and Communication and Procurement Management. The ministry has an agency dealing with Housing and Building materials research, a commission dealing with Land Use Planning and also the National Housing Corporation. The mandate of the ministry is to facilitate an effective management of land and human settlements development services for the betterment of social and economic well – being of the Tanzanian society

3.0.1 TECHNICIAN (SURVEYOR) – 85 POSTS

3.0.2 JOB PURPOSE

To assist Land Surveyor in data conversion exercise of survey plans.

3.0.3 DUTIES AND RESPONSIBILITIES

To perform all activities in Data conversion of survey maps, including the following;

- i. To sort and record all approved survey plans in data conversion exercise;
- ii. To scan all survey plans in data conversion exercise;
- iii. To Geo-referencing survey plans with QGIS in data conversion exercise;
- iv. To Vectorize survey plans with QGIS in data conversion exercise;
- v. To participate in Parcel identification in unplanned areas;
- vi. To Redraw town planning drawings as needs may arise;
- vii. To Prepare daily reports; and
- viii. To perform any other related duties as may be assigned by immediate supervisor

3.0.4 QUALIFICATIONS AND EXPERIENCE

- Certificate in one of the following fields; **Geomatics** and **Geo-informatics** or equivalent academic qualifications from a recognized institution. Applicants should be qualified and experienced in the practice of spatial data analysis software (QGIS) and must have Laptop and Smartphone. Experience in similar projects will be added advantage.

3.0.5 PERSONNEL ATTRIBUTES REQUIRED

The candidates must be self-motivated, efficient, committed and able to work under minimum supervision, strong team spirit, ability to interact and work effectively with both team members and superiors and pay respect to directives.

3.0.6 SALARY SCALE: As per Government Scale

3.1.1 TECHNICIAN (CARTOGRAPHER) – 200 POSTS

3.1.2 DUTIES AND RESPONSIBILITIES

To perform all activities in Data conversion of town planning drawings and survey plans, including the following;

- i. To Scan all town planning drawings & survey maps;
- ii. To Geo-reference town planning drawings & surveying maps;
- iii. To Vectorize town planning drawings with QGIS;
- iv. To participate in Parcel identification in unplanned areas;
- v. To Prepare maps as needs may arise; and
- vi. To perform any other related duties as may be assigned by immediate supervisor

3.1.3 QUALIFICATIONS AND EXPERIENCE

Certificate in **Cartography** from recognized institutions. Applicants should be qualified and experienced in the practice of spatial data analysis software (QGIS) and must have Laptop and Smartphone. Experience in similar projects will be added advantage

3.1.4 PERSONNEL ATTRIBUTES REQUIRED

The candidates must be self-motivated, efficient, committed and able to work under minimum supervision, strong team spirit, ability to interact and work effectively with both team members and superiors and pay respect to directives.

3.1.5 SALARY SCALE: As per Government Scale

3.2.1 INFORMATION AND COMMUNICATION TECHNOLOGY OFFICER II – 25 POSTS

3.2.2 JOB PURPOSE

To assist in data conversion exercise of town planning drawings.

3.2.3 DUTIES AND RESPONSIBILITIES

To perform all activities in Data conversion of, including the following;

- i. To provide ICT support in Data conversion activities;
- ii. To repair data conversion equipment;
- iii. To analyses converted data and process it into specific data formats; and
- iv. To perform any other related duties as may be assigned by immediate supervisor

3.2.4 QUALIFICATIONS AND EXPERIENCE

Bachelor degree in Computer Science or Information Technology from recognized institutions. Applicants should be qualified and experienced in the practice of spatial data analysis software (QGIS) and must have Laptop and Smartphone. Experience in similar projects will be added advantage.

3.2.5 PERSONNEL ATTRIBUTES REQUIRED

The candidates must be self-motivated, efficient, committed and able to work under minimum supervision, strong team spirit, ability to interact and work effectively with both team members and superiors and pay respect to directives.

SALARY SCALE: As per Government Scale

GENERAL CONDITIONS

- i. All applicants must be Citizens of Tanzania generally with an age not above **45** years of age except for those who are in Public Service;
- 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, (where applicable);**
 - 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. An applicant must upload recent Passport Size Photo in the Recruitment Portal;
- vii. An applicant employed in the Public Service should route his application letter through his respective employer;
- viii. An applicant who is retired from the Public Service for whatever reason should not apply;
- ix. An applicant should indicate three reputable referees with their reliable contacts;
- x. Certificates from foreign examination bodies for Ordinary or Advanced level education should be verified by The National Examination Council of Tanzania (NECTA).
- xi. 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);
- xii. An applicant with special needs/case (disability) is supposed/advised to indicate;
- 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 - Asha
Rose Migiro Buildings - Dodoma.

- xiv. Deadline for application is **13rd April, 2022**;
- xv. Only short-listed candidates will be informed on a date for interview and;
- xvi. 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')*

Released by:

ACTING SECRETARY

PUBLIC SERVICE RECRUITMENT SECRETARIAT