



Tanzania National Roads Agency (TANROADS) is vested with the responsibility of Maintenance and Development of the Trunk and Regional Roads Network in Tanzania Mainland. It is also responsible in conducting Axle Load Control Operations using weighbridge scales.

The Regional Manager TAN ROADS Shinyanga on behalf of the Chief Executive TAN ROADS is looking for suitable qualified and competent Tanzanians to fill vacant posts available for the project of Upgrading of Kahama – Bulyanhulu Junction – Kakola (73KM) Road to Bitumen Standard; Contract No: AE/001/2022-23/HQ/W/70.

TAN ROADS therefore intends to recruit qualified and competent staff to fill vacancy posts on specified contract for the aforementioned project in the following fields

**1. POSITION TITLE: PRINCIPAL ENGINEER II (RESIDENT ENGINEER) – 1 POST**

**Entry Qualification:**

Holders of Master Degree in one of the following fields: Civil Engineering, Highway Engineering, Transportation Engineering or equivalent from a recognized Institutions with working experience of at least ten (10) years in related field. Must be registered by ERB as Professional Engineer.

**Duties and Responsibilities:**

- Shall head the site staff and shall be responsible for all technical and administrative aspects on site

- To supervise contractor at site and force account operations
- To prepare work plans for the project
- To manage quality control;
- To manage project contracts
- To prepare progress reports for contracts;
- To process contractor invoices and facilitates payments;
- To attend regular site meetings and prepare minutes;
- To monitor implementation of Social and Environmental Impact mitigation measures during the construction of the works in consultation with the Environmental Specialist of TANROADS.
- Keeping updated all records including reports, works diaries, correspondences, instructions given to contractor(s), test records, measurement and quantity calculations, payment records and all other relevant documents pertaining to the works operations and supervision contracts; and
- To perform such other related duties as may be assigned by the Project Manager (PM)

## **2. POSITION TITLE: SENIOR ENGINEER (HIGHWAY ENGINEER) – 1 POST**

### **Entry Qualifications:**

Must be a Tanzanian Citizen who is a holder of Bachelor Degree in one of the following fields: Civil Engineering, Highway Engineering, Transportation Engineering or equivalent qualifications from a recognized Institutions with

working experience of at least seven (7) years in related field. Must be registered by ERB as Professional Engineer.

**Duties and Responsibilities:**

- To supervise conformity of contract conditions and specifications;
- To review existing design and identify any shortfalls and advise to the Resident Engineer appropriately during the construction period;
- To identify and locate all beacons and benchmarks to enable the contractor set out and construct the works;
- To inspect completed works in order to ensure compliance with technical specification requirements;
- To prepare control charts of the main activities and a project master schedule, indicating both past performance and forecasts for completion including time involved in each case;
- To measure quantities of works satisfactorily carried out;
- To prepare and submit detailed progress report with updated cost of the civil works to the Resident Engineer; and
- To perform such other related duties as may be assigned by the Project Manager (PM)

**3. POSITION TITLE: SENIOR ENGINEER (MATERIALS) – (1 POST)**

**Entry Qualifications:**

Must be a Tanzanian Citizen who is a holder of Bachelor Degree in one of the following fields: Civil Engineering, Highway Engineering, Transportation Engineering, Structural Engineering or equivalent qualifications from a

recognized Institutions with working experience of at least seven (7) years in related field. Must be registered by ERB as Professional Engineer.

**Duties and Responsibilities:**

- Complete supervision of the laboratory and experiments, to strictly apply the specifications;
- Ensure the implementation of the QA/QC procedures in the project. The entire Quality Check list is to be effectively implemented;
- Inspecting, testing and approving all materials and completed works to ensure compliance with technical specification requirements;
- Ensure the proper, regular and approved calibrations are taking place and on time for all testing equipment in the Laboratories;
- Oversee that all approved material samples inside the samples room on site are organized, properly stored and labeled;
- Prepare daily reports regarding the work, approved samples and the supplied materials, and check inventories besides keeping records for all materials activities in the project;
- To advise the Resident Engineer regarding the applications of materials used on site in addition to the quality control;
- Review test results by Contractor and their respective pavement and materials reports and advise on the way-forward.

**4. POSITION TITLE: SENIOR LAND SURVEYOR (TOPOGRAPHICAL SURVEYOR) – (1 POST)**

**Entry Qualifications:**

Must be a Tanzanian Citizen who is a holder of Bachelor Degree or Advanced Diploma in one of the following fields: Land Surveying, Geomatics or equivalent qualifications from a recognized Institutions with working experience of at least five (5) years in related field. Must be registered by NCPS as professional Land Surveyor.

**Duties and Responsibilities:**

- Prepare and maintain sketches, maps and reports of works performed;
- Review survey data for accuracy, including measurements and calculations conducted at survey sites;
- Direct or conduct surveys in order to establish legal boundaries for properties;
- Record the results of surveys, including the shape, contour, location, elevation, and dimensions of land or land features;
- Search legal records, survey records, and land titles in order to obtain information about property boundaries in areas to be surveyed;
- Coordinate findings with engineers, clients, and other stakeholders concerned with projects;
- Adjust surveying instruments in order to maintain their accuracy;
- Establish fixed points for use in making maps, using geodetic and engineering instruments;
- Determine longitudes and latitudes of important features and boundaries in survey areas;
- Develop criteria for survey methods and procedures;
- Determine specifications for photographic equipment to be used for aerial photography; and

- Perform such other related duties as may be assigned by Supervisor.

## **5. POSITION TITLE: ASSISTANT LAND SURVEYOR (1 POST)**

### **Entry Qualifications:**

Must be a Tanzanian Citizen who is a holder of Diploma in Land Surveying or equivalent from a recognized Institutions with working experience of at least five (3) years in related field.

### **Duties and Responsibilities:**

- To assist in preparation and sketches, maps and reports of works performed;
- To assist in reviewing survey data for accuracy, including measurements and calculations conducted at survey sites;
- To record the results of surveys, including the shape, contour, location, elevation, and dimensions of land or land features;
- To assist in determining specifications for photographic equipment to be used for aerial photography; and
- Perform such other related duties as may be assigned by Supervisor

## **6. CAD TECHNICIAN (1 Post)**

### **Key Entry Qualifications:**

Must be a Tanzanian Citizen who is a holder of Diploma in Civil Engineering, Highway Engineering or equivalent from a recognized Institutions with working experience of at least five (3) years in related field. He/she must have Certificate in CAD training.

### **Duties and Responsibility:**

1. To prepare drawings and sketches in collaboration with other staff related to road or bridge design; and
2. Liaise with Highway Engineer for sketches or drawings improvements on road/bridge design.

**7. POSITION TITLE: SENIOR ENGINEER (STRUCTURES/BRIDGE ENGINEER) – (1 POST)**

**Entry Qualifications:**

Must be a Tanzanian Citizen who is a holder of Bachelor Degree in one of the following fields: Civil Engineering, Highway Engineering, Transportation Engineering, Structural Engineering or equivalent qualifications from a recognized Institutions with working experience of at least seven (7) years in related field. Must be registered by ERB as Professional Engineer.

**Duties and Responsibilities:**

- Review structural drawings and reports for conformity to the applicable standards and specifications;
- Review, inspect and approve construction materials of works for compliance with technical specifications;
- Keep and maintain records including reports, works diaries, correspondences, instructions given to contractor(s) and any other matters relating to drainage structures on day-to-day basis;
- Approve measured quantities of drainage works satisfactorily carried out on daily basis;
- Prepare and submit mini progress report with updated costs of drainage works on daily basis; and

- Perform such other related duties as may be assigned by Supervisor.

Successful applicants must be ready to work for considerable lengths of time in Kahama District where the project is located.

**Terms of Service:**

1. The Terms of Employment: Specified Contract for 1 year
2. Salary: TANROADS Salary scale with other site allowances as per  
TANROADS Incentive Policy

All interested and qualified Tanzanians are invited to submit their applications enclosing their detailed and signed Curriculum Vitae, Certified Copies of relevant Education and Professional Certificates with names of two reputable referees and their contact addresses, telephone number (s) and e-mail addresses, so as to reach the below mentioned addressee not later than 16.30 hours on 17<sup>th</sup> February, 2024.

Late Applications will not be considered for evaluation under this recruitment. Only shortlisted candidates will be contacted. Those applicants who will not be contacted for interview should consider themselves unsuccessful.

**Applications should be submitted to: –**

**The Regional Manager,**

**TANROADS,**

**P O Box 62,**

**SHINYANGA.**

Regional Managers Office: Ushirika Area, Mwanza Road, P. O. Box 62, Shinyanga. Tell: 028-2762592, 2763941,

Fax: 028-2762551,2763141 Email: [rm-shinyanga@tanroads.go.tz](mailto:rm-shinyanga@tanroads.go.tz)

TANROADS is an Executive Agency of the Ministry of Works established under the Executive Agencies Act, 1997