



Introduction

The Tanzania Railways Corporation (TRC), in collaboration with China Civil Engineering Construction Corporation (CCECC) and China Railway Construction Company (CRCC), is driving the transformative Design and Build Contract for the Electrified Standard Gauge Railway (SGR) Line Phase II from Tabora to Kigoma. This 506 km railway project, a critical component of Tanzania's infrastructure development, aims to enhance regional connectivity and reduce cargo transportation costs. To support this ambitious initiative, CCECC is seeking talented professionals for nine positions: Railway Engineering Planning and Contract Engineers (3 posts), Railway Engineering Test Engineers (3 posts), and Subgrade Engineers (3 posts). These roles offer a unique opportunity to contribute to a landmark project while advancing your career in railway engineering. Below, we detail each job vacancy, including descriptions, eligibility requirements, important dates, and a clear application process.

Job Vacancy Listings:

1. JOB TITLE: Railway Engineering Planning and Contract Engineers – 3 Positions

Description:

Railway Engineering Planning and Contract Engineers will oversee contract management for the Tabora to Kigoma SGR project, ensuring compliance with international standards (e.g., FIDIC) and Tanzanian regulations. Responsibilities include drafting and executing contracts, managing variations, and collaborating with project stakeholders to optimize schedules and costs. This role is ideal for professionals with strong technical and legal expertise in railway engineering.

Key Responsibilities:

- Draft and execute subcontracts, procurement contracts, and lease agreements.
- Manage engineering variations and claim documentation.
- Verify bills of quantities for accurate measurement and payment.
- Collaborate with the chief engineer on construction organization design and schedule adjustments.
- Ensure compliance with Tanzanian labor laws and project regulations.
- Conduct data analysis for cost control and project optimization.

Eligibility Requirements:

- **Educational Background:** Bachelor's degree or higher in Civil Engineering, Law, Engineering Management, or related fields.
- **Technical Competencies:**
 - Proficiency in railway engineering standards and construction drawing interpretation.
 - Familiarity with FIDIC contract clauses and Tanzanian legal requirements.
- **Work Experience:** Minimum 3 years of international project contract management experience, preferably in railway projects.
- **Certifications:** Preference for candidates with internationally recognized contract management certifications.
- **Language Skills:** Fluency in English (written and spoken); proficiency in Chinese or Swahili preferred.
- **Additional Requirements:**

- Knowledge of Tanzanian labor laws and public project provisions (e.g., tender processes, local employment ratios).
 - Strong cross-cultural communication skills to coordinate with local and international teams.
 - Ability to adapt to challenging environments and long-term overseas assignments.
 - Regular safety training and railway position training certification required.
- **Age and Health:** 25–45 years old, in good health with no major medical conditions.

Location: Tabora to Kigoma, Tanzania (workplace may include Kigoma or Dar es Salaam).

Duration: Full-time, long-term overseas assignment.

Important Dates:

- **Application Deadline:** May 23, 2025.

How to Apply:

1. Prepare your resume and cover letter in English.
2. Combine both documents into a single file.
3. Email your application to hr.recruitment.cceccsgrlot6@gmail.com.
4. Ensure the subject line reads “Railway Engineering Planning and Contract Engineer Application.”
5. Submit your application by May 23, 2025.

Note: Only shortlisted candidates will be contacted.

2. JOB TITLE: Railway Engineering Test Engineers – 3 Positions

Description:

Railway Engineering Test Engineers will conduct critical testing procedures to ensure the quality and safety of materials and construction for the Tabora to Kigoma SGR project. Responsibilities include earthwork testing, concrete mix design, and coordinating third-party inspections. This role suits professionals with a strong background in engineering testing and a commitment to precision.

Key Responsibilities:

- Perform testing procedures (e.g., earthwork, concrete mix design, asphalt performance).
- Analyze test data using engineering software and prepare reports.
- Coordinate third-party inspections for steel structures and material performance.
- Manage laboratory processes, including equipment maintenance and test report review.
- Ensure testing aligns with project timelines and complies with safety regulations.

Eligibility Requirements:

- **Educational Background:** Associate degree or higher in Road and Bridge Engineering, Materials Science, Construction Materials, or related fields.
- **Technical Competencies:**
 - Familiarity with railway or highway engineering testing procedures.
 - Proficiency in engineering software for data analysis.

- **Work Experience:** Minimum 3 years of testing experience in international or large-scale infrastructure projects, preferably railways.
- **Certifications:** Preference for candidates with internationally recognized testing certifications (e.g., material inspection, test engineer certification) and knowledge of Tanzanian and AREMA standards.
- **Language Skills:** Fluency in English (written and spoken); proficiency in Chinese or Swahili preferred.
- **Additional Requirements:**
 - Strong coordination skills with design, construction, and safety teams.
 - Willingness to work in challenging conditions (e.g., high temperatures, disease-prone areas).
 - Knowledge of Tanzanian labor laws and engineering safety regulations.
 - Mandatory participation in safety training.
- **Age and Health:** 25–45 years old, in good health with no major medical conditions.

Location: Tabora to Kigoma, Tanzania.

Duration: Full-time, long-term overseas assignment.

Important Dates:

- **Application Deadline:** May 23, 2025.

How to Apply:

1. Prepare your resume and cover letter in English.
2. Combine both documents into a single file.
3. Email your application to hr.recruitment.cceccsgrlot6@gmail.com.
4. Ensure the subject line reads "Railway Engineering Test Engineer Application."
5. Submit your application by May 23, 2025.

3. JOB TITLE: Subgrade Engineers – 3 Positions

Description:

Subgrade Engineers will oversee the construction of the railway subgrade, ensuring compliance with Tanzanian and AREMA standards. Responsibilities include supervising construction quality, managing schedules, and optimizing resource allocation. This role is ideal for engineers with experience in railway subgrade construction and a focus on quality control.

Key Responsibilities:

- Review drawings and formulate construction plans for subgrade works.
- Supervise construction quality (e.g., soft subgrade, embankment filling, drainage).
- Participate in engineering measurement, cost control, and schedule management.
- Guide on-site operations to ensure compliance with design requirements.
- Optimize resource allocation for efficient project delivery.

Eligibility Requirements:

- **Educational Background:** Bachelor's degree or higher in Civil Engineering, Road and Bridge Engineering, Transportation Engineering, or related fields.
- **Technical Competencies:**
 - Familiarity with Tanzanian and AREMA standards.
 - Proficiency in CAD, Project, and other office software.
 - Ability to manage quality control and technical aspects of subgrade construction.
- **Work Experience:** Minimum 3 years of subgrade construction experience, preferably in railway projects.
- **Certifications:** Preference for candidates with Senior Engineer titles or relevant professional qualifications.
- **Language Skills:** Fluency in English (written and spoken); proficiency in Chinese or Swahili preferred.

Additional Requirements:

- Strong cross-departmental coordination skills.
- Willingness to work in field environments with challenging conditions.
- Knowledge of Tanzanian labor laws and engineering safety regulations.
- Mandatory participation in safety training.
- **Age and Health:** 25–45 years old, in good health with no major medical conditions.

Location: Tabora to Kigoma, Tanzania.

Duration: Full-time, long-term overseas assignment.

Important Dates:

- **Application Deadline:** May 23, 2025.

How to Apply:

1. Prepare your resume and cover letter in English.
2. Combine both documents into a single file.
3. Email your application to hr.recruitment.cceccsgrlot6@gmail.com.
4. Ensure the subject line reads "Subgrade Engineer Application."
5. Submit your application by May 23, 2025