

## 1. JOB TITLE: Highway Engineer

### Position Reports to:

Project Director, Zanzibar Urban Roads Rehabilitation and Improvement Project

### Primary Purpose of Position:

Highway Engineer on the Zanzibar Urban Roads Rehabilitation & Improvement Project responsible for geometric design (preliminary and detailed design) of roads.

### Key Responsibilities:

- Participate in the technical delivery of transport infrastructure design projects as assigned by the Project Director or Design Manager
- Geometric design of roads and ancillary infrastructure
- Contribute to the preparation and implementation of quality management plans for the project, and adhere to all Design Management guidelines as per the SMEC BMS
- Interact with other disciplines to ensure harmonious interface of all components on projects assigned
- Liaise with Project Director, Design Manager, Technical Principal and Project Manager to ensure projects run efficiently
- Mentor and train junior engineers in the spirit of knowledge transfer
- Other duties as assigned to meet the requirements of the function and company in general

### Key Performance Indicators

- Production of all deliverables to a high-quality standard
- Production of all deliverables within the required timescales and budget
- Fruitful collaboration in/with diverse project teams

- Effective liaison with the Employer, The Engineer, The EPC Contractor (SMEC's client) and SMEC's wider design team
- Flexibility, adaptability and responsiveness to dynamic project environment and client requirements

### **Key Qualifications, Knowledge, Skills and Experience**

- Degree in Civil Engineering
- 6 – 7 years' experience consulting environment in East Africa as a Highway Engineer
- Extensive knowledge and experience designing major structures
- Knowledge of Tanzanian Highway Design Standards and Specifications
- Extensive knowledge of Highway Design Software
- Project Management skills
- Understanding of international consulting and construction business
- Strong computer skills (Word, Excel, Outlook and Power Point)
- Excellent spoken and written English

## **2. JOB TITLE: Bridge/ Structural Engineer**

### **Position Reports to:**

Project Director, Zanzibar Urban Roads Rehabilitation and Improvement Project

### **Primary Purpose of Position:**

Bridge/ Structural Engineer on the Zanzibar Urban Roads Rehabilitation & Improvement Project responsible for design coordination, design checking, field verification, reporting and client liaison with respect to the major structures on the project, in particular the planned flyovers.

### **Key Responsibilities:**

- Co-responsible for the technical delivery of major structures design, including field visits necessary for the design process
- Contribute to the preparation and implementation of quality management plans for the project, and adhere to all Design Management guidelines as per the SMEC BMS
- Coordinate, lead and oversee production of quality output from the broader structural design team
- Interact with other discipline leads to plan design work, production and to ensure harmonious interface of all components on projects assigned

- Liaise with Project Director, Design Manager, Technical Principal and Project Manager to ensure projects run efficiently
- Identify and communicate structural design standards and specific client requirements to the wider structural design team
- Other duties as assigned to meet the requirements of the project, function and company in general

### **Key Performance Indicators**

- Production of all deliverables to a high-quality standard
- Production of all deliverables within the required timescales and budget
- Fruitful collaboration in/with diverse project teams
- Effective liaison with the Employer, The Engineer, The EPC Contractor (SMEC's client) and SMEC's wider structural design team
- Flexibility, adaptability and responsiveness to dynamic project environment and client requirements

### **Key Qualifications, Knowledge, Skills and Experience**

- Degree in Civil Engineering
- Not less than 8 years' experience consulting environment in East Africa as a Bridge/ Structural Engineer
- Extensive knowledge and experience designing major structures
- Knowledge of Tanzanian Structural Design Standards and Specifications
- Extensive knowledge of Structural Design Software
- Project Management skills
- Understanding of international consulting and construction business
- Strong computer skills (Word, Excel, Outlook and Power Point)
- Excellent spoken and written English

### **How to Apply:**

Please send your CV and Cover Letter  
to [proctan@smec.com](mailto:proctan@smec.com)

**The deadline for submitting the application is 30 March 2023.**