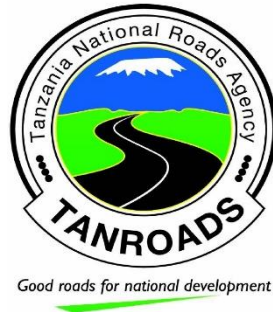


THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF WORKS AND TRANSPORT



**DAR ES SALAAM URBAN TRANSPORT IMPROVEMENT PROJECT
(DUTP)**

**TERMS OF REFERENCE FOR INDIVIDUAL CONSULTANT TO SUPPORT
THE IMPLEMENTATION OF DUTP AND CAPACITY STRENGTHENING
TO TANROADS THROUGH THE ENGAGEMENT OF A ROAD SAFETY
ENGINEER**

APRIL, 2023

TERMS OF REFERENCE FOR INDIVIDUAL CONSULTANT TO SUPPORT THE IMPLEMENTATION OF DUTP AND CAPACITY STRENGTHENING TO TANROADS THROUGH THE ENGAGEMENT OF A ROAD SAFETY ENGINEER

1.0 BACKGROUND

The Government of the United Republic of Tanzania has received a credit from the World Bank towards the cost of the Dar es Salaam Urban Transport Improvement Project (DUTP) and intends to apply part of the proceeds of this Credit for eligible payments under the contract for Consultancy Services to Support Implementation of DUTP and capacity strengthening to TANROADS through recruitment of one (1) Road Safety Engineer.

2.0 PROJECT DESCRIPTION

The principal objective of the BRT) Project is to improve urban mobility and accessibility in the city of Dar es Salaam through the provision of enhanced transport facilities that are reliable and cost-effective, thereby supporting the economic and social development of the city and the country as a whole.

In order to ensure sustainable improvement of road safety in the implementation of BRT Infrastructure Projects, TANROADS needs to recruit a Road Safety Engineer to match with the available workload to curb cross-cutting issues that need to be addressed from project planning, designing, constructing, maintaining and operating. Project implementation affects people's safety along the Project's areas of influence. As such, it requires expertise to manage these cross-cutting issues at various stages of project development (i.e., planning, implementation, and operation). Though TANROADS has professional expertise in road safety, the number of personnel does not match with the current workload, hence a need for additional staff to fill the gap in order to assist the management of the road projects efficiently and effectively.

In order to manage properly the implementation of the project, TANROADS wishes to engage a young, dynamic, motivated, creative and open-minded Individual Consultant to support management of the Project in the capacity of a Road Safety Engineer of which, this Terms of Reference refers.

3.0 OVERALL OBJECTIVE OF THE SERVICES

The overall objective of the assignment is to carry out a day-to-day road safety activity in the implementation of BRT Infrastructure projects under **DUTP**. This will involve initiating and carrying out timely and efficient monitoring of the compliance of road safety issues by the Contractors and Consultants in the implementation of the BRT Infrastructure Projects.

4.0 SCOPE OF WORK FOR THE ROADS SAFETY ENGINEER

The scope of work of the Road Safety Engineer shall include the following activities: -

- (i) Manage the BRT's Road Safety Management operations by formulating short-term and long-term programs for road safety improvement;
- (ii) Ensure that all recommendations made from Road Safety Screening and Appraisal Tool (**RSSAT**) are incorporated in the design of all project roads and implemented accordingly during road works;
- (iii) Carry out a peer review of submitted Road Safety Audits and Carry out Road Safety Audits (from Feasibility, design, construction and operation stage) as shall be deemed necessary. Also ensure that all RSA recommendations are incorporated.
- (iv) Carry out peer review and monitor Traffic Management Plans prepared by the Contractors and follow up its operation upon approval by Resident Engineers (RE) and TANROADS;
- (v) Initiate the placement and installation of roadside furniture such as standard traffic signs, road markings, signals, guardrails, barriers, etc to ensure safe traffic flow on the road network;
- (vi) Conduct regular road safety inspection and monitoring along the project roads to check conditions and availability of the temporary and permanent road signs (in accordance with approved or agreed standards) installed by Contractors and recommend on safety-related improvements to infrastructure;
- (vii) Coordinate with Road Safety Consultants in carrying out the Road Safety Audits at all stages of project implementation (i.e., During design and construction of project roads);
- (viii) Initiate identification of Black spots areas and propose road safety countermeasures along project roads;
- (ix) Develop a communication programme to address road safety and improvement along the Project roads;
- (x) Monitor Contractor's compliance with road safety standards during implementation of road construction projects;
- (xi) Coordinate with Road Safety Consultants to prepare and conduct awareness and education programmes to pedestrians, cyclist, and, Contractor's personnel drivers on safer use of project roads;
- (xii) In liaison with Road Safety Consultants, ensure improvement of junctions and traffic signalising system to enhance road safety and benefits to road users.

5.0 QUALIFICATIONS AND EXPERIENCE REQUIRED

The desired attributes for the position are as follows:

a) Education:

- (i) The Road Safety Engineer must be a registered professional Civil/ Transportations/ Highway Engineer with a Bachelor's Degree in Civil/ Transportation/Highway Engineering.
- (ii) Knowledge of road safety tools like RSSAT, iRAP is an added advantage

b) Professional Experience:

- (i) She/He must have at least eight (8) years cumulative experience in the implementation of road development projects, out of which three (3) years of working experience in the field of road safety improvement including undertaking road safety audit/Inspection to identify safety inadequacies in road design, construction, develop safety mitigation measures and inspect the newly completed road.
- (ii) She/he must have been involved in at least two (2) Road Safety Audit (RSA) as a RSA team member within the last 8 years.
- (iii) She/he must have knowledge of Safe System Approach to road safety.

c) Language and Regional Experience:

- (i) Must have a working experience of at least three (3) years in developing countries and
- (ii) Proficiency in written and spoken English is mandatory.

6.0 FACILITIES TO BE PROVIDED BY THE EMPLOYER

The Employer will provide the following facilities to the staff:

- 6.1 Shared office accommodation including office furniture and equipment;
- 6.2 Work-related transport to and from project sites;
- 6.3 Relevant information and documents necessary for proper execution of the assignment;

7.0 DURATION OF SERVICES, PERFORMANCE REVIEW AND TERMINATION

7.1. Duration

The duration of the assignment will be 12 Months, may be renewed based on performance and project needs.

7.2. Performance Review

Notwithstanding Sub-Section 7.1 above, a succession of the Services from one year (i.e., 12 months) to another will be subject to the satisfactory performance of the Consultant.

7.3. Termination

Notwithstanding Sub-Section 7.2 above, the Contract may be terminated any time before the expiry of the duration of the assignment, in accordance with provisions of Employment and Labour Law Act No. 6 of 2004 of the United Republic of Tanzania.

8.0 RESPONSIBILITIES OF ROAD SAFETY ENGINEER

The Road Safety Engineer shall be responsible for the following:

- 8.1 All information, data and reports obtained from TANROADS shall be treated as confidential.
- 8.2 All plans, drawings, specifications, designs, reports, other documents, and software prepared by the Consultant for TANROADS under this Contract shall become and remain the property of TANROADS, and the Consultant shall, not later than upon termination or expiration of this Contract, deliver all such documents to TANROADS.
- 8.3 Arranging and paying for his/her own accommodation and daily local transport at his duty station.

9.0 REPORTING

- 9.1 The Road Safety Engineer shall report to the Project Manager responsible for the BRT Project under the Directorate of Projects, and from time to time will liaise with the Manager for Road Safety Section in TANROADS.
- 9.2 Preparing Road Safety monitoring reports on a quarterly basis on the implementation of Road Safety Management issues for BRT project components according to the TANROADS and World Bank formats. Reporting shall include concerns raised by stakeholders, potential interested and affected parties and propose mitigation measures.
- 9.3 The Road Safety Engineer will prepare a brief report each month, summarizing activities performed by him/her on daily basis; the report shall be in a format to be agreed by the Project Manager.

10.0 LEAVE AND WORKING HOURS

10.1. Leave

- 10.1.1. The Road Safety Engineer will be entitled to twenty-eight (28) days of paid annual leave during the assignment.

10.2. Working Hours

- 10.2.1. Ordinary working period starts from 8:00 AM to 4:30 PM commencing Monday to Friday excluding public holidays.
- 10.2.2. The Consultant will be expected to work on reasonable extra time when the need arises at no additional payment; the Consultant's remuneration shall be deemed to cover for such overtime.

11.0 PAYMENT TERMS

- 11.1. The Consultant's salary is negotiable but will not be more than the estimated value per month. A monthly lump sum amount of remuneration per month will include all his overheads, social charges and other associated costs including local transportation within Dar es Salaam and insurance premium costs.
- 11.2. The Consultant shall be responsible for all taxes and duties applicable as per the Government of Tanzania rules and regulations.
- 11.3. The monthly remuneration shall be deducted Pay as You Earn (PAYE) tax.
- 11.4. In case of travel requirements outside TANROADS HQ and within Tanzania for project-related assignments, the Consultant shall be paid travel expenses in line with the Government rules and procedures.
- 11.5. Payment to the expert in respect of remuneration will not be adjusted for inflation for the duration of assignment.

12.0 DUTY STATION

Dar es Salaam (TANROADS HQ offices), Tanzania with field visit as per requirement. There is a possibility of TANROADS HQ Offices to move to Dodoma mid-way the Contract.