

**THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF WORKS AND TRANSPORT**



TANZANIA TRANSPORT INTEGRATION PROJECT (TanTIP)

**TERMS OF REFERENCE FOR CONSULTANCY SERVICES FOR
TANROADS' CAPACITY STRENGTHENING – ENGAGEMENT OF ROAD
SAFETY ENGINEER**

FEBRUARY, 2023

TERMS OF REFERENCE FOR CONSULTANCY SERVICES FOR TANROADS' CAPACITY STRENGTHENING – ENGAGEMENT OF ROAD SAFETY ENGINEER

1.0 INTRODUCTION

The Government of the United Republic of Tanzania represented by the Ministry of Finance and Planning has secured credit from the World Bank towards the cost of the Tanzania Transport Integration Project (*TanTIP*). The Government intends to apply part of the proceedings of this credit to eligible payments under the Contract to strengthen Tanzania National Roads Agency (TANROADS) capacity in the implementation of Road Safety Safeguard issues through the recruitment of one (1) Road Safety Engineer in the fields of Road Safety Management. The recruited Road Safety Engineer will be working with TANROADS Road Safety Department to manage issues related to road safety in the project. TANROADS is a Road Agency under the Ministry of Works and Transport (MoWT), and is the Implementing Agency and the Client for this project.

The TANROADS was established, through the Executive Agency Act, of 1997 as part of the reform process for improving the efficiency of the road sub-sector. The establishment of TANROADS aims to provide cost-effective and sustainable maintenance and development of trunk and regional roads network, approximately 36,000 Km to support the socio-economic development of Tanzania.

In order to ensure sustainable improvement of road safety in the implementation of road development projects, TANROADS needs to recruit more Road Safety Engineers to match with the available workload in order to curb cross-cutting issues that need to be addressed in all stages from project planning, designing, construction, maintenance and operation. Project implementation affects people's safety in the projects' areas of influence. As such, it requires special expertise to manage these cross-cutting issues at various stages of project development (i.e. planning, implementation and operation). Assessment of TANROADS capacity to manage road safety issues revealed a staffing gap to manage the project at its various stages.

In recognition of this need, the World Bank (WB) has committed to finance the recruitment of One (1) Road Safety Engineer, who will be responsible for overseeing the road safety issues in the implementation of road projects under *TanTIP*.

2.0 OVERALL RESPONSIBILITIES

The overall responsibilities of the Road Safety Engineer is to oversee all road safety issues in the project and ensure full compliance with all provisions of the contract under *TanTIP*. This will involve among others initiating and carrying out timely and efficient monitoring of the compliance of road safety issues by the Contractors and Consultants and any other parties involved in the implementation of the road components under *TanTIP*.

3.0 SCOPE OF WORK FOR THE ROADS SAFETY ENGINEER

The scope of work of the Road Safety Engineer shall include but not be limited to the following activities: -

- (i) Manage the TanTIP's Road Safety Management operations by formulating short-term and long-term programs for safety improvement;
- (ii) Ensure that all recommendations made from Road Safety Assessment and Appraisal Tool (**RSAAT**) are incorporated in the design of all project roads and implemented accordingly during road works;
- (iii) Initiate and coordinate with the consultant to carry out Road Safety Audits (RSA) at various project development stages (from design, construction as well as pre-opening and post opening stages)
- (iv) Review and monitor Traffic Management Plan prepared by the Contractors and follow up its operation upon approval by Resident Engineer (RE) and TANROADS;
- (v) Initiate the placement and installation of roadside furniture such as standard traffic signs, marking, 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 existence of the road signs installed by Contractors and recommend infrastructure related improvements;
- (vii) Initiate identification of blackspots areas and propose road safety countermeasures along project roads;
- (viii) Develop a communication programme to address road safety and improvement along the project roads;
- (ix) Monitor Contractor's compliance in road safety aspects during the implementation of the contracts;
- (x) Initiate and coordinates road safety activities implementation both at National Level and Regional level for TANROADS;
- (xi) Coordinate with Road Safety Consultant to prepare and conduct awareness and education programmes to pedestrians, cyclists, and drivers on safer use of project roads;
- (xii) Organize and conduct training, seminars and workshops for engineers and

technicians seconded to work in the Road Safety Management in the projects and sub-section to upgrade individual skills and the capacity building;

- (xiii) Liaise with Road Safety Consultant, ensure improvement of junctions and traffic signalising system to enhance road safety.

4.0 REPORTING

The Road Safety Engineer shall report to the Director of Infrastructure Planning, through the Manager of the Road Safety Section. The Expert shall among others, be responsible for: -

- (i) Compiling regular reports on Road Safety Management of the TanTIP project and compiling any other special reports relating to specific issues relevant to the scope of works, as instructed by TANROADS;
- (ii) Preparing Road Safety monitoring reports on quarterly basis on the implementation of Road Safety Management issues for all 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;
- (iii) Monitoring and reporting to the TANROADS Management all information related to road safety incidents in the project and leading the team conducting root cause analysis of incidents
- (iv) The Experts will be required to prepare Monthly, Quarterly and Annual Road safety Progress Reports on the *TanTIP*.

5.0 QUALIFICATIONS AND EXPERIENCE REQUIRED

The desired attributes for the position are as follows:

a) Education:

- (i) She/He must be a registered professional Civil Engineer with a Bachelor's Degree in Civil Engineering.
- (ii) Postgraduate qualification in Transport/Highway Engineering will be an added advantage.

b) Working experience:

- (i) She/he must have at least eight (8) years of cumulative experience in the implementation of road development projects, out of which five (5) years working experience in the field of road safety improvement including undertaking road safety audit/inspection to identify road safety inadequacies at various stages of

road development (i.e design, construction, pre-opening and post-opening) and to develop road safety mitigation measures .

- (ii) She/he must have undertaken at least five (5) Road Safety Audits (RSAs) as a RSA team member within the last 10 years.

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

TANROADS will provide the Road Safety Engineer with facilities that will enable him/her to perform her/his duties in an efficient manner. These include but not limited to a fully furnished shared office, IT facilities and connections (computer, printer, facsimile, internet connection). In case the Road Safety Engineer is assigned activities outside Dar es Salaam, TANROADS will bear the cost of transport and per diem allowances as per Government rules and procedures.

7.0 DURATION OF ASSIGNMENT

The Services will commence immediate after signing the Contract. The assignment shall be for a period of twelve (12) months, renewable based on the satisfactory performance of the Consultant and Project needs.

8.0 PAYMENT TERMS

- (i). The Consultant's remuneration 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.
- (ii). The Consultant shall be responsible for all taxes and duties applicable as per Government of Tanzania rules and regulations.
- (iii). The monthly remuneration shall be deducted Pay As You Earn (PAYEE) tax.
- (iv). 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.
- (v). Payment to the expert in respect of remuneration will not be adjusted for inflation for the duration of assignment.

9.0 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)

10.0 LEAVE

The Road Safety Engineer will be entitled to twenty-eight (28) days paid leave per annum.