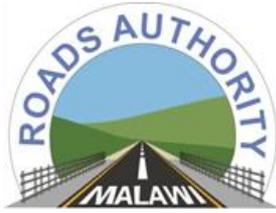


GOVERNMENT OF THE REPUBLIC OF MALAWI



Accelerating Malawi's Economic Growth



ROADS AUTHORITY (MALAWI)

OPEC Fund for International Development (OPEC Fund)

Name of Project: Upgrading of Mangochi – Makanjira (S129) Road

Financing: OPEC Fund for International Development

Component: PMU staffing

Assignment Title: Consultancy Services for the Design Validation and Construction Supervision of Mangochi – Makanjira (S129) Road.

TERMS OF REFERENCE FOR RECRUITMENT OF INDIVIDUAL CONSULTANT:

ROAD ENGINEERING SPECIALIST

Roads Authority, Functional Buildings, Off Kagame Road
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1. INTRODUCTION

The Malawi Roads Authority (RA) is a quasi-government body which was established by an Act of Parliament in year 2006 with a mandate to ensure that public roads are constructed, maintained and rehabilitated at all times. All Public roads, which form the national road network are under the Ministry of Works and Public Infrastructure. The Minister has however delegated the duty of looking after the various classes of roads to various Road Agencies like the RA, District and Local Councils and others. RA looks after the Main, Secondary and Tertiary roads throughout the country.

1.1. Background

The policy of the Government of Malawi (GoM) towards the roads sub-sector is to build, maintain and ensure efficient utilization of the road infrastructure and other services appropriate to meet the current and future development needs of the economy. This includes helping the people in the rural areas to gain access to income generating activities, such as agricultural activities and to social amenities such as hospitals, schools etc. by providing reliable and durable roads; thus facilitating the continued development of the country's rural areas through increased agricultural production, the mainstay of the country's economy.

The project will contribute significantly to this objective since it is aimed at providing reliable and durable bituminous road and bridges, which will enhance the usage of the road network. Currently, this is an earth road, which is continuously deteriorating due to environmental factors and becomes very slippery in some sections during the rainy season.

Therefore, the Government of Malawi through the Roads Authority (RA) intends to use resources from the OPEC Fund for International Development (OPEC Fund) towards the cost of undertaking a design validation and construction supervision of the rehabilitation of Mangochi – Makanjira (S129) Road. The improvement of the road will contribute in achieving the Government's programme of developing the road sector in the country by raising the standards of national road network and connecting the country with neighboring countries. Furthermore, improvement in the efficiency of traffic and safety measures on the current roads, integration of the roads network in the country, will help in improving the agricultural activities and social services, reduce travel time and operation costs, which will lead to reduction in travel and transportation costs as well as maintenance costs for the current road section.

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1.2. Project Description and Objective

The Mangochi-Makanjira(S129) road is a Secondary Road, S129 on the South East of Lake Malawi, which is approximately 131km long. The road traverses through the Lakeshore Plain,

which is bordered by the Rift Valley Scarp Zone on the immediate east and the Eastern Plateau further to the East on the boundary with Mozambique. Due to this topographic layout, the road crosses numerous streams and rivers that are tributaries to Lake Malawi. The notable rivers crossed are Lusalumwe, Namaunya, Nkuli, Mbasi, Lungwena, Mbwasi, Lutende, Unga, Lugola, and Luwesya.

The project shall be performed in three phases. The first two phases are lump sum assignments based on deliverables, and the final phase is a time-based assignment.

2. OBJECTIVE AND SCOPE OF THE ASSIGNMENT

2.1. The Objective of this Assignment

The aim of the assignment is to support the PMU with the implementation of infrastructure projects through effective contract management of the project components.

2.2. Scope of the Assignment

The Road Engineering Specialist, shall, inter alia, undertake the following tasks:

- a. Lead the preparation of Terms of References for the design and supervision of infrastructure sub-projects including Specifications, Bidding documents for engagement of supervising consultants and implementing contractors;
- b. Support the PMU in the oversight and guidance of (engineering) consultants, Supervision and management of consultants and contractors, providing written review and comments on the quality of outputs;
- c. Provide engineering technical inputs to studies including consultations and data collection, manage and verify the production of AS-Built documents and drawings for all project infrastructure;
- d. Closely work with the PMU Procurement Specialist to support the procurement of Consultants and Contractors and assist in evaluation of bids for consultancy, works and goods packages;
- e. Attend site visits and site meetings to verify firsthand, the status of sub-project activities, monitor implementation (both technical and ESHS compliance), flag any concerns and follow up with responsible implementing agencies and other meetings where technical advice/inputs are required, after 'and site meetings;
- f. Assistance in contract management issues and review of deliverables and reports from consultants, contractors and other service providers under the project, lead overall quality control of infrastructure works (budget, schedule, plans, personnel's performance), documentation and reporting regularly on project status including warning of risks to project delivery, preparation of technical and contract management sections and inputs to the monthly, quarterly and other progress reports to be submitted by the PMU Project Manager to the authorities and the Financiers
- g. Lead in the review of engineering deliverables and initiate appropriate corrective actions;
- h. Join the PMU team during the Bank implementation support missions, contribute to updating of the status between successive missions on key technical areas;

- i. Supervision of construction works, including ensuring adherence to specifications, quality and time, Review of payment certificates, Preparation and review of Variation Orders as needed, Review infrastructure projects' invoices and facilitate their payments; and
- j. Assist the PMU with any other duty when solicited by the Project Coordinator;
- k. Closely work with the PMU Environmental and Social Specialists with respect to ensuring that the project complies with all OPEC Fund for International Development (OPEC Fund) environmental and social framework requirements ;
- l. Closely work with the PMU Environmental and Social Specialists and OHS and Gender Based Violence specialists with respect to preparation of the E&S Scoping report, ESIA, ESMP and other Environmental and Social risk assessment documents, Design reviews, stakeholder engagement, land acquisition and development permission;
- m. Assist in preparation of Completion Report including evaluation of performance of the consultant, contractor, as well as other stakeholder, provide insight on the performance from time and budget perspective, lessons learnt , and contribute to identification of project results (traffic increase, and identification of socio-economic benefits etc.).

2.3. Reporting arrangements

The Road Engineering Specialist will report to the Project Coordinator for all technical and administrative operations and will work in close collaboration with all other specialists under the project, who will include Social Safeguards Specialist, Environmental Safeguards Specialist and OHS Specialist.

2.4. Skills and expertise

The candidate should meet the following minimum qualifications:

- a) Master's Degree in Civil Engineering. The infrastructure engineer should be a registered professional engineer and registered with a body recognised in Malawi. A minimum of 10 years of demonstrable project experience in planning, designing and managing transport infrastructure projects, with demonstrable experience in managing road construction works of highway standards in low lying areas prone to flooding ;
- b) Experience with working on OPEC Fund for International Development (OPEC Fund) financed projects or similar (other MDB, bilateral donors) with particularly exposure to safeguards considerations including stakeholder consultations in support of engineering decision-making;
- c) Experience in contract management of transport infrastructure projects;
- d) Demonstrated ability to address technical issues relating to road construction works;
- e) Experience with technical and Environmental, Social, Health and Safety compliance monitoring of infrastructure projects in line with World Bank standards and Good International Industry Practice;
- f) Demonstrable time management and organization skills;
- g) Excellent knowledge and skills in design and visualization software such as AutoCAD. Knowledge of highway design and GIS software will be an added advantage;

- h) Ability in working with multi-discipline team in project set up;
- i) Fluency in spoken and written English with ability to interface with various stakeholders including grass roots and sector players.

2.5. Key result areas

- a) Terms of References for consultancy services for the design and supervision of infrastructure sub-projects,
- b) Project deliverable review schedule in line with the deliverable schedule,
- c) Monthly reports on service and works contract(s)' technical and financial progress,
- d) Minutes of bi-weekly meetings on project progress updates between the consultant and the implementing agency,
- e) Site visit reports as and when required.

3. LOCATION OF EMPLOYMENT

The Road Engineering Specialist will be based at the PMU Office in Lilongwe but would be required to travel regularly to other relevant field offices where the Project is implementing its activities.

4. DURATION OF ASSIGNMENT

The assignment is for a period of 5 years with initial duration of 12 months, contract eligible for review and renewal annually. The recruitment will be on an individual consultancy basis. The contract extension will be for successive periods of twenty-four (24) months period and will be subject to the satisfactory performance of the contracted candidate. The selected candidate will sign an employment contract, subject to a probationary period of three months.

5. REMUNERATION

A competitive salary package will be negotiated based on qualifications, knowledge and experience and in line with salaries for National Professional Project Personnel for Malawi donor Funded Projects. It will also be inclusive of consultant's costs (fees, medical fees, mobile phones and units, transport, pension and gratuity, etc).

6. FACILITIES TO BE PROVIDED BY THE CLIENT

The Employer will provide office space, furniture, office equipment, communication, and internet facilities. For all field related assignments, the Project shall provide transport and costs and other expenses (per Diems etc.) related to the fieldwork.