

## TERMS OF REFERENCE

<b>Contract</b>			
<b>Project</b>			
<b>Competence</b>	Road Engineer		
<b>Source</b>	National	<b>Category</b>	Independent individual consultant
<b>Scope of work:</b>			
<ul style="list-style-type: none"><li>- Road Engineer shall draft a detailed schedule for the assigned tasks, review and have it approved by the Minister or supervising Deputy Minister with their signature within 20 days from the project extension date; the schedule may be adjusted as instructed by the supervising Head of Department and the Deputy Minister;</li></ul>			
<b>Directly performs the following works with the expert team:</b>			
<ul style="list-style-type: none"><li>- analyze the normative legal acts and other acts in the road sector, developed by the MOTC KR, for compliance with the law and international treaties that have entered into force in the manner prescribed by law, to which the Kyrgyz Republic is a party;</li><li>- conducting an audit and review of standards, GOSTs applied in the territory of the Kyrgyz Republic for compliance with real conditions and, if necessary, make proposals for updating SNIPs;</li><li>- development and updating of SNIPs in agreement with KDTP (Design Institute) and MOTC KR;</li><li>- conducting a comparative analysis of national legislation and technical safety requirements with international road safety requirements;</li><li>- development and implementation of rules and procedures for conducting safety audits for roads;</li><li>- proposals to ensure that road safety audits are carried out on an intermittent basis;</li><li>- development of a Strategic Plan for the introduction of toll roads in the Kyrgyz Republic;</li><li>- development of Guidelines for the construction and placement of toll booths and the Rules for collecting tolls on toll roads;</li><li>- development of terms of reference for the construction and placement of toll booths;</li><li>- surveys and traffic forecasts for at least 10 years along the main transport corridors passing through the territory of the Kyrgyz Republic (Bishkek-Kuntuu-Belogorka-Suusamyr);</li><li>- as necessary, together with the expert team, prepares recommendations for improving the effectiveness of cooperation between the Road Maintenance Department, SE "Kyrgyzavtozhoh" and Road Fund.</li><li>- preparation of recommendations for the further development of SE "Kyrgyzavtozhoh" and Road Fund.</li><li>- fulfillment of other instructions related to engineering and technical issues;</li></ul>			
<b>FS for toll road implementation:</b>			
<ul style="list-style-type: none"><li>- jointly with the quantity engineer, prepares technical solutions for making the road a toll road, taking into account the road safety requirements;</li><li>- jointly with the quantity engineer prepares technical solutions for arranging a toll road;</li><li>- prepares indicative engineering calculations for the organization of toll traffic, including the construction and installation of the necessary equipment;</li><li>- together with the expert team, prepares estimates of the total annual amount of tolls from the toll road;</li><li>- jointly with the expert team, prepares an economic Return-on-Investment analysis for the toll road using the HDM program;</li><li>- other tasks as may be instructed by the Team Leader for successful FS preparation.</li></ul>			

**Outputs:**

- development of a Strategic Plan for the introduction of toll roads in the Kyrgyz Republic.
- development of methodological recommendations for the construction and placement of toll booths.
- development of the Rules for collecting tolls on toll roads.
- development of technical specifications for the construction and placement of toll booths.
- assistance in supporting the relevant draft NLAs;

**Reporting requirements:**

**Initial report** - a schedule and sequence of works shall be provided after 20 days, with a clearly indicated planned timing for the development of NLA (progress report shall be provided on a monthly basis);

**Monthly progress reports** shall be submitted to the Team Leader.

**Completion report** - complete information on the tasks performed and the results achieved with recommendations for further activities in relation to the adopted documents.

<b>Place of the assignment</b>	<b>Days/months</b>	<b>Dates</b>
The main location for service delivery is the ADB PIU Office at MOTC KR with periodic visits to construction sites as needed.	9 months	Services are scheduled to start on _____, 2023, subject to ADB approval. The contract is valid until _____, 2024.
Contract period (specify if intermittent)	intermittent	-

**Qualification requirements:**

- *Higher education in the field of roads;*
- *At least 5 years of experience in the road sector and in projects financed by international financial institutions for at least 2 years is an advantage;*
- *Knowledge of the state and official languages at a level sufficient to complete the assignment;*
- *At least 2 years of experience in the development of normative legal acts;*
- *Knowledge of the regulatory framework in the field of the road sector;*
- *Interpersonal communication skills and teamwork skills;*
- *Having relevant certificates is an advantage.*