

## Terms of Reference

<b>Contract</b>	Loan 3432/Grant 0496 CAREC Corridors 1 and 3 Connector Road Project		
<b>Project</b>			
<b>Competence</b>	Team leader		
<b>Source</b>	Local	<b>Category</b>	Independent individual consultant (IC)
<b>Objective:</b>			
Ensuring effective and efficient functioning of the Individual Consultants Team aimed at assisting in the road sector reformation.			
<b>Scope of work:</b>			
<ul style="list-style-type: none"> <li>- Preparation of a general work schedule of the Team, broken down by each expert, and ensuring it`s approval by the signature of the Minister or the supervising Deputy Minister, within 3 weeks from the beginning of the assignment;</li> <li>- for purposes of proper and harmonized development of draft normative legal acts (NLA), holding general meetings with the Team whenever required, but not less than once a week, inviting relevant specialists from the KR MOTR Central Office as needed;</li> <li>- preparing monthly progress reports of the Team for submission to the Minister and the supervising Deputy Minister;</li> </ul>			
<b>- Specific tasks:</b>			
<ul style="list-style-type: none"> <li>- in cooperation with the Finance and economics expert, carrying out a comprehensive itemized analysis of the Strategy Action Plan implementation, specifying the measures taken for implementation and the causes of failure to implement;</li> <li>- elaboration of recommendations for further implementation of the Strategy in cooperation with the Finance and economics expert;</li> <li>- making necessary agreed amendments and additions to the Strategy in cooperation with the Finance and economics expert;</li> <li>- updating the Strategy Action Plan in cooperation with the Finance and economics expert;</li> <li>- organization of round table-meetings in cooperation with the Lawyer to coordinate amendments and additions to the Strategy;</li> <li>- in cooperation with the Road engineer, Finance and economics expert, analyze PBM application effectiveness under the pilot project on the Bishkek-Osh road section, and identify a section for PBM for next years;</li> <li>- assistance in promoting the PPP project “Introduction of toll collection information system” by supporting legal and technical aspects;</li> <li>- Assistance in implementing the project “Alternative Tunnel on the Bishkek-Osh Road”;</li> <li>- assistance in preparation and implementation of PPP projects;</li> <li>- other activities aimed at successful completion of works.</li> </ul>			
<b>Outputs:</b>			
<ul style="list-style-type: none"> <li>- work schedules for the main areas of the Team`s activities;</li> <li>- completed itemized analysis of the Strategy Action Plan implementation with indication of measures taken for implementation and causes of failure to implement;</li> <li>- complete recommendations for further implementation of the Strategy;</li> <li>- developed draft NLA to amend and supplement the Strategy;</li> <li>- developed draft NLA on introducing compulsory application of the Road Asset Management System (RAMS) when planning road works;</li> <li>- complete analysis of PBM application effectiveness in the pilot project under the CAREC Corridor 3 Improvement Project, Bishkek-Osh road, Phase 4;</li> <li>- assistance in supporting relevant draft NLAs.</li> </ul>			
<b>Main deliverables</b> of the Team: developed relevant draft NLAs.			
<b>Reporting requirements:</b>			

**Initial report** - a schedule and sequence of works shall be provided after 3 weeks, with clearly indicated planned timing for NLAs development; (information on the progress shall be provided on a monthly basis);  
 Monthly progress reports shall be submitted to the supervising Deputy Minister (or the Minister).  
**Completion report** - complete information on the tasks accomplished and achievements with recommendations on further activities with regard to the developed and adopted documents.

<b>Place of the assignment:</b>	<b>Days/months</b>	<b>Dates</b>
Principal place of services is the ADB IPIG office at the Ministry of Transport and Roads of the Kyrgyz Republic with intermittent visits to the relevant government agencies, if necessary.	12 months	Commencement of Services is scheduled to October 1, 2020, subject to ADB approval. The contract is effective till December 31, 2021.
Period of the Contract effectiveness (Indicate if intermittent)	- intermittent	-

#### **Qualification requirements:**

At least 10 years of experience in managerial positions in the road sector, including at least 5 years in MOTR KR. At least 5 years of experience in projects financed by international financial institutions. Knowledge of the state and official languages at the level sufficient to fulfill the assignment. At least 5 years of experience in developing normative legal acts. Knowledge of road sector management and financing system.

## Terms of Reference

<b>Contract</b>	Loan 3432/Grant 0496 CAREC Corridors 1 and 3 Connector Road Project		
<b>Project</b>			
<b>Competence</b>	Quantity Engineer		
<b>Source</b>	Local	<b>Category</b>	Independent individual consultant (IC)
<p><b>Scope of work:</b></p> <ul style="list-style-type: none"> <li>- ensuring coordination and approval of the detailed schedule of works by the Minister and the supervising Deputy Minister within 3 weeks from the beginning of the assignment; the schedule may be adjusted as instructed by the Team Leader;</li> </ul> <p><b>- Specific tasks:</b></p> <ul style="list-style-type: none"> <li>- in cooperation with the Lawyer (and jointly with RAMS Consultant under the CAREC Corridors 1 and 3 Connector Road Project), making agreed amendments and additions on compulsory use of RAMS to the Provisions “On planning and execution of motor roads and road structures repair and maintenance in the Kyrgyz Republic”, approved by the order of the Ministry of transport and roads of the Kyrgyz Republic No. 162 dated May 2, 2017;</li> <li>- in cooperation with the Lawyer, making agreed amendments to the law of the Kyrgyz Republic “On highways” related to compulsory use of RAMS when planning routine repair and maintenance of roads;</li> <li>- in cooperation with the Lawyer, elaboration of a proposal for making amendments to a number of technical documents on splitting large lots subjected to a tender, in smaller lots.</li> <li>- in cooperation with the Lawyer, introducing of the following in project management governing documents: - contractors` obligations to inform about the lack of wage arrears and debts to sub-contractors upon project completion; - Employer`s rights to request this information, including from the Construction Contractors Association (hereafter – Association), prior to signing a Performance Security; - ban on the export of any equipment and the issuance of a Performance Security without consulting the Association; - obligation to provide (when submitting a project application) appropriate certificates of specialists hired through an employment order or an employment contract;</li> <li>- in cooperation with the Lawyer, introducing a requirement for mandatory departmental inspection of periodic repair with involvement of the Associations and the MOTR Public Council;</li> <li>- in cooperation with the Team Leader and the Finance and economics expert, preparation of an analysis of PBM application effectiveness in the pilot project on the Bishkek-Osh road section under the CAREC Corridor 3 Improvement Project, Phase 4, identifying sections for PBM with the use of RAMS for next years;</li> <li>- in cooperation with the Finance and economics expert, preparation of engineering calculations using approved financing standards to justify the roads repair and maintenance financing needs ;</li> <li>- support in technical aspects and engineering calculations in assisting promotion of the PPP project “Introduction of toll collection information system”;</li> <li>- assistance in engineering calculations in course of PPP projects preparation and implementation.</li> </ul> <p><b>Outputs:</b></p> <ul style="list-style-type: none"> <li>- draft normative legal act on introduction of compulsory use of RAMS in planning, programming, budgeting, and distribution of financing for road maintenance works, approved by the Government of the Kyrgyz Republic;</li> <li>- complete analysis of PBM application effectiveness in the pilot project on the Bishkek-Osh road section under the CAREC Corridor 3 Improvement Project, Phase 4;</li> <li>- complete engineering calculations of funds required for roads repair and maintenance;</li> <li>- approved technical documentation on the rules for splitting large road sections into lots;</li> <li>- approved amendments to the Classification of works on public roads repair and maintenance approved by the MOTR Order No. 13 dated January 29, 2010.</li> </ul> <p><b>Reporting requirements:</b></p>			

**Initial report** - a schedule and sequence of works shall be provided after 3 weeks, with a clearly indicated planned timing for NLAs development; (information on the progress shall be provided on a monthly basis);

Monthly progress reports shall be submitted to the Team Leader.

Completion report - complete information on the tasks accomplished and achievements with recommendations for further activities with regard to the adopted documents.

<b>Place of the assignment:</b>	<b>Days/months</b>	<b>Dates</b>
Principal place of services is the ADB IPIG office at the Ministry of Transport and Roads of the Kyrgyz Republic with intermittent visits to the relevant government agencies, if necessary.	10 months	Commencement of Services is scheduled to October 1, 2020, subject to ADB approval . The contract is effective till December 31, 2021.
Period of the Contract effectiveness (Indicate if intermittent)	- intermittent	-

**Qualification requirement:**

Higher education in the field of road construction. At least 5 years of experience in the road sector, including at least 3 years of experience as a quantity engineer. Knowledge of the state and official languages at a level sufficient to perform the assignment. Knowledge of the road sector financing system, PBM contracts, and engineering estimates. Availability of a certificate of a quantity engineer. Interpersonal communication and teamwork skills. Experience in projects financed by international financial institutions is an advantage.

## Terms of Reference

<b>Contract</b>	<b>Loan 3432/Grant 0496 CAREC Corridors 1 and 3 Connector Road Project</b>		
<b>Project</b>			
<b>Competence</b>	Finance and economics expert		
<b>Source</b>	Local	<b>Category</b>	Independent individual consultant (IC)
<p><b>Scope of work:</b></p> <ul style="list-style-type: none"> <li>- coordination of the detailed schedule of works and ensuring it`s approval by the Minister and the supervising Deputy Minister within 3 weeks from the beginning of the assignment; the schedule may be adjusted as instructed by the Team Leader;</li> <li>- <b>Specific tasks:</b> <ul style="list-style-type: none"> <li>- preparation jointly with TL a detailed road sector financing analysis over the past 8 years (2013-2019), and a justification for increasing the sector financing;</li> <li>- economic justification of calculations for the proposed Road Fund financing sources;</li> <li>- jointly with TL and Road engineer, preparation of an analysis of the PBM application effectiveness in the pilot project on the Bishkek-Osh road section under the CAREC Corridor 3 Improvement Project, Phase 4, identifying sections suitable for PBM with the use of RAMS for next years;</li> <li>- economic justification of calculations for the proposed Road Fund financing sources;</li> <li>- updating the Analysis of the regulatory impact of the draft law aimed at increasing the excise tax on fuel and lubricants;</li> <li>- assistance in supporting a normative act on establishing a Road Fund;</li> <li>- assistance in promoting a normative act on increasing the excise tax rate;</li> <li>- jointly with the Quantity engineer, preparation of engineering calculations using approved financing standards to justify the roads repair and maintenance financing needs;</li> <li>- support in economic aspects in assisting promotion of the PPP project “Introduction of toll collection information system”;</li> <li>- assistance in PPP projects preparation and implementation.</li> </ul> </li> </ul> <p><b>Outputs:</b></p> <ul style="list-style-type: none"> <li>- completed itemized analysis of the Strategy Action Plan implementation with indication of measures taken for implementation and causes of failure to implement;</li> <li>- complete calculations on the economic justification of calculations for the proposed sources of the Road Fund financing;</li> <li>- elaborated recommendations for further implementation of the Strategy;</li> <li>- developed draft NLA to amend and supplement the Strategy;</li> <li>- complete analysis of PBM application effectiveness in the pilot project on the Bishkek-Osh road section under the CAREC Corridor 3 Improvement Project, Phase 4;</li> <li>- updated Analysis of road sector financing for 2014-2019;</li> <li>- updated Analysis of the regulatory impact on the increased fuel and lubricants excise tax.</li> </ul> <p><b>Reporting requirements:</b></p> <p><b>Initial report</b> - a schedule and sequence of works shall be provided after 3 weeks, with clearly indicated planned timing for NLAs development; (information on the progress shall be provided on a monthly basis);</p> <p>Monthly progress reports shall be submitted to the Team Leader.</p> <p>Completion report - complete information on the tasks accomplished and achievements with recommendations for further activities regarding the adopted documents.</p>			
<b>Place of the assignment:</b>	<b>Days/months</b>		<b>Dates</b>
Principal place of services is the ADB IPIG office at the Ministry of Transport and Roads of the Kyrgyz Republic with intermittent	11 months		Commencement of Services is scheduled to October 1, 2020, subject to ADB approval. The contract is effective till December 31, 2021.

visits to the relevant government agencies, if necessary.		
Period of the Contract effectiveness (Indicate if intermittent)	- intermittent	-

**Qualification requirement:**

Higher education in finance and/or economics. At least 10 years of experience as a financier and/or economist. At least 5 years of experience in projects financed by international financial institutions. Knowledge of the state and official languages at a level sufficient for the assignment. At least 3 years of experience in drafting normative and legal acts. Knowledge of the state budget formation and distribution system. Interpersonal communication and teamwork skills.

## Terms of Reference

<b>Contract</b>	Loan 3432/Grant 0496 CAREC Corridors 1 and 3 Connector Road Project		
<b>Project</b>			
<b>Competence</b>	Lawyer		
<b>Source</b>	Local	<b>Category</b>	Independent individual consultant (IC)
<p><b>Scope of work:</b></p> <ul style="list-style-type: none"> <li>- ensuring coordination and approval of the detailed schedule of works by the Minister and supervising Deputy Minister within 3 weeks from the beginning of the assignment; the schedule may be adjusted as instructed by the Team Leader;</li> </ul> <p><b>- Specific tasks:</b></p> <ul style="list-style-type: none"> <li>- introduction to the Regulation on public investment management No. 232 dated May 28, 2019, approved by the Resolution of the Government of the Kyrgyz Republic, of the norm on involving representatives of the Road Construction Companies Association (hereinafter – Association) in the preparation of the project application;</li> <li>- in cooperation with the Quantity engineer (and jointly with RAMS Consultant under the CAREC Corridors 1 and 3 Connector Road Project), making agreed amendments and additions on compulsory use of RAMS to the Provisions “On planning and execution of motor roads and road structures repair and maintenance in the Kyrgyz Republic”, approved by the order of the Ministry of transport and roads of the Kyrgyz Republic No. 162 dated May 2, 2017;</li> <li>- in cooperation with the Quantity engineer, making agreed amendments to the law of the Kyrgyz Republic “On highways” related to the mandatory use of information systems when planning routine repair and maintenance of roads;</li> <li>- in cooperation with the Quantity engineer, introducing a requirement for mandatory departmental inspection of periodic repair with involvement of the Association and the MOTR Public Council;</li> <li>- introducing amendments to the Regulation on licensing of certain types of activities No. 260 dated May 31, 2001 approved by the Government of the Kyrgyz Republic, related to the license revocation in the absence of activity over the last 3 years;</li> <li>- introducing amendments to the Regulation on the procedure for state qualification certification of construction industry specialists, approved by the Kyrgyz Republic Government Resolution No. 188 dated April 3, 1997;</li> <li>- support in legal aspects in assisting promotion of the PPP project “Introduction of toll collection information system”;</li> <li>- preliminary legal analysis in the road transport domain.</li> </ul> <p><b>Outputs:</b></p> <ul style="list-style-type: none"> <li>- legal analysis of all draft NLAs developed;</li> <li>- developed draft NLA on introduction of compulsory use of the Road Asset Management System (RAMS) in road works planning;</li> <li>- developed draft amendments to the law of the Kyrgyz Republic “On highways” on mandatory use of information systems in planning routine repair and maintenance of roads;</li> <li>- assistance in supporting relevant draft regulations;</li> <li>- developed draft NLA on amendments to the KR Government Resolution No. 232 dated May 28, 2019;</li> <li>- draft NLA on amendments to the Classification of works on public roads repair and maintenance, approved by order of the Ministry of transport and communications of the Kyrgyz Republic No. 13 dated January 29, 2010;</li> <li>- developed draft NLA on amendments to the Regulation on licensing of certain types of activities, approved by KR Government Resolution No. 260 dated May 31, 2001;</li> <li>- developed draft NLA on amendments to the KR Government Resolution No. 188 dated April 3, 1997;</li> <li>- approved instructions on the procedure for selecting MOTR IPIGs consultants.</li> </ul> <p><b>Reporting requirements:</b></p>			

**Initial report** - a schedule and sequence of works shall be provided after 3 weeks, with a clearly indicated planned timing for NLAs development; (information on the progress shall be provided on a monthly basis);

Monthly progress reports shall be submitted to the Team Leader.

Completion report - complete information on the tasks accomplished and achievements with recommendations for further activities with regard to the adopted documents.

<b>Place of the assignment:</b>	<b>Days/months</b>	<b>Dates</b>
Principal place of services is the ADB IPIG office at the Ministry of Transport and Roads of the Kyrgyz Republic with intermittent visits to the relevant government agencies, if necessary.	11 months	Commencement of Services is scheduled to October 1, 2020, subject to ADB approval. The contract is effective till December 31, 2021.
Period of the Contract effectiveness (Indicate if intermittent)	- intermittent	-

**Qualification requirement:**

Higher education in law or jurisprudence. At least 10 years of experience in this field. At least 5 years of experience in projects financed by international financial institutions. Knowledge of the state and official languages at a level sufficient for the assignment. At least 5 years of experience in developing normative legal acts, including in road sector and other transport sub-sectors. Knowledge of legislation in the road sector. Interpersonal communication and teamwork skills.



### Terms of Reference

<b>Contract</b>	Loan 3432/Grant 0496 CAREC Corridors 1 and 3 Connector Road Project		
<b>Project</b>			
<b>Competence</b>	Road transport expert		
<b>Source</b>	Local	<b>Category</b>	Independent individual consultant (IC)
<p><b>Scope of work:</b></p> <ul style="list-style-type: none"> <li>- coordination of the detailed schedule of works and ensuring it`s approval by the Minister and the supervising Deputy Minister within 3 weeks from the beginning of the assignment; the schedule may be adjusted as instructed by the Team Leader;</li> </ul> <p><b>- Specific tasks:</b></p> <ul style="list-style-type: none"> <li>- finalization of the Rules for the use of tachographs and electronic cards installed on vehicles, supporting until approval, in cooperation with the Lawyer;</li> <li>- finalization of the Procedure for inspection control, supporting until approval, in cooperation with the Lawyer;</li> <li>- finalization of the Procedure for preparing and issuing electronic cards (driver`s card, inspector`s card, carrier`s card, service card), supporting until approval, in cooperation with the Lawyer, ;</li> <li>- finalization of the Procedure for equipping vehicles with technical means for monitoring the mode of movement, work, and rest (tachographs), supporting until approval, in cooperation with the Lawyer,;</li> <li>- finalization of the Regulation on motor transport enterprises in cooperation with the Lawyer,;</li> <li>- development of a Regulation on installation of bus location detectors and movement recorders, as well as development of a database to store information from these devices.</li> <li>- development of a Regulation (or requirement) on international transport of goods by road, professional competence of international road carriers, and issuance of permit forms.</li> </ul> <p><b>Output:</b></p> <ul style="list-style-type: none"> <li>- complete analysis of the regulatory framework of the road transport industry;</li> <li>- approved Rules for the use of tachographs and electronic cards installed on vehicles;</li> <li>- approved Procedure for inspection control;</li> <li>- approved Procedure for preparing and issuing electronic cards (driver`s card, inspector`s card, carrier company`s card, service card);</li> <li>- approved Procedure for equipping vehicles with technical means for monitoring the mode of movement, work, and rest (tachographs);</li> <li>- approved Regulation on installation of buses location detectors and movement recorders, developed database to store information from these devices.</li> <li>- approved Regulation (or requirement) on international goods transport by road, professional competence of international road carriers, and issuance of permit forms.</li> </ul> <p><b>Reporting requirements:</b></p> <p><b>Initial report</b> - a schedule and sequence of works shall be provided after 3 weeks, with clearly indicated planned timing for NLAs development; (information on the progress shall be provided on a monthly basis);  Monthly progress reports shall be submitted to the Team Leader.  <b>Completion report</b> - complete information on the work done and achievements with recommendations for further activities regarding the adopted documents.</p>			
<b>Place of the assignment:</b>	<b>Days/months</b>		<b>Dates</b>

Principal place of services is the ADB IPIG office at the Ministry of Transport and Roads of the Kyrgyz Republic with intermittent visits to the relevant government agencies, if necessary.	9 months	Commencement of Services is scheduled to October 1, 2020, subject to ADB approval. The contract is effective till December 31, 2021.
Period of the Contract effectiveness (Indicate if intermittent)	- intermittent	-

**Qualification requirement:**

Higher education in the field of motor transport. At least 5 years of experience in transport and at least 2 years in projects financed by international financial institutions (is an advantage). Knowledge of the state and official languages at a level sufficient to fulfill the assignment. Experience in developing normative legal acts (at least 2 years). Knowledge of legal and regulatory framework in the field of transport. Interpersonal communication and teamwork skills.