

## Terms of Reference

<b>Contract</b>			
<b>Project</b>	CAREC Corridors 1 and 3 Connector Road Project		
<b>Position</b>	Road Construction and Safety Engineer		
<b>Source</b>	Local	<b>Category</b>	Independent individual consultant

### **Objective/Purpose of the Task:**

The main objective is to supervise civil works contractors' performance, consistency with technical specifications during the implementation of ADB-funded investment projects, and provide assistance to the Investment Projects Implementation Group (IPIG) and MOTR KR in developing and implementing different projects/components with regards to road safety in accordance with recognized international road safety guidelines and practices, ADB safeguards policy requirements and technical requirements of national standards.

### **Placed under the responsibility of:**

IPIG Director and ADB IPIG Coordinator

### **Scope of work:**

1. Regular monitoring of consultants`, contractors` and subcontractors` progress and quality of works and obligations under the ongoing projects, as well as the scope of works executed, coordination and confirmation of works performed in interim and final certificates;
2. Monitoring of field laboratories, as well as procedures for testing materials and components used in the construction;
3. Monitoring of compliance of all construction participants with traffic safety, occupational health and safety requirements on the main and secondary sites in accordance with respective contract, ADB safeguards policy and applicable laws;
4. Preparation and provision of necessary technical information, including that on ensuring road safety, all within the IPIG competence, upon the request of related departments of the Ministry of Transport and Roads of the Kyrgyz Republic, other organizations, ministries, and agencies of the Kyrgyz Republic;
5. Preparation of materials for amendments to designs, information on execution of contracts by participants of investment activities under ongoing projects, and supervision of execution of decisions taken, within the IPIG competence;
6. Preparation of materials for consideration and coordination of changes of design decisions arising during construction, prompt solution of issues on replacement of materials, products, structures (without affecting the construction quality) if necessary, contributing to the elimination of causes for delays and deterioration of construction quality, taking preventing measures.
7. Verification of working drawings on road safety against recognized international road safety principles, ADB safeguards policy, and technical requirements of national standards, as well as recommendations resulted from a road safety audit. Coordination of road furniture designs, and road signs and fencing location schemes with the designer and state road safety authorities, and making proposals for amendments;
8. Maintenance of necessary documentation for executed works during the construction phase of the projects;
9. Monitoring of technical acceptance of completed construction and installation works and facilities, execution of necessary technical documentation, and assistance in preparation of necessary data for preparation of reports on fulfillment of contract obligations by engineers and contractors;
10. Monitoring of defects and deficiencies remedy by contractors within the terms specified in the contract;
11. Contributing regularly to the review of and providing inputs for monthly and quarterly progress reports, as well as project completion reports;
12. Monitoring the availability and quality of results to ensure that payment conditions are met before payment begins;
13. Assist the IPIG Procurement sector in preparing and developing technical and engineering documents, as well as in preparing public hearings and meetings on road safety issues;
14. Performing the duties of a mediator and a coordinator in working with the IPIG engineering and procurement sectors in their joint activities;
15. Participation in preparation of monthly, quarterly, and annual narrative reports related to the project implementation.
16. Facilitating the road safety activities of IPIG and MOTR KR, strengthening the existing partnership and public participation and involvement in road safety issues, and providing

- recommendations to the MOTR to improve project implementation;
17. Overseeing and providing support to organizing road safety campaigns;
  18. Coordinating on safety auditing during design and implementation stages;
  19. Reviewing, monitoring and reporting on the implementation of the road safety auditors' recommendations;
  20. Reviewing the contractors traffic safety plans and implementations of such plans at the construction sites;
  21. Providing inputs into monthly and quarterly reports of each project on the status of road safety as a reporting requirements;
  22. Develops, coordinates and participates in the implementation of road safety components in accordance with the national legislation and ADB requirements, and ensures interaction with all representatives of the local community (including government agencies, police, bus and taxi services, educational institutions, health care, local regional and national stakeholders, community groups, legal entities and individuals, and civil society organizations);
  23. Assists in the preparation, validation, updating, implementation and monitoring of the Road Safety Strategy;
  24. Supervising the activities of contractors and road safety consultants. Monitoring and participation in the development and implementation of road safety measures, including road safety audits of projects. Preparation of materials for amendments to designs (road safety);
  25. Execution of other work assignments by the ADB IPIG Director and Coordinator related to the nature of this TOR.

**Background and experience:**

- Higher education in field of road construction;
- Total experience (at least 5 years) as a road construction engineer;
- Experience in international organizations (shall be an advantage), in road construction and rehabilitation projects, as road engineer and/or specialist;
- Knowledge of FIDIC, basic requirements of the Kyrgyz Republic legislation regulating road construction works and ensuring labor and traffic safety, availability of a certificate/license for road construction supervision;
- General understanding of road safety and traffic management principles and applications
- Demonstrated practical experience in road safety engineering, or road safety education and awareness campaigns is required;
- Demonstrated experience in the preparation, implementation and evaluation of road safety strategies and action plans is preferred;
- Good knowledge of English and fluency in Russian and Kyrgyz;
- Good computer skills, knowledge of all Microsoft Office applications.

Place of performance of work:	Days/months	Date
The main place of performance of services is the office of the IPIG in the Ministry of Transport and Roads of the Kyrgyz Republic with periodic visits to construction sites, if necessary.	10 months	The services are scheduled to begin on _____, 2019 subject to the approval of ADB. The contract is valid until _____, 2020.