

## Ministry of Transport and Communications of the Kyrgyz Republic

Third phase of the Central Asia Regional Links Project, financed by World Bank

### Road Engineer

### TERMS of REFERENCE

#### Background

1. The Central Asia Road Links (CARs) program is the result of a collaborative effort initiated by client governments in the Central Asia region and is financed by the International Development Association (IDA). The overall objective of the program is to increase cross-border connectivity and enhance regional integrated development to revitalize historically active economic exchanges in Central Asia and beyond along the Silk Route. In an effort to bring transformational impact in the region, the program's projects builds synergies with other regional initiatives by multilateral or bilateral development partners such as the Central Asia Regional Economic Cooperation (CAREC) program, the EEU, the Belt and Road initiative, as well as others.

The objectives of the First Phase of the program (CARs-1), which was implemented in Kyrgyz Republic and completed in 2019, was to increase transport connectivity between Kyrgyz Republic and Tajikistan along priority cross-border road links in Batken Oblast whilst supporting improvements in road operations and maintenance practices. The road sections to be financed under CARs-1 prioritize connectivity between the Osh and Batken Oblast in the Kyrgyz Republic and Sugd Oblast in Tajikistan as they build lateral spurs from the Osh-Isfana axis to the Tajik border.

2. Third Phase (CARs-3) strives to address regional integration in a more comprehensive approach encompassing both physical and economic connectivity among neighboring countries, also unlocking economic opportunities through promoting local integrated development in a spatially identified area. It was declared effective by IDA on January 30, 2020 and the objective is to increase regional connectivity and support sustainable tourism development in Issyk-Kul Oblast.. It will finance activities related to removing physical bottlenecks with neighboring countries, in particular the Republic of Kazakhstan, and addressing sector specific constraints to create market opportunities for the development of regional trade (agriculture) and tourism in Issyk-Kul Oblast. It shall be implemented by the WB PIU under following parts, (a) Regional Connections, Associated Facilities and Equipment in Issyk-Kul Oblast; (b) Aviation Safety and Service Provision, and (c) Sustainable Tourism development in Issyk-Kul Oblast.

The Ministry of Transport and Communications (MOTC) of the Kyrgyz Republic as the Implementing Agency has established Projects Implementation Group (PIU) which is responsible for the day-to-day administration of project activities for the Central Asia Road Links Program (CARs Program) financed by the World Bank. The WB PIU's responsibility include, *inter alia*: (i) the management of designated accounts; (ii) financial management and reporting on the overall project; (iii) ensuring the execution of the audit of the project; (iv) preparation of quarterly financial and bi-annual progress reports; (v) the management of the environmental and social safeguards aspects; and (vi) undertaking all procurement and contract management activities for all components.

The Implementing Agency requires a **Road Engineer** to take necessary actions in implementation of the Central Asia Regional Links Program (CARs Program) financed by the World Bank. The WB PIU was established based on the order #182 (dd. May 23, 2017) of the Ministry of Transport and Communications of the Kyrgyz Republic.

## **Objective of the assignment**

The key objective of the assignment is to hire individual consultant services to provide technical and quality assurance expertise to ensure appropriate functioning and work of WB PIU in implementing all activities related to the Central Asia Regional Links Program (CARs-3) financed by the World Bank (and any associated Trust Funded studies) with the Ministry of Transport and Communications (MOTC) of the Kyrgyz Republic.

## **Scope of services and responsibilities**

1. Guide, supervise and manage the activities of consulting engineers responsible for preparation of technical and design studies, coordinating with various government agencies during the studies, and facilitating the delivery of associated meetings, tours, and workshops.
2. Coordination and approval of road construction designs and associated right-of-way, road safety, utilities, and other facilities with the design institute including coordination with state departments on road safety state departments; and any relevant changes on need basis;
3. Preparation and submission of necessary information of the technical sector upon requests of the allied units of the Ministry of Transport and Communications of the Kyrgyz Republic, other organizations, ministries and state bodies of the Kyrgyz Republic;
4. Render assistance to WB PIU procurement specialist in preparation of bidding documents on technical and engineering part, conducting evaluation of bid proposals;
5. Initial, as a technical quality expert, the draft contractual agreements, addendums, amendments and invoices generated under contracts for civil works, equipment supply, and consulting services.
6. Timely preparation of relevant documents on agreement with the state bodies of allocating the land for borrow pit, base, and outstand stations purposes during construction, amendment of design and construction decisions, together with the relevant specialists;
7. Conduct on-site inspection of the works, write the technical and quality assurance section for the monthly, quarterly and annual reports related to the project implementation, site visits as needed;
8. Provide control over the progress and quality of works and obligations performed by the Contractors, Consultants and Sub-contractors, supervision of the quantities of executed works, agreement and approval of executed works in Interim and Final Certificates.
9. Provide oversight control of laboratory works during site visits, as well as testing procedures of materials and elements used in the construction with appropriate guidance to the supervisors and contractors;
10. Supervision of compliance on the road safety, labor protection, and safety engineering requirements at the main and auxiliary sites;
11. Support WB PIU Specialists in implementation of social and environmental protection arrangements in accordance with the contract provisions and acting legislation;
12. Preparation of materials for review and agreement of changes to the design decisions appearing during construction, prompt settlement of replacement matters and, if needed, replacement of materials, structures, ware (without reducing the quality of construction sites), facilitation of remedial measures to the cause of delays and derogation of construction works as well as overall prevention of such a cause;
13. Preparation of materials on introduction of changes to draft documents and Projects, contract performance by the parties of the investment activities and supervision of fulfilling the decisions;

14. Provide direct support to the WB PIU in preparation for consideration the variation orders, addenda to the contracts for construction works, goods, and consulting services;
15. Coordinate with WB PIU records team in ensuring and keeping necessary records on executed works during the construction project phases,
16. Supervision of removal of shortcomings and defects by the Contractor within the time stated in the Contract.
17. Monitor and verify the technical acceptance of completed construction and assembly works and facilities, execution of necessary technical documentation and preparation of required reporting data on fulfillment of contractual obligations by the Engineer and the Contractor;
18. Provide engineering support in World Bank and Trust or Grant Funded activities and new project preparation, procurement management, project implementation and monitoring of studies and projects, as appropriate.

### **Reporting Relationship:**

Road Engineer will be reporting to the Head of the WB PIU and the Deputy Minister in charge. Consultant shall produce written reports for all the activities undertaken every month. All reports will highlight the main achievement with regard to the planned activities and submitted directly to the Head of WB PIU. At the end of the contract period, the expert should produce a final report to be submitted with the request for the last instalment payment.

### **Qualifications and Experience:**

- Degree in road construction;
- General work experience (not less than 5 years) as a road engineer;
- Work experience (not less than 3 years) in international organizations, especially in road projects as a road engineer;
- Working knowledge of procurement practices of national and international standards with an understanding of FIDIC and Kyrgyz Republic legislation on road construction; possession of certificate/license for the road construction supervision;
- Fluency in Russian and Kyrgyz languages;  
Good knowledge of written and spoken English is an asset;
- Good computer skills, all Microsoft Windows office applications.

### **Duration of the assignment**

The probation period is 3 (three) months. The duration of assignment is 12 months. The term of engagement may be extended by mutual agreement of the parties involved.