

## TERMS OF REFERENCE

<b>Contract</b>			
<b>Project</b>	CAREC 1 and 3 Connector Road Project		
<b>Expertise</b>	Road Engineer		
<b>Source</b>	National	<b>Category</b>	Independent Consultant
<p><b>Objective/Purpose of the Assignment:</b>  The key objective of the assignment is to supervise the quality works performed by the Contractor with the assistance from the construction supervision consultant that would be in line with the technical specifications in implementation of the Kyrgyz Republic: CAREC 1 and 3 Connector Road Project and other ADB projects being implemented by the IPIG ADB.</p> <p>The Road Engineer supervises the quality works performed by contractors to be in line with technical specifications. Additional objective is to tender assistance to procurement department and mediate joint activities between Engineering and Procurement Departments</p> <p><b>Reports to</b>  The Road Engineer will be reporting to an appropriate ADB Coordinator, IPIG Director.</p> <p><b>Scope of services and responsibilities</b></p> <ul style="list-style-type: none"> <li>(i) Regular 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;</li> <li>(ii) Control over progress of laboratory works on the site as well as the materials and components testing procedures used at construction;</li> <li>(iii) Supervision of following the traffic safety, labor protection and safety engineering requirements at the main and auxiliary sites; implementation of environment protection arrangements in accordance with the contract provisions and acting legislation;</li> <li>(iv) Preparation and submission of necessary information of the technical sector upon requests of the allied units of the Ministry of Transport and Roads of the Kyrgyz Republic, other organizations, ministries and state bodies of the Kyrgyz Republic regarding questions that fall within the competence of IPIG;</li> <li>(v) 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 within the competence of IPIG;</li> <li>(vi) 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;</li> <li>(vii) Timely preparation of relevant documents on agreement with the local and republican powers of allocating the land for borrow pit, base, and outstand stations purposes during construction, amendment of design and construction decisions, etc. within the competence of IPIG;</li> <li>(viii) Agreement of road construction designs, road sign and fence locations schemes with the design</li> </ul>			

institute, road safety state departments and introduction of relevant changes if needed;

- (ix) Keeping necessary records on executed works during the construction project phases;
- (x) Supervision of technical acceptance of completed construction and assembly works, execution of necessary technical documentation and facilitation of preparing required reporting data on fulfillment of contractual obligations by the Engineer and the Contractor;
- (xi) Supervision of removal of shortcomings and defects within the time stated in the Contract;
- (xii) Provide inputs when requested on the monthly and quarterly progress reports, and project completion reports;
- (xiii) Assist ADB in review missions, project completion mission, or any other special administration missions; and
- (xiv) Supervision of removal of shortcomings and defects within the time stated in the Contract.
- (xv) Render assistance to IPIG procurement department in preparation and elaboration of documents in technical and engineering part
- (xvi) Mediate and coordinate IPIG Engineering and Procurement Departments in their joint work;
- (xvii) Participate in preparation of Monthly, Quarterly and Annual narrative reports related to project implementation.
- (xviii) Performing other official commissions of IPIG Director and ADB Coordinator.

**Qualifications and Experience:**

- Higher education in civil works, road engineering;
- General work experience (not less than 5 years) in capacity of road engineer;
- Work experience (not less than 3 years) in international organizations, especially in road reconstruction projects, in capacity of road engineer and/or procurement specialist;
- Knowledge of FIDIC and local legal documents for road construction; availability of certificate/license for the road construction supervision;
- Good knowledge of written and spoken English
- Knowledge of Kyrgyz is an asset
- Good computer skills, all Microsoft Windows office applications.

<b>Places of Assignment:</b>	<b>Days/Months</b>	<b>Estimated Dates</b>
Principal place of services is the IPIG office at the Ministry of Transport and Roads of the Kyrgyz Republic.	5 months	Commencement of Services is scheduled to August 1, 2017 subject to approval of the ADB. The contract is effective till December 31, 2017.