



## APPLICATION OF FIDIC METHODOLOGY IN THE QUALITY CONTROL OF ROAD CONSTRUCTION WORK

D. B. Toreshov

Karakalpak state university

### Annotation

In this article, in conclusion, the organization of work on the construction, repair and reconstruction of highways on the basis of the contracts of the International Union of Civil Engineering Consultants FIDIC and its significance.

**Keywords:** khalkaro Federation of Civil Engineering Consultants (FIDIC), DUK customer, construction, repair and reconstruction processes.

Our country of Uzbekistan is currently one of the most civilized countries. Especially in the road industry, new technologies are created, and work is being carried out on which road engineers have made a coat of arms.

The development of the modern highway network, taking into account the geographical location of the Republic, is a first-class task in increasing the competitiveness of the economy of our country, in the development of the Republican transport industry and in expanding export opportunities.

Today, in the construction, repair and reconstruction of highways, the Ministry of transport is the duk customer of the "Directorate for the construction and reconstruction of highways in general use", which is part of the highway committee in huziri. Other businesses within coomita perform these jobs on a contract basis. The acceptance of these cases is also the responsibility of this Directorate. And the quality of the materials used and the work done is carried out by the Inspectorate for quality control of road and road works in huziri, Ministry of transport. Road works are carried out by 1 ministry-owned enterprises "customer", "contractor" and "quality inspection".

On the basis of the rapid development of the country's road and transport infrastructure, the introduction of advanced technologies and the best foreign experience, the quality of project and road construction work is further increased. The importance of this is great in the organization of work on the basis of public and private partnerships in the field of quality management of highways.

FIDIC standards: why do we need it? Foreign creditors, investors, customers and contractors prefer to work on the carpet, which uses forms of halcaro standards and contracts (agreements) when curating production facilities around the world, as well as social Soha buildings and structures. These contracts are based on FIDIC documents. In relation to the modern practice of building and industrial development in the activities of the Federation of Civil Engineering Consultants (FIDIC), the methodological framework created and consolidated by this organization to promote the development of the field of engineering by unification and standardization has great value. In this regard, Fedarasia constantly prepares, publishes and distributes a number of methodological manuals and recommendations that will help participants in investment settlements prepare contracts and organize work. Materials published by FIDIC include standards of contract documentation, and contracts



concluded between the customer and the consultant, information for engineering consultants, project customers and international agencies in the new coursework, sample qualification questionnaires, various conferences, seminars, etc.

**History of FIDIC.** The history of the development of the International Federation of Civil Engineering Consultants is inextricably linked with the development of this profession. At the beginning of the 19th century, due to the increasing complexity of construction projects in Europe and the increase in the number of participants in their development, the profession of a specialist engineer began to appear, who was independently hired by the customer. Independent engineering consultants are those who do not have the right to own projects under construction and do not have connections with entrepreneurs and contract relationships with construction companies. They sell their autonomy knowledge and isolation to the customer and provide the best choice of contractors and suppliers.

With the rapid development of the engineering consulting institute at the beginning of the 20th century, the need arose to coordinate their activities. To this end, national associations of engineering consultants have been established in a number of countries. Association of Civil Engineering Consultants in Germany in 1903, Denmark in 1904, the United States in 1905, the United Kingdom in 1908, then Belgium. Formed in the Netherlands, in Sweden, in France.

During the 1913 International Industrial Exhibition in Belgium, the first congress of Civil Engineering Consultants was held, at which the international Fedarasia of Civil Engineering Consultants was established (FIDIC is an abbreviation of the name Federasia in French). Initially, FIDIC was aimed at creating a single international methodological base for the regulation of the activities of Engineering Consultants. It should be noted that in different countries there were different approaches to solving a number of issues regulating the activities of Engineering Consultants.

The narrow meaning of the term methodology of FIDIC consists of legal acts (contracts) of a fixed form, which include the Rules (Terms) for the implementation of construction projects.

Since the 60s of the 20th century, Fedarasia has been carrying out important work in the field of contract unification in various areas of construction.

Standard FIDIC contracts provide for the consideration of the specifics of national legislation and the specifics of each construction project. To this end, the contract consists of two parts, the general terms of the contract and the terms of special application.

The FIDIC contract includes: contract of contract of contract (general, special conditions), application to the tender (proposal of the contractor), letter of acceptance, specifications, drawings and additional documents.

In this case, the work on the technical control of the construction, repair and reconstruction processes is assigned to independent consulting (engineer) companies. Consultant (engineer) companies contracts with the "customer "and" contractor " are also directly involved in the definition of technical requirements and the examination of Project Solutions.

As a non-governmental and non-profit organization, the Association of engineering consultants and builders (O'IKQU) was chartered by the Ministry of Justice on December 24, 2007. But, for the lack of



legal sources of financing and other objective and subjective reasons, the activities of this organization kura did not last long.

Due to the fact that the road reconstruction projects, which are today part of the Uzbek national highway, are carried out with the support of foreign financial institutions, and the technical requirements of contracts with foreign companies are drawn up on the basis of the regulations of the International Union of civil consultants FIDIC, in the tests carried out to assess the quality of road construction materials and

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