REQUEST FOR EXPRESSION OF INTEREST
(CONSULTANCY SERVICES – SELECTION OF FIRM)

WATER SECURITY AND CANAL PROTECTION PROJECT
REPUBLIC OF KOSOVO

CONSULTANCY SERVICES FOR DESIGN & IMPLEMENTATION SERVICES

Credit No. CR5902-XK
Project No. P133829
Assignment Title: Consultancy Services for Design and Implementation Supervision
Reference No. WSCP-CS-QCBS-2

The objective of the Kosovo Water Security and Canal Protection Project (WSCPP) is to contribute towards restoring the Ibër Canal to its original capacity to improve water resource management for various canal water users in Central Kosovo. This will ensure that more reliable supply and better-quality water benefits approximately 500,000 people and entities based in the central Kosovo canal basin, and becomes a supporting factor for economic and social development.

The Ibër Canal (a manmade artificial canal) together with the Gazivoda dam, the Pridvorica compensation reservoir, and a pressurized irrigation system serving 20,000 ha was built during the period 1970–1980. The project was designed as a multipurpose system providing irrigation, municipal and industrial (M&I) water, and cooling water for coal power plants near Pristina. After over 40 years of service, the canal concrete lining has been degrading, resulting in significant seepage losses (around 50 percent) leading to a significantly lower transit capacity.

The implementing agency for the WSCPP is Iber-Lepenc Company (ILC) – a joint stock parastatal organization wholly owned by the Government of Kosovo.

The WSCPP includes the following components:

Component 1: Infrastructure Rehabilitation and Modernization

This component includes works for re-establishing the Iber canal transit capacity, enabling closure of the canal for maintenance, strengthening the canal structural safety against extreme events, and enhancing Gazivoda dam safety. This component will mainly rehabilitate the open-air sections of the canal (e.g. through canal lining, treatment of joints, repair of abutments, cuttings, aqueducts, culverts). In addition, by constructing a new balancing-and-emergency reservoir in Mihaliq area, the project will enable the Iber-Lepenc Company (ILC) to cut the canal flow whenever needed to rehabilitate the canal's closed sections or amid extreme events and balance water demand and supply over the Year 2035 horizon.

Component 2: Water Resources Protection and Management

This component includes works for water resources protection and management, to increase the Gazivoda-Ibër system operational efficiency and to protect the canal ambient water quality (against renewed or accidental pollution and other man-made disruptions). The works include selective fencing and covering of certain canal sections. A relatively advanced SCADA will be installed given the importance of the canal, including instrumentation for optimized operational schedule of the Gazivoda reservoir and its downstream balancing reservoir in Pridvorica, integrated with the canal SCADA.
Component 3: Project Management, Coordination, Monitoring, and Evaluation

This component will cover overall project management as well as coordination among the different ministries/agencies involved in water management as related to the IL Canal. The activities financed by this component include capacity building of ILC including competitively-selected consultants for detailed design and supervision, M&E, dams Panel of Experts (PoE), and tailor-made training courses on canal technology and water management.

Key Infrastructure Elements under WSCPP

The overall scope of the infrastructure development and rehabilitation elements under the WSCPP (Component 1 and Component 2) are currently envisaged to include the following:

Canal

Canal Section Rehabilitation
- New concrete lining: 5,107 m in 15 sections
- Rehabilitation of joints through a total length of canals of 4,911 m
- Rehabilitation of 17 aqueducts (through application of plastic waterproofing materials)

Structures

Bridges and Roads
- Access road along the canal, including rehabilitation and construction of new sections
- Rehabilitation of 18 bridges with new drainage crossing
- Rehabilitation of 6 bridges
- Construction of one New bridge and 7 walkway bridges
- Construction of slabs to cover 400 meters of the canal across Zubin Potok Village

Works to Protect the Canal from Turbidity and Pollution
- Construction of 32 Crossing Channels above the canal and 21 under the canal
- Construction of retaining walls upstream and downstream of the canal section: 9,341 and 851 m.
- Construction of Storm water culvert on a length of 21 kilometers

Other Minor Works

- Water distribution boxes: 21
- Tunnel metal grids: 13
- Clearing of vegetation: 32,000 m2
- Fence: 2,408 metres
- Septic tanks

Mihaliq Dike - Reservoir

The construction of a 600 m long and 25 m high earth dyke across a wide creek above the Iber Canal creating a compensation reservoir of about 3.7 million m³, a pumping station to lift water from the Iber Canal to the reservoir, and a pipeline of 2 km to supply the Pristina municipal regional water company presently under construction during periods of high turbidity of the canal water.

Small Reservoir at Obiliq

The construction of a small compensation reservoirs with a sufficient capacity at the control structures of the Iber Canal at DO 3 Hamidi where the intake for supplying cooling water to the
thermal plant is located. This reservoirs will absorb the deviations between supply and demand between the control structure DO and DO2.

**SCADA**
A SCADA system will be installed to optimize the operation of the Ibér Canal. Preliminary design of the SCADA System has already been completed.

**Gazivoda and Pridvorica Dam**
Minor dam safety works and updated dam safety analysis (geodetic survey, design flood analysis and flood risk assessment, seismic stability assessment).

Under Component 3 of the WSCPP, **ILC intends to commission the consultant services of a qualified firm for providing the required technical assistance towards design, engineering and supervision services for implementing the key infrastructure elements of the WSCP Project.**

**Scope of Services**
Scope of Services are briefly outlined below (more details available in the ToR):

a) To prepare detailed design for the works and facilities described above to be carried out under the project, including standard drawings for typical works.

b) To provide technical assistance to the ILC on technical aspects of the bidding documents and support to the ILC on technical issues during the evaluation of the bids.

c) To provide Engineering Supervision and Quality Assurance Services of internationally recognized standards for all construction (civil and mechanical) works as described above, and supervise compliance with ESMF and RPF, in support of the ILC.

d) To carry out along with the design of Mihaliq dike, an operation and maintenance plan, including preparation of final design notes, as built drawings, O&M Manuals, annual O&M plans and resource requirements and provision of training for the management of the Iber system including operation of the pumping station at Mihaliq

e) To carry out environmental and social impact assessment (ESIA) study for the Mihaliq reservoir according to the requirements laid out in the national laws/regulations on EIA, and also in compliance with World Bank’s operational policy OP 4.01 ‘Environmental Assessment’. Detailed Terms of Reference (ToR) for the ESIA study are annexed to this document.

f) To carry out Dam Safety Analysis for Gazivoda and Pridvorica Dam and Mihaliq Dike in accordance with details provided in the detailed ToR.

It is anticipated that the contract for the required services would require around **240 person-months of key staff input** (as below - including both international and national) over a **calendar period of 42 months.**
ILC now invites eligible Consulting Firms (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services (brochures, experiences in the region, experiences on similar type of assignments, experience with multilateral development institution financed projects, organization and management structure, key personnel available with the firm etc.)

The short-listing criteria, inter alia, are: (i) Firm’s general credentials vis à vis the sectoral focus of the assignment (ii) Successful execution of similar assignments undertaken internationally within the last 5 years including assignments in the region/country (iii) Availability of appropriate manpower and skills required to undertake the assignment

Consultants may associate with other firms in the form of a joint venture or a sub consultancy to enhance their qualifications.

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank’s Guidelines: Selection and Employment of Consultants IDA Credits by World Bank Borrowers, Selection and Employment of Consultants (under IBRD Loans and IDA Credits& Grands) by World Bank Borrowers January 2011, revised July 2014 (“Consultant Guidelines”), setting forth the World Bank’s policy on conflict of interest.

A Consultant will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the “Consultant Guidelines”.

Further information can be obtained at the address below during hours 09.00 to 15.00 from Monday to Friday excluding lunch hour (12.00 to 13.00) and public holidays.

Expressions of Interest (EoI) must be delivered in a written form to the address below (in person) or through e-mail, latest by March 05, 2018 on or before 12:00 a.m. If submitted in hard copy, an electronic copy of the EoI must also be submitted for the convenience of ILC.

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