**Greening Public Infrastructure - Promotion of Energy-Efficiency and Upgrade of Hydro Power Plant Perućica, Consultancy Services, Montenegro**

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| **Consulting Servicesin the Hydropower Sector** | **Deadline: 18/09/2020** |

**Country:** Montenegro

**Sector:** Hydropower

**Ref.-N°:** BMZ No. 2019 68 437,
 KfW Procurement No. 505914

**Prequalification**

**Reference:**

Internationally open tender for consultancy services for reconstruction and modernization, i.e. upgrade of HPP Perućica, in favour of Elektroprivreda Crne Gore AD Nikšić (EPCG).

**Employer:**

Elektroprivreda Crne Gore AD Nikšić (EPCG), Niksic, Montenegro

**Project measures:**

The Project shall encompass measures of reconstruction and modernization, i.e. installation of an additional Pelton turbine (Unit U8) in HPP Perućica to the end of increasing the installed power of the plant to 365.5 MW. Power house and switchyard of HPP Perućica were built for the final phase of the HPP Perućica‘s construction which envisaged Unit U8. The eighth unit would have the rated capacity of 58.5 MW, hence the installed capacity of the plant would grow from 307 MW to 365.5 MW, while the discharge would increase from 68 m³/s to 81.75 m³/s. Unit U8 will be connected to the 3rd penstock of the plant designed for the installed discharge of 3 x 12.75 m³/s for three units U6, U7 and U8.

As part of the analyses and studies prepared until nowadays, it turned out that improvement of operating conditions of the plant with the eighth unit requires a reconstruction of the existing tailrace tunnel for the Unit U8, reconstruction of the Zeta I Channel – compensation basin – intake structure hub as well as small rehabilitation of the surge tank.

The aim of the Project is to carry out necessary rehabilitation measures and the installation of the new unit in HPP Perućica in order to assure the sustainable provision of hydropower as a contribution to a liable, climate friendly and cost-efficient electricity supply. By doing so, the Project will contribute to the global goal of mitigating CO2 emissions and climate change.

**Requested consultancy services:**

The objectives of the Project are given above. To this end, the following services are required from the Consultant:

* Preparation of construction designs and tender documents, assistance and support to EPCG during tendering procedures for selection of the contractor, assistance with bid assessment and evaluation as well as with contracting of works for the execution of civil works, i.e. for reconstruction of certain civil structures of the HPP Perućica system,
* Preparation of tender documents, assistance and support to EPCG during tendering procedures for selection of the supplier, assistance with bid assessment and evaluation as well as with contracting of works for electrical and mechanical equipment and the corresponding civil works tied to the installation of Unit U8.

The services shall also include expert assistance to EPCG for fulfilling their reporting duties (e.g. on project progress, etc.) to KfW.

The consultancy services shall be carried out in close consultation with EPGC and KfW in all aspects of the assignment.

The consultancy services shall be financed from a loan provided by the German Federal Ministry for Economic Cooperation and Development.

The selection of the Consultant will be guided by the latest version of the “*Guidelines for the Procurement of Consulting Services, Works, Plant, Goods and Non-Consulting Services in Financial Cooperation with Partner Countries*“ (refer to homepage of KfW).

It is foreseen to assign the services to an international consulting firm/joint venture experienced in the hydropower sector and the region with a minimum annual revenue of 2 million € (firm or joint venture). The Consultant is encouraged to collaborate with domestic consulting firms and/or individual consultants as well as specialised consultants/experts if deemed necessary to reinforce the needed local, institutional, educational and technical competence.

**EOI Documents:**

Detailed Invitations for Expression of Interest of Consultants are available from 07/08/2020 and onwards through the Chairman of the Evaluation Commission, Mr. Boško Božović,
e-mail: bosko.bozovic@epcg.com with copy to the
Tender Agent, Volker Spork,
e-mail: volker.spork@t-online.de.
Consultants willing to participate in the prequalification procedure shall announce their interest with all the given addresses.