

## TENDER NOTICE

**Country:** Montenegro

**Project Executing Agency/ PEA**

**(The Employer):** Electric Power Industry of Montenegro  
Directorate for Development and Engineering  
Vuka Karadžića 2, 81400 Nikšić, Crna Gora/Montenegro

**Name of Project:** Reconstruction and Modernisation of Hydro Power Plant Perućica, Phase II

**KfW Procurement No:** 505134

Electric Power Industry of Montenegro (EPCG), the Employer, has received a development loan from the Kreditanstalt für Wiederaufbau ("KfW") to be used for the Reconstruction and Modernisation of Hydro Power Plant Perućica. The Employer will use a portion of the available funds for the payments of the work to be performed under the contract for which this Invitation to Bid is issued.

The Employer invites sealed Bids from eligible Bidders for the Reconstruction and Modernisation of Hydro Power Plant Perućica.

The power plant Perućica has a total installed power of 307 MW and was constructed in three stages: the first one consisting of two power generating units of 38 MW and flow of 8.5 m<sup>3</sup>/sec each, was completed in 1960; the second one, consisting of three generating units of same power and flow was completed in 1962, and the third, consisting of two generating units of 58.5 MW power and 12.75 m<sup>3</sup>/sec flow each, was finalized in 1977. All turbines are Pelton-type.

The requested scope of works shall encompass:

- Reconstruction and modernization of hydro-mechanical and electrical equipment for units U5 – 38 MW, U6 - 58.5 MW and U7 - 58.5 MW (main equipment to be reconstructed: nozzles with driving servomotors, jet deflectors, turbine governors, turbine inlet valves, unit excitation and electrical braking systems, generator voltage equipment, 110 kV equipment, unit electrical protection systems, unit control systems, unit and step-up transformer monitoring systems);
- Reconstruction and modernization of the system for hydrological and hydraulic measurements on the headrace and tailrace system of the power plant;
- Reconstruction and modernization of the hydro-mechanical and electrical equipment in valve chambers of the plant's headrace system;

- Reconstruction and modernization of the plant level control system which will enable real time control of the power plant, optimal control of water resource within the real time, as well as planning of the power plant operation based on prediction models and analysis of operation in the previous period.

The general scope of the works shall include, but shall not be limited to the following: plant and equipment data acquisition, preparation of design documentation, procurement of materials and equipment, manufacturing and testing of the new equipment at factories, packing, transport and storage to the site, insurance of the works, dismantling of existing equipment and its temporary site storage (disposal), erection of the equipment, commissioning, trial operation and obligations during defect notification period.

Bidding will be conducted by means of the International Competitive Bidding procedure in accordance with a post-qualification procedure, in line with KfW “Guidelines for the Procurement of Consulting Services, Works, Plant, Goods and Non-Consulting Services in Financial Cooperation with Partner Countries”, January 2019 version ([https://www.kfw-entwicklungsbank.de/PDF/Download-Center/PDF-Dokumente-Richtlinien/Vergaberichtlinien-2019-Englisch-Internet\\_2.pdf](https://www.kfw-entwicklungsbank.de/PDF/Download-Center/PDF-Dokumente-Richtlinien/Vergaberichtlinien-2019-Englisch-Internet_2.pdf)).

A complete set of Bidding Documents (a hardcopy and a CD or flash drive) in English may be purchased by interested Bidders on the submission of a written application to Mr. Boško Božović, Project Manager, e-mail: [bosko.bozovic@epcg.com](mailto:bosko.bozovic@epcg.com), with a copy to Mr. Gojko Blagojević, Lead Engineer, e-mail: [gojko.blagojevic@epcg.com](mailto:gojko.blagojevic@epcg.com) and upon presentation of proof of payment of a non-refundable fee of 500 (five hundred) Euro. The method of payment will be by bank transfer as follows:

56: Intermediary bank:                      RAIFFEISEN ZENTRALBANK  
OESTERREICH AG VIENNA  
SWIFT CODE:RZBAATWW

57A: Account with institution:            Prva Banka Crne Gore  
Podgorica  
Swift Code: PRVAMEPG

59: Beneficiary customers:                ME25535005030000000070  
Elektroprivreda A.D.  
Vuka Karadžića 2, Niksic  
Montenegro

Considering that due to pandemic and consequent travel restrictions organization of site visit will not be possible, two video sessions will be held.

During the first session, adequate site related video and photo documentation will be presented by the Employer (first session will be held on April 20, 2021 at 09:30 a.m. local time).

During the second session, questions raised by the Bidders will be clarified (second session will be held on May 5, 2021 at 09:30 a.m. local time).

Participation at both video sessions will be obligatory.

The Bids must be delivered latest June 30, 2021 at 11:00 a.m. local time. Opening of the bids will be performed on the same day, starting at 11:10 a.m. at the Employer's premises.