

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 -
REHABILITATION OF OPAČICA AND MOŠTANICA CANALS

KfW Procurement No: 504318

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 fund 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 execution of construction works of the rehabilitation of Opačica and Moštanica canals, on Construction Contract basis as per the brief particulars of scope of works mentioned hereinafter.

Project measures:

Under present conditions, large parts of Opačica and Moštanica canals have been worn out and show significant damages of concrete lining, causing great water losses from the canals.

The purpose of Opačica canal rehabilitation is to increase the designed capacity from 51 m³/s to 81.2 m³/s, which shall be achieved by canal heightening.

The designed capacity of Moštanica canal is 12 m³/s. The existing section of Moštanica canal does not receive discharges of 12 m³/s without water overflow at some locations. The purpose of Moštanica canal rehabilitation is to ensure the designed canal capacity.

Requested scope of works:

The works shall be divided into Sections.

Section A: Current cross section of Opačica canal is trapezoidal in total length of 4.257,00 m with longitudinal inclination of 0,045%.

All construction works related to the Opačica canal in its full length shall cover following:

- Full and partial removal of damaged canal parts and re-concreting of these parts or their sections;
- Repair of concrete lining that will not be replaced;
- Canal heightening with construction of clay embankments for the purpose of receiving the discharge of 81.20 m³/s;
- Repair of expansion joints;
- Rehabilitation of the existing canal base (drainage);
- Undertaking of counter-seepage measures for the purpose of preventing or reducing suffosion from the canal foundation (drainage);
- Construction of an approach ramp from the existing local road to the upstream part of the canal;
- Construction of a reinforced concrete bridge over the canal for light road vehicles;
- Construction of siphon culvert (reinforced concrete structure) for drainage waters

Section B: Total length of Moštanica canal including tunnel part is 3.518,50 m. Current cross section of Moštanica canal part is trapezoidal in total length of 2.553,00 m with longitudinal inclination of 0,079%.

All construction works related to the Moštanica canal shall cover following:

- Removal of entire concrete lining in the canal stretch of trapezoidal section and re-concreting of the lining in this canal stretch;
- Removal of entire concrete lining in the transitional canal stretch and concreting of new lining in this stretch, keeping the present canal geometry;
- Heightening of the existing stretch of the canal of trapezoidal section by constructing a fill (height around 0.7 m) in order to ensure canal discharge capacity of 12 m³/s without overflow into the surrounding area and emplacement of concrete lining on the inner side of the fill;
- Reconstruction and implementation of drainage system at the canal bottom, which shall be extended by adding lateral drainages along canal slopes and vertical drainage shafts;
- Implementation of a drainage system for discharge of drained water from the canal into the existing Moštanica riverbed;

- Replacement of material and compaction of canal subsoil in order to prevent suffosion and replace mud material with poor geotechnical properties, as a medium in which the canal would be founded;
- Sporadic repair of expansion joints and local repairs of cracks by grouting in the tunnel part of the canal (stretch of closed U-shape section);
- Construction of 3 watering holes for animals (shafts with the clear opening dimensions 1 m x 1 m and trough 1.15 m x 2.00 m x 0.30 m);
- Construction of a reinforced concrete pedestrian bridge over the canal.

Bidders are required to offer the execution of full scope of works (Section A and Section B). Offering only part of the works (only Section A or only Section B), entails a rejection of Bid and disqualification of Bidders.

Time for completion of requested works is:

Section A (Opačica canal):

18 months calculated from the Commencement Date.

Section B (Moštanica canal):

17 months calculated from the Commencement Date.

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” (“KfW Guidelines”) as of January 2019 “ (reference is made to KfW’s web-site: https://www.kfw-entwicklungsbank.de/PDF/Download-Center/PDF-Dokumente-Richtlinien/Vergaberichtlinien-2019-Englisch-Internet_2.pdf)

Execution of the works and contractual obligations shall be in the frame by standard contract conditions: Conditions of Contract for Construction for Building and Engineering Works, Design by the Employer - Multilateral Development Bank Harmonised Edition of June 2010 (FIDIC Pink Book).

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 the address below 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, Nikšić
Montenegro

Payment of this purchase price from a location within Montenegro is to be made to the account No 535-55-11, Prva Banka Crne Gore, Podgorica

An obligatory site visit and a pre-bid meeting will be organized by Electric Power Company of Montenegro on March 17 and 18, 2020 at 09:00 a.m. local time.

The Bidding Documents must be delivered latest April 22, 2020 to 11:00 a.m. local time (bids opening at 11:10 a.m. on the same day). Opening location: Electric Power Industry of Montenegro, 81400 Nikšić, address: Vuk Karadžić No 2, Administrative building, Annex hall - ground floor.

Contact address for the above is:

Elektroprivreda Crne Gore (EPCG) / Electric Power Industry of Montenegro
Direkcija za razvoj i inženjering / Directorate for Development and Engineering

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