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**GE-Tiflis: Central hidroeléctrica (BEI)  
2012/S 9-012344**

**Hydro Power Plant**

**Georgia  
Enguri / Vardnili HPP Rehabilitation Project**

**Invitation for Prequalification**

**Replacement of Various Electrical Equipment**

Engurhesi Ltd, hereinafter referred to as "the Client", intends using part of the proceeds of a loan from the European Investment Bank (EIB), hereinafter referred to as "the Bank" towards the eligible costs of Enguri/Vardnili HPP Rehabilitation Project.

The overall Enguri and Vardnili HPP Rehabilitation Project is financed by EBRD, EIB and EU NIF. The tendering documentation is following the EBRD Standard Tender Documents for all the contracts. In the purchases which EIB finances alone (like this purchase), EIB makes the procurement decisions and commenting that are defined in the EIB Guide to Procurement, to be made by the Bank.

The Client intends prequalifying firms and consortia to tender for the following contract(s), hereinafter referred to as "the Contract", to be funded from part of the proceeds of the loan.

The aim of the Contract is to carry out the refurbishment and modernization of the electrical equipment of Vardnili 1 HPP. The Enguri HPP and Vardnili HPP Cascade is located in the west Georgia, in the Abkhazia region, few kilometers from the town Gali.

The scope of the Contract includes the rehabilitation of the following equipment:

- replacement of complete auxiliary power supply system including transformers, distribution and sub distributions 0.4 kV, 50 Hz, Direct current system and Uninterruptable Power Supply system;
- replacement of power supply and control cables in HPP, including arrangement of cable trays and channels:
- installation of emergency diesel generator set,
- replacement of complete control and protection system,
- replacement of generator circuit breakers cubicles,
- installation of new static excitation systems on units No 2 and 3,
- replacement of equipment in 220/110 kV switchyard, including circuit breakers (except new circuit breakers installed few years ago), disconnectors, instrument transformers, surge arresters, isolators, connections etc,
- rehabilitation of generator's cooling system,
- installation of new hydro mechanical equipment measuring system and its implementation in control system,
- installation of new generator's monitoring system, including partial discharge, vibration and temperature measuring,
- replacement of lighting system.
- installation of new autotransformers
- Installation of additional submerged pumps: 2 units with 600 m<sup>3</sup>/h capacity each.
- Installation of additional auxiliary pumps: 2 units with 25 m<sup>3</sup>/h capacity each.

The Client will provide construction designs for the rehabilitation of the electrical equipment.

The refurbishment and modernization of the electrical equipment can be implemented concurrently. The expected construction period is 18 months.

Prequalification and tendering for contracts to be financed with the proceeds of a loan from the EIB is open to firms and joint ventures of firms from any country.

Prequalification documents may be obtained from the office at the address below or may be dispatched electronically in PDF format free of charge.

The prequalification documents must be duly completed and delivered to the address below, on or before 15 February 2012, by 16:00 PM, local time. Documents which are received late may be rejected and returned unopened.

Interested firms may obtain further information from, and inspect and acquire the prequalification documents at the following office:

Contact person: Mr. Malkhaz Tskvitishvili

Executing Agency:

Engurhesi Ltd, Project Implementation Unit, Street Address: 8, Politkovskaia Street, Floor/Room number: 2nd floor, City: Tbilisi, Postal Code: 0186, Country: Georgia. Phone number: +995 322188011, Facsimile number: +995 322188022, E-mail address: [Malkhaz@caucasus.net](mailto:Malkhaz@caucasus.net).