



**REHABILITATION OF BELMEKEN – SESTRIMO – CHAIRA HYDRO COMPLEX
AND REHABILITATION OF VACHA-1 HPP 110KV SWITCHYARD AND HPP
SYSTEMS OF INTEGRATED CONTROL**

This General Procurement Notice is an update of the General Procurement Notice published on EBRD web site on 15 January 2016 (8141-GPN-17149).

NATSIONALNA ELEKTRICHESKA KOMPANIA EAD (“NEK EAD” or the “Employer”) intends using the proceeds of the grant funds provided by the Kozloduy International Decommissioning Support Fund (the “KIDSF”), administered by the European Bank for Reconstruction and Development (“EBRD” or the “Bank”) under Grant Agreement No 049A and its own financial sources towards the cost of the Project for Rehabilitation of Belmeken – Sestrimo - Chaira Hydro Complex and Rehabilitation of Vacha-1 Hydro Power Plant (HPP) 110 kV switchyard and other HPP systems of integrated control.

The overall budget of the Project is EUR 37 million. 70% will be financed by KIDSF and 30% by NEK EAD.

The Project will require procurement of activities such as design, manufacture, delivery, installation, supervision, setting, testing and commissioning of different equipment and systems for the following Hydro Power Plants, as described below:

- **Chaira Pumped Storage Hydro Power Plant:**

Plant control and monitoring system, relay protections, unit excitation system, vibration monitoring and analyses system of the units, generator/motor 19 kV switchgears and nodal 19 kV switchgears for control and protection of the units, service water feeding pumps, electric energy metering systems, ventilation systems, common auxiliary equipment and materials; disassembly, machining and installation of components of the turbine equipment and the automatic speed and active power regulation system of the units.

- **Belmeken Pumped Storage Hydro Power Plant:**

Local automation equipment and oil pressure systems for control of spherical valves and their auxiliary valves, local automation equipment and oil pressure systems for control of mechanical brakes, nozzles, needles, deflectors and hydraulic cylinders of the deflectors, unit excitation systems, local automation equipment and oil pressure system for control of the gear-type couplings, speed governors and work stations, control systems and generator circuit breakers.

- **Sestrimo Hydro Power Plant:**

Local automation equipment and oil pressure systems for control of the spherical valves and their auxiliary valves, local automation equipment and oil pressure systems for control of mechanical brakes, nozzles, needles, deflectors and hydraulic cylinders for the

deflectors, unit excitation systems, speed governors and work stations, control systems and service water units (pump and motor) for generator cooling.

- **Momina Klisura Hydro Power Plant:**

Local automation equipment and oil pressure systems for control of the spherical valves and their auxiliary valves, unit excitation systems, speed governors and work stations, control systems, service water units (pump and motor) for generator cooling, hydraulic cylinders for guide vanes and turbine discharge valves, oil-free self-lubricating bearing elements to the turbines and spherical valves.

- **Vacha-1 Hydro Power Plant:**

New 110 kV high voltage equipment: disconnectors, circuit breakers, surge arresters, power lines protections for Vacha -1 HPP switchyard; telecommunication equipment, electric metering equipment; control system, excitation systems, turbine governors, relay protections, turbines equipment for Vacha-1 HPP Units 1-2.

Procurement is expected to begin in the second quarter of 2017.

Contracts to be financed with the proceeds of the KIDSF will be subject to the Bank's *Procurement Policies and Rules* and will be open to firms from any country.

The proceeds of the Grant shall not be used for the purpose of any payment to persons or entities, or for any import of goods, if such payment or import is prohibited by a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations or under a law or official regulation of the Employer's country.

Interested parties should contact:

Rady Stoyanov
Project Management Department
NATSIONALNA ELEKTRICHESKA KOMPANIA EAD
5, Veslets str.
1000 Sofia
BULGARIA
Fax: +359 2 980 32 98
E-mail: nekg049@nek.bg