

Hydro Power Plants Rehabilitation Project

# Project ID	47947
📍 Country	Ukraine
🏢 Sector	Power and Energy
💰 Total project cost	\$ 400 M (estimated)
📅 Status	Approved
💡 Source	EBRD , EBRD , EBRD , EBRD
👤 Executing agency (EA)	Ukrhydroenergo PJSC
🔍 Project keywords	Supply Transportation Manufacturing Gantry crane Transformers Hydro powerplant

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Carolin Welzel

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ABSTRACT

The multi-component & multi-donor (EBRD + EIB) project to refurbish and upgrade hydro power plant stations along River Dnieper and support PJSC "Ukrhydroenergo" - the largest hydropower generating company in Ukraine, which includes eight branches.

Active procurement notices:

- Supply of hydro-mechanical equipment for Kremenchug HPP and Dnipro HPP (deadline - 01/08/2024)
- Supply Of 110-154 KV Current Transformers (57 Pcs.) And 110-330 KV Voltage Transformers (26 Pcs.) For Five Hydropower Plants (deadline - 27/07/2024)
- Supply of hydro-mechanical equipment for Kyiv HPP (deadline - 10/08/2024)
- Supply of hydro-mechanical equipment for Dnipro HPP (deadline - 10/08/2024)

PROJECT COMPONENTS

Component 1: Supply of hydro-mechanical equipment for Kremenchug HPP and Dnipro HPP

- *Lot No. 1* - design, manufacture, factory testing, transportation, on-site testing, supervision and commissioning of one new 2x250/100+10+10 gantry crane for Kremenchuk HPP, supply of new runway rails and new power supply system;
- *Lot No. 2* - design, manufacture, factory testing, transportation, on-site testing, supervision and commissioning of two new 2x100+25 gantry cranes for Dnipro HPP, supply of new runway rails, runway beams and new power supply system

Component 2: Supply of Current and Voltage Transformers and Related Services for Kyiv HPP, Kaniv HPP, Kremenchuk HPP, Seredniodniprovskia HPP and Dnipro-2 HPP

2.1. Design, manufacture, factory testing, transportation of:

- 8 (eight) voltage transformers 110 kV and 6 (six) sets of Galvanized steel support structures for Kyiv HPP
- 6 (six) current transformers 110 kV for Kaniv HPP
- 3 (three) voltage transformers 110 kV for Kaniv HPP
- 27 (twenty-seven) current transformers 154 kV (with four secondary windings) for Kremenchuk HPP
- 12 (twelve) current transformers 154 kV (with eight secondary windings) for Kremenchuk HPP
- 6 (six) voltage transformers 154 kV for Kremenchuk HPP
- 3 (three) voltage transformers 330 kV for Kremenchuk
- 6 (six) voltage transformers 154 kV for Seredniodniprovskia HPP
- 12 (twelve) current transformers 154 kV for Dnipro-2 HPP

2.2. Training on operation and maintenance of current and voltage transformers at the Manufacturer's factory

2.3. Warranty Service

Component 3: Supply of hydro-mechanical equipment for Kyiv HPP

Design, manufacture, factory testing, transportation, on-site testing, supervision and commissioning of one new 2x175/2x15/25+10t gantry crane for upstream of Kyiv HPP, load-handling device - 2x175 t hydraulic catching beam and a new crane electrification system with a new current collector for the existing crane to be delivered as a complete set in conformity with these technical specifications

Hydro Power Plants Rehabilitation Project

Component 4: Supply of hydro-mechanical equipment for Dnipro HPP

- supply of Bridge Crane 145/23+145/23+5t for machine hall of Dnipro-1 HPP
- supply of downstream service bridge Gantry Crane 2x50+5t for Dnipro-1 HPP

PROCUREMENT INFORMATION

Procurement will be conducted using the EBRD Client E-Procurement Portal (ECEPP).

The Procurement Process for “Supply of 110-154 kV current transformers (57 pcs.) and 110-330 kV voltage transformers (26 pcs.) for five hydropower plants” additionally shall be carried out in accordance with the European Investment Bank’s (“EIB”) Guide to Procurement dated 10 December 2018.

- [Supply Of Hydro-Mechanical Equipment For Kyiv HPP](#)
- [Supply Of Hydro-Mechanical Equipment For Dnipro HPP](#)
- [Supply Of 110-154 KV Current Transformers \(57 Pcs.\) And 110-330 KV Voltage Transformers \(26 Pcs.\) For Five Hydropower Plants](#)
- [Supply Of Hydro-Mechanical Equipment For Kremenchug HPP And Dnipro HPP](#)

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