



Kozloduy NPP Units 1-4 Decommissioning Programme and the National Disposal Facility

Procurement ref:	9321-GPN-17149
Location:	Bulgaria
Business sector:	Nuclear safety
Project number:	Kozloduy NPP Units 1-4 Decommissioning Programme and the National Disposal Facility
Funding source:	KIDSF
Contract type:	Project goods, works and services
Notice type:	General Procurement notices
Issue date:	18 Jan 2019
Closing date:	18 Jan 2020 at 23:59 Local time

Kozloduy NPP Units 1-4 Decommissioning Programme and the National Disposal Facility

In November 1999, the Bulgarian Government and the European Commission signed a Memorandum of Understanding, in which the Bulgarian Government undertook a firm commitment to close and decommission Units 1 - 4 of the Kozloduy Nuclear Power Plant (KNPP) at the earliest possible dates. The Kozloduy International Decommissioning Support Fund (KIDSF) has been established and is administered by the European Bank for Reconstruction and Development (EBRD). One of the purposes of this Fund is to finance, or co-finance preparation and implementation of selected projects, which would require procurement of Goods, Works and Services for modification of existing plant

systems, design and construction of decommissioning facilities, including the National Disposal Facility, in an environmentally safe and cost effective manner, definition and procurement of dismantling and decontamination technologies and equipment.

State Enterprise Radioactive Waste (SERAW) is responsible for the Kozloduy NPP Units 1-4 Decommissioning Programme and the National Disposal Facility.

A Decommissioning-Repository Project Management Unit (D-R PMU) has been established in order to assist SERAW in the administration and management of the projects notified below.

This General Procurement Notice is an update to the General Procurement Notice, published on 19 January 2018. It draws attention to the following upcoming procurement activities:

Decommissioning Projects:

- **Power supply to facilities and buildings of Kozloduy NPP Plc. and SERAW (Project 35-1)**

The project is for the design and implementation of the new power supply infrastructure for Kozloduy NPP and SERAW. The scope of activities includes performance of an integrated analysis of the consumers at the Units 1-4 site, design, construction activities, procurement/supply of equipment, transportation, installation, inspection, tests, training, commissioning, elaboration of documentation to assist licensing, quality assurance and elaboration of the As-built documentation.

- **Fluid supply to facilities and buildings of KNPP Plc. and SERAW (Project 35-2)**

The project is for design and implementation of the new fluid supply infrastructure for Kozloduy NPP and SERAW. The scope of activities includes design, construction, procurement/supply of equipment, transportation, installation, inspection, tests, training, commissioning, elaboration of documentation to assist licensing, quality assurance and elaboration of the As-built documentation.

- **Supply and implementation Phase of Modernisation of SD "RAW-Kozloduy" to Receive and Process Decommissioning RAW (Project 48-2)**

This Project includes modernisation of the solid and liquid RAW treatment lines; RAW packaging line"; obsolete auxiliary systems; providing new equipment for the manufacturing of Reinforced Concrete Containers (RCC); provision of equipment for transport and handling of RAW; provision of new equipment for storage of the conditioned RAW and the lime storage site.

The estimated total cost for the above projects is 25.4 Million Euros.

National Disposal Facility (Repository) projects**• Site Preparation for Construction of National Disposal Facility**

This project includes the Preparation of Radiana site for the subsequent construction of the National Disposal Facility, including relocation of existing water channel, construction supervision and design supervision of the relocation.

• Design and construction of multi-layer test cover of NDF at Radiana site

This project includes development of the conceptual and detailed designs for two variants of multi-layer cover of National Disposal Facility and implementation of the detailed designs at Radiana site.

• Pre-disposal monitoring at Radiana site

This project includes delivery, installation, commissioning and testing of meteorological monitoring equipment at Radiana Site.

The estimated total cost for the above projects is 13 Million Euros.

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

Interested suppliers, contractors and consultants should contact in writing:

Head of D-R PMU

State Enterprise Radioactive Waste

Kozloduy Nuclear Power Plant site

Kozloduy

Bulgaria

Fax: + 359 973 7 4508

E-mail: DR-PMU@dprao.bg (mailto:DR-PMU@dprao.bg)