

**Attachment 1****General description
of the Decommissioning Programme Management Unit (D-PMU) consultancy assignment**

The main mission of State Enterprise Radioactive Waste (SERAW, the Client) is the safe management of radioactive waste on the territory of the Republic of Bulgaria, including decommissioning of radioactive waste management facilities. Within this mission, SERAW is also responsible for the implementation of the Decommissioning Programme of Units 1 to 4 of the Kozloduy Nuclear Power Plant (KNPP) as per the decommissioning licenses granted by the Bulgarian Nuclear Regulatory Authority (BNRA) in 2014 for Units 1&2 and in 2016 for Units 3&4 respectively.

The Decommissioning Programme of KNPP Units 1 to 4 is co-financed by Bulgarian national funds and by the Kozloduy International Decommissioning Support Fund (KIDSF) administered by the European Bank for Reconstruction and Development ("EBRD", "the Bank").

The main objective of the Consultancy services is to support SERAW in managing the safety challenges in respect of the decommissioning of KNPP Units 1 to 4. The major safety challenges to be addressed by the Kozloduy Decommissioning Programme are:

- a) the dismantling and decontamination in the reactor buildings, the progress of which is to be measured by the quantity and type of materials removed, as well as earned value;
- b) the safe management of the decommissioning and radioactive waste and of activated materials and dismantling materials, including their decontamination up to interim storage or to disposal (depending on the waste category), as well as the completion of the waste and material management infrastructure where necessary. Progress is to be measured by the quantity and type of material released from regulatory control and waste safely stored or disposed, as well as earned value; and
- c) continue the downgrading of radiological hazards. Progress is to be measured through the safety assessments of the activities and the facility, identifying ways in which potential exposures could occur and estimating the probabilities and magnitude of potential exposures. The release of the facilities from regulatory control up to corresponding regulatory free-release levels is due to take place by the end of 2030.

The overall objective of the Assignment is to facilitate the timely and effective implementation of the entire Decommissioning Programme by providing assistance to the Client and facilitating knowledge transfer to SERAW's staff, with the objective of internal capacity building and long-term self-sufficiency. The Consultant appointed to support the Decommissioning Programme Management Unit (D-PMU) with this function will be required to familiarise itself with the Financing Documents¹ related to the Programme and other

¹ Financing Documents – these include the full package of documents signed between the Bank, its Client and any other party (such as the Guarantor, Beneficiary or Donor Government) which govern the use of funds as provided by the EBRD and or/its Donor. They may include the Loan Agreement, Project Support Agreement, Grant Agreement, Client Contribution Agreement etc.

EBRD key documents including those which govern lending policies and practices including, but not limited to:

- [EBRD Environmental and Social Policy](#)
- [EBRD Procurement Policies & Rules](#)
- [EBRD Disbursement Handbook for Public Sector Clients](#)
- Other related EBRD Policies, Strategies or Procedures as relevant to the Programme

SERAW will need the support of a Consultant embedded within the Decommissioning Programme Management Unit (D-PMU) for Kozloduy NPP Units 1 to 4. The D-PMU shall be responsible to support SERAW for the management of entire Decommissioning Programme of KNPP Units 1 to 4. The D-PMU will be staffed with a composition of experts from the D-PMU Consultant and professional and support staff from SERAW. The main task of the D-PMU Consultant shall be to support SERAW's management in the implementation of the Decommissioning Programme for KNPP Units 1 to 4 as per the best international practices. Furthermore, the D-PMU Consultant shall provide support to SERAW in reporting the progress of the Programme in accordance with Council Regulation (Euratom) 2021/100 of 25 January 2021, Rules of the KIDSF and the respective Grant Agreements between the European Bank for Reconstruction and Development (EBRD) acting as Administrator of grant funds provided by the Kozloduy International Decommissioning Support Fund and SERAW, as the Recipient.

By engaging a Consultant, it is expected that the Client will have access to the best international practices in the field of Programme management, including procurement of works, goods and services. As well as capability and experience in assignments of a similar nature and complexity in the decommissioning of Nuclear Power Plant units and radioactive waste management (treatment/conditioning/storage/disposal) in accordance with national and international codes and standards, certification and best international practices.

The Consultant will be based at the Kozloduy NPP Units 1 to 4 site and will perform the following main tasks:

- ✓ **Assistance in Overall Programme Organisation and Management**
- ✓ **Programme Planning, Scheduling and Risk Management**
- ✓ **Dismantling, Decontamination, Material and Waste Management**
- ✓ **Health and Safety Monitoring**
- ✓ **Organisational Change Management/ Capacity Building/ Training of SERAW's personnel**
- ✓ **Assistance with Procurement, Tendering and Contract implementation**
- ✓ **Assistance with Compliance & Reporting Obligations under the Financing Documents**
- ✓ **Environmental Due Diligence Support**
- ✓ **Assistance in Programme Risk Assessment and Management**
- ✓ **Performance Review and Evaluation**

The Consultant will support the Client in the supervision of the contract(s) and assist the Client to administer the signed contract(s) in accordance with the conditions of the contract(s).