



## ANNOUNCEMENT

### FOR PARTICIPATION IN A PUBLIC PROCEDURE

### OF KOZLODUY NPP-NEW BUILD EAD

## TO THE ATTENTION OF ALL INTERESTED PARTIES

KOZLODUY NPP-NEW BUILD EAD (hereinafter referred to as Owner), invites all interested parties to participate in a **pre-qualification**, part of a public procedure for the selection of tenderers for the following services:

#### I. SUBJECT

**Provision of engineering consulting services for the development of the project for new nuclear power capacity at the site of Kozloduy NPP (Owner’s Engineer)**

#### II. GENERAL INFORMATION ABOUT THE PROJECT

Kozloduy NPP – New Build EAD is a single public limited company established in accordance with the legislation of the Republic of Bulgaria in 2012. Its mission is to manage a project for feasibility, engineering, procurement, construction and commissioning of new nuclear power capacity at the existing site of Kozloduy nuclear power plant (Kozloduy NPP), referred to as the “Project”. 100% of the shares in KNPP-NB are owned by Kozloduy NPP EAD – the operator of the existing NPP, which is in turn owned by “Bulgarian Energy Holding” EAD. The principal of the Bulgarian Energy Holding is the Minister of Energy.

The scope of activity of Kozloduy NPP-New Build EAD includes the construction of a new nuclear power capacity from the latest generation at the Kozloduy NPP site, including: design, construction and commissioning, as well as the studies, permits, statements and assessments related to this activity and the applicable legislation, as well as obtaining the necessary licenses for the operation of the nuclear facilities from the Bulgarian Nuclear Regulatory Agency (BNRA), in accordance with the Safe Use of Nuclear Energy Act (SUNEA) (referred to as Project).

On April 11, 2012, the Council of Ministers of the Republic of Bulgaria adopted a decision regarding Article 45, paragraph 1 of the SUNEA. That decision provided an agreement in principle for the construction of new nuclear power capacity at the Kozloduy NPP site, using a new generation III or generation III+ technology. Preparations and assessments took place between 2012 and 2015.

From 2012 to 2014, mandatory feasibility studies based on engineering, geological, hydrological, seismic and other research were conducted for four potential sites located adjacent to the existing Kozloduy NPP Units 5 and 6. The assessments were conducted in accordance with

national and international legal requirements and the International Atomic Energy Agency (IAEA) recommendations.

An environmental impact assessment (EIA) was conducted in 2013-2014 and on 27 January 2015, the Minister of Environment and Water approved the EIA report for the construction of the new nuclear capacity at the site of the existing Kozloduy NPP. The EIA entered into force in April 2019.

On February 21, 2020, the Bulgarian Nuclear Regulatory Agency (NRA) approved a site (Site No. 2) for the location and deployment of a new nuclear facility, a 55-hectare area of land located east of Kozloduy NPP Units 1 and 2. The site approval is the first step of the regulatory process of building new nuclear units according to SUNEА. Pursuant to the decisions of the National Assembly of 12 January 2023 and negotiations were held with the US government and an Intergovernmental Agreement for the construction of a new nuclear power plant at the Kozloduy NPP site with AP1000 technology was signed on 12 February 2024.

On 18 December 2023, the National Assembly of Bulgaria approved construction of the 7th unit at the Kozloduy NPP site using Westinghouse AP-1000 technology and adopted a detailed schedule for the implementation of the project, until the introduction to final commercial operation of the unit and the obtaining of a license to operate under the SUNEА, expected to take place by 31 December 2034.

As regards Unit 8, the National Assembly of Bulgaria adopted decisions on 12 January 2023 and 18 December 2023 which mandate the Council of Ministers through the Minister of Energy to take actions to start the necessary procedures for the construction of a second unit with identical technology AP1000 at the Kozloduy NPP site No. 2 which is approved by the BNRA.

On 4 November 2024 Kozloduy NPP-New Build EAD signed a contract with the consortium between "Westinghouse Electric Company" and "Hyundai Engineering and Construction" for the provision of initial engineering activities and design of new nuclear power plant based on the AP1000 technology at the Kozloduy NPP site 2, approved by order issued by the Chairman of BNRA.

In order to achieve the goals in a timely manner and to perform effectively the activities set out in the indicative schedule in Appendix I of the Decision of the National Assembly of 18 December 2023, it is necessary a significant number of experienced experts and technical resources to be involved in providing engineering and technical consulting services during the implementation of all the phases of the Project regarding unit 7 and unit 8.

Within the scope of the required necessary engineering consultancy services, Kozloduy NPP-New Build EAD expects the Contractor to participate effectively and supports the entire process of planning, management, implementation, control and coordination of all activities and processes related to the timely and qualitative performance of all the phases of the Project implementation, including those relating to the process of negotiating the scope and terms of the subsequent contract for engineering, procurement and construction of new nuclear units at the Kozloduy NPP site.

The activities carried out by the Contractor must be in accordance with all applicable Bulgarian, European and international regulatory documents, standards, requirements and recommendations for all phases from the design to the commissioning of the new nuclear power plant at the Kozloduy NPP site, including handover and completion of the Project.

## **II. DESCRIPTION OF THE SCOPE**

The role will be divided into two phases – before and after taking the Final Investment Decision, which according to the schedule by the National Parliament is foreseen for the end of 2025.

The exact scope of services will be defined in the technical assignment to be issued at tender stage. The expected scope consists of the activities listed below, without limitation.

### **1. Prior to Final Investment Decision:**

a. Serve as Owner’s Engineer (or Technical Support Organization as referred to by IAEA)

b. Support the Owner in the preparation, review and approval of project documentation for:

- Licensing procedures in front of the Bulgarian Nuclear Regulatory Agency
- Obtaining of a construction permit in front of the Ministry of Regional Development and Public Works
- Specifications for equipment supply, construction and installation works, and service contracts

c. Support the Owner in the management of the Engineering Services Contract concluded on 4 November 2024

- Review and approval of deliverables
- Analyze the quality of the deliverables, including their deviations and non-conformities, and advise on corrective actions
- Support the Owner in claims management

d. Attend meetings between the Owner and Owner’s contractors

e. Support the Owner in negotiations of an EPC contract

f. Reporting and control

g. Advise the Owner throughout the Project as may become necessary.

### **2. After the Final Investment Decision:**

a. Serve as Owner’s Engineer (or Technical Support Organization as referred to by IAEA)

b. Assist the Owner in finalizing the negotiations and conclusion of an EPC contract

c. Support the Owner in the review and approval of all deliverables under the EPC contract, including the design documentation

d. Monitor the construction and installation works for compliance with the design documentation, the applicable regulations including environment, health and safety, quality and the good practices

e. Inspect equipment manufacturing and delivery on behalf of Owner as may become necessary

f. Review non-conformities and third-party inspection reports and advise on corrective actions

g. Confirm the readiness for and certify the completion of Project Acceptance Tests

h. Monitor and coordinate commissioning in view of the design requirements, operational requirements and specific regulations for the nuclear industry, including safety, security and cyber security

i. Support the Owner in preparation, review and approval of specifications and scope of works for the assignment of works and services

j. Support the Owner in preparation, review and approval of specifications and scope of supply of minor/ secondary equipment as may become necessary

k. Support the Owner in planning Operational Readiness

l. Reporting and control

m. Advise the Owner throughout the Project as may become necessary

### **III. DESCRIPTION OF THE PUBLIC PROCEDURE**

The assignor of the public procedure is KOZLODUY NPP–NEW BUILD EAD, registered under number 202058513, having its seat and address at 1A Panayot Hitov Str., 3320 Kozloduy, Republic of Bulgaria.

**Note:** KOZLODUY NPP–NEW BUILD EAD **IS NOT AN ASSIGNOR** under the Public Procurement Act (Promulgated, SG No. 13/16.02.2016). The public procedure, including this pre-qualification stage of the procedure is not subject to the Public Procurement Act. The public procedure is governed by Owner’s internal Rules on Procurement.

The stages of the public procedure include:

1. Pre-qualification
2. Tender
3. Negotiations

The current stage of the public procedure consists of and is limited ONLY to pre-qualification of candidates and does not have any impact on the scoring and ranking of candidates in the subsequent stages.

The pre-qualification documents submitted by the candidates shall be checked by the Owner for compliance with the eligibility and pre-qualification criteria on “pass/fail” basis.

In the process of reviewing the pre-qualification submissions, the Owner may request additional information or clarifications from the candidates.

The candidates which comply with all the pre-qualification criteria will be invited to participate in the subsequent tender stage of the public procedure. In that second stage, the eligible candidates will receive detailed tender specification and will be invited to submit concrete tender offers. Following the evaluation of the submitted tender offers by the Owner and consequent negotiations, a contractor will be selected, and a services contract will be signed.

The candidates will be allowed to enter a consortium and participate as a consortium (where the candidate is in the capacity of a leading partner) in the tender stage, even if they have participated individually in this pre-qualification.

The Owner reserves the right to cancel this pre-qualification and/or the public procedure at any time. In the event of cancellation after the submission deadline, the Owner shall notify the candidates accordingly. The Owner shall not be liable for any damages whatsoever in any way related to such cancellation including, without limitation, loss of profits or loss of reputation.

The publication of this announcement does not commit the Owner to proceed with the award of the service in the subject.

No costs occurred related to the participation of candidates in the current procedure are covered by the Owner.

#### **IV. PRE-QUALIFICATION CRITERIA**

The following pre-qualification criteria shall be applied to the pre-qualification submissions. In the case of application is submitted by a consortium, the pre-qualification criteria shall be applied to the consortium as a whole if not explicitly otherwise provided:

##### **1. Technical capacity and reputation of the candidate**

The candidate should have deep knowledge and significant expertise and experience in engineering and construction management of nuclear units, and meet the following requirements:

- a) Involvement as Owner's Engineer or Owner's Agent in the development, upgrade, modernization, rehabilitation or expansion of at least one nuclear power plant within the past 15 years

**or**

- b) Experience within the past 15 years in the development, upgrade, modernization, rehabilitation or expansion of at least one nuclear power plant, in
  - o project management, and/or
  - o engineering management, and/or
  - o construction management, and/or

- commissioning or commissioning support, and/or
- inspection of important equipment within nuclear island or turbine island.

Candidates headquartered and/or with parent companies registered in the Russian Federation and Republic of China will not be considered and shortlisted.

Information about the candidate's experience shall be provided in the Pre-Qualification Forms.

## **2. Economic and Financial Status**

The candidate shall demonstrate accumulated positive net income for the last 3 years i.e. 2021-2023, and an annual turnover for the last 3 years exceeding 50 million US dollars on average (in the case of a consortium, net income for the indicated period shall be demonstrated only by the consortium leader).

## **3. Other Considerations**

The candidates shall consider that the execution of the scope of services shall require physical presence in the Republic of Bulgaria.

The candidates shall consider that the Owner will expect a certain local content from the successful Contractor.

The candidates shall consider that the execution of the scope of services shall require to enter into non-disclosure agreements with the counterparts of the Owner for the Engineering Services Contract and comply with the provisions on confidentiality and IP rights in that contract. The templates of the non-disclosure agreements, as well as the requirements for confidentiality will be shared with the candidates at a tender stage.

<b>V. REQUIRED PRE-QUALIFICATION DOCUMENTS</b>
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Minimum required documents:

### **1. List of Documents**

List of the documents included in the pre-qualification submission.

### **2. Pre-Qualification Forms**

The Pre-Qualification Forms shall be submitted as per the attached template. The applicant may include additional sheets for reference contracts.

### **3. A Good Standing Certificate**

A Good Standing Certificate or equivalent indicating the current legal status and representation of the company.

If the language is different than English, the certificate must be translated in English. The candidate can also certify its legal status by submitting a link to the Commercial/Company register or other authority/institution of the country of registration.

In case of consortium, all consortium members shall provide the good standing certificate.

#### **4. Financial Statements**

Audited Financial Statements for 2021 through 2023.

Where the candidate is a consortium, all consortium partners shall submit their Financial Statements.

#### **7. List of Intended Subcontractors**

A list of intended subcontractors shall be submitted in the Pre-Qualification Forms.

#### **8. Declaration for the absence of circumstances**

The declaration is submitted as per the attached template.

#### **9. Declaration for processing of personal data**

The declaration is submitted as per the attached template.

#### **10. Declaration for confidentiality**

The declaration is submitted as per the attached template.

<b>VI. INSTRUCTIONS FOR THE PREPARATION OF THE REQUIRED DOCUMENTS</b>
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#### **1. Download**

The templates of the Pre-Qualification Forms and Declarations can be downloaded from the website of Kozloduy NPP-New Build EAD **[www.npp-nb.bg](http://www.npp-nb.bg)**

#### **2. Submission**

The candidates must submit their pre-qualification documents electronically in non-editable format.

The maximum possible size of e-mail attachments is 10MB.

In case that the pre-qualification documentation is submitted in more than one email, each email submission shall be numbered consecutively (i.e. Part 1, Part 2, Part 3, etc.).

#### **3. Representation**

All forms and declarations shall be duly signed with qualified electronic signature or an equivalent electronic certification by:

- the candidate's legal or authorized representative or
- the legal or authorized representative of each member of the consortium if the candidate is a consortium that is not a legal entity.

#### **4. Forms and Declarations**

The forms and declarations must be submitted in the templates provided by the Owner.

## 5. Language

The pre-qualification documents can be submitted in English or Bulgarian.

### **VII. SUBMISSION OF THE PRE-QUALIFICATION DOCUMENTS**

The pre-qualification documents must be submitted electronically **only** to the following email address:

**pre-qualification@npp-nb.bg**

The subject of the submission shall be:

**Provision of Owner's Engineer Services**

The deadline for submission of the pre-qualification documents is:

**Friday, 29 November 2024, 16:30 Bulgarian time (EET)**

The Owner will not consider pre-qualification documents submitted after the deadline.

### **VIII. CONTACT**

Inquiries regarding participation in the pre-qualification shall be accepted not later than 5 days before the deadline and sent to e-mail [petya.rasheva@npp-nb.bg](mailto:petya.rasheva@npp-nb.bg) to the attention of Petya Rasheva, Head of Contracts and Procurement Management Department.

#### **ATTACHMENTS:**

1. Template of Pre-Qualification Forms
2. Template of Declaration for the absence of circumstances
3. Template of Declaration for processing of personal data
4. Template of Declaration for confidentiality