

THE FOLLOWING APPLIES TO GOODS AND RELATED SERVICES TO BE PROCURED THROUGH TENDERING FOR THE PROJECT FINANCED UNDER THE COMPLEX (CONSOLIDATED) SAFETY UPGRADE PROGRAM OF POWER UNITS OF NUCLEAR POWER PLANTS SUPERVISED BY THE EUROPEAN BANK FOR RECONSTRUCTION AND DEVELOPMENT (HEREINAFTER ALSO TO AS “EBRD” OR “BANK”). POTENTIAL TENDERERS DESIRING ADDITIONAL INFORMATION ON THE PROCUREMENT IN QUESTION OR THE PROJECT IN GENERAL, SHOULD CONTACT THE PROJECT MANAGEMENT UNIT AND NOT THE EBRD.

INVITATION FOR TENDERS

Ukraine

Complex (Consolidated) Safety Upgrade Program of Power Units of Nuclear Power Plants

Package /Measure No. 135/14101-16201

Instrumentation during and after an accident

Introduce the system to monitor hydrogen concentration in the containment for beyond design basis accidents

Request for Proposal (RFP) No. RFP-14101-16201-135-GOODS-1

The present Invitation for Tenders follows the General Procurement Notice for this Project, which was published on the EBRD website in "Procurement Notices" (www.ebrd.com) on April 18, 2017 (8653-GPN-42086).

The State Enterprise “National Nuclear Energy Generating Company “Energoatom”, hereinafter referred to as “the Purchaser”, intends to use a part of the loan proceeds from the European Bank for Reconstruction and Development and the European Atomic Energy Community (hereinafter referred to as “Euratom”) to cover the costs of the Project “Complex (Consolidated) Safety Upgrade Program of Power Units of Nuclear Power Plants”.

The Purchaser hereby invites suppliers to submit their sealed tenders for the following contract to be funded from a part of the loan proceeds:

Package No.135:

Lot 1

- Measure No.14101 “Instrumentation during and after an accident”, which includes:
 - Supply of the Accident and Post-Accident Monitoring System for monitoring the reactor facility parameters (PAMS), including technical documentation, manufacturing, Preliminary, Factory Acceptance and Handover Acceptance Tests at the Manufacturer’s site, delivery, participation in the incoming control, special training of the Purchaser’s personnel, installation supervision and adjustment monitoring, participation in the Preliminary Integrated Tests within the Nuclear Facility at the Purchaser’s site prior to commissioning into trial operation at the Purchaser’s Site, trial operation, participation in the Acceptance Tests within the Nuclear Facility prior to commissioning into commercial operation and warranty maintenance within the warranty period (for more detailed information see the Technical Requirements – for South-Ukrainian NPP, power unit 3 of SE “NNEGC “Energoatom”.

Lot 2:

- Measure No.16201 “Introduce the system to monitor hydrogen concentration in the containment for beyond design basis accidents”, which includes:
 - Supply of Hydrogen Concentration Monitoring System (HCCS) in the Containment for Beyond-design Basis Accidents, including technical documentation, manufacturing, Preliminary, Factory Acceptance and Handover Acceptance Tests at

the Manufacturer's site, delivery, participation in the incoming control, special training of the Purchaser's personnel, installation supervision and adjustment monitoring, participation in the Preliminary Integrated Tests within the Nuclear Facility at the Purchaser's site prior to commissioning into trial operation at the Purchaser's Site, trial operation, participation in the Acceptance Tests within the Nuclear Facility prior to commissioning into commercial operation and warranty maintenance within the warranty period (for more detailed information see the Technical Requirements – for South-Ukrainian NPP, power unit 3 of SE "NNEG" "Energoatom").

Tendering for contracts financed with the proceeds of the loan from the Bank is open to firms from any country.

To be qualified for the award of the contract, tenderers shall satisfy the following minimum criteria:

1 Financial Situation:

The Tenderer shall meet the following minimum criteria:

1.1. Minimum average annual turnover of:

(1) for tenders submitted for Lot 1 only shall be not less than:

2 057 150 (two million fifty seven thousand one hundred fifty) EUR equivalent.

(2) for tenders submitted for Lot 2 only shall be not less than:

686 000 (six hundred eighty six thousand) EUR equivalent.

(3) for tenders submitted for both Lot 1 and Lot 2 shall be not less than:

2 743 150 (two million seven hundred forty three thousand one hundred fifty) EUR equivalent,

calculated as total certified payments received for contracts in progress or completed, within the last **three (3)** years.

The requirements according to the mentioned criteria to separate legal entities and any combination of such entities acting in the legal organizational form of a joint venture of legal and/or natural persons, consortium or association (hereinafter referred to as "JVCA") are as follows:

- Single entity or individual: must meet the requirements.
- JVCA:
 - All partners combined: must meet the requirements;
 - Each partner individually: must meet at least twenty five percent (25%) of the requirements;
 - The Lead Partner: must meet at least thirty percent (30%) of the requirements.

1.2. The Tenderer shall demonstrate access to, or availability of, financial resource such as liquid assets, unencumbered real assets, lines of credit, and other financial means to meet the cash flow for the contract estimated as not less than:

(1) for tenders submitted for Lot 1 only:

1 920 000 (one million nine hundred twenty thousand) EUR equivalent, taking into account the applicant's commitments for other contracts.

(2) for tenders submitted for Lot 2 only:

640 000 (six hundred forty thousand) EUR equivalent, taking into account the applicant's commitments for other contracts.

(3) for tenders submitted for both Lot 1 and Lot 2:

2 560 000 (two million five hundred sixty thousand) EUR equivalent, taking into account the applicant's commitments for other contracts.

The requirements according to the mentioned criteria to separate legal entities and JVCA are as follows:

- Single entity or individual: must meet the requirements;
- JVCA:
 - All partners combined: must meet the requirements;
 - Each partner individually: must meet at least twenty five percent (25%) of the requirements;
 - The Lead Partner: must meet at least forty percent (40%) of the requirements.

In case the tenderer uses other currency, the calculations shall be based on the exchange rate set by the National Bank of Ukraine as of the date of the Invitation for Tenders.

1.3. The Tenderer shall provide information on the obligations under current contracts and pending contract awards (current and pending commitments on all contracts that the Tenderer has been awarded, for which a letter of intent or acceptance have been received) to be carried out in parallel with Contract under this Tender. Annual (for calendar year) commitment value under indicated contracts shall not exceed Tenderer's Average Annual Turnover for the last three (3) years more than time and half (1,5). If the annual commitment value exceeds more than time and half (1,5) the Tender shall be rejected.

2. Experience:

The Tenderer shall meet the following minimum criteria:

2.1. Successful experience as a Supplier in the execution and completion of at least **3 (three) contracts** for supply of similar goods (equipment, systems and components) within the last **5 (five) years**, for the amount of at least

(1) for tenders submitted for Lot 1 only:

1 440 000 (one million four hundred forty thousand) Euro equivalent **per each contract** similar to the contracts for the proposed Goods.

(2) for tenders submitted for Lot 2 only:

480 000 (four hundred eighty thousand) Euro equivalent **per each contract** similar to the contracts for the proposed Goods.

(3) for tenders submitted for both Lot 1 and Lot 2:

*The Tenderer shall satisfy all qualification requirements for general experience as a Supplier indicated in this Table 2.4 for **Lot 1** and **Lot 2** above.*

The similarity shall be based on the physical sizes, complexity, methods and technologies and other characteristics as described in Technical Requirements (Section VI, Supply Requirements).

The requirements according to the mentioned criteria to separate legal entities and JVCA are as follows:

- Single entity or individual: must meet the requirements;

- JVCA:
 - All partners combined: must meet the requirements;
 - Each partner individually: not applicable;
 - The Lead Partner: not applicable.

Tender document may be obtained by a tenderer's duly authorized representative from the office at the address below upon payment of the non-refundable fee of EUR 500.00 (five hundred) or its equivalent in Ukrainian Hryvnas (UAH) at the exchange rate of National Bank of Ukraine for 00 hr 00 min on payment day.

By payment in UAH the rate is set for 00 hr 00 min of the issue date of the invoice which may be applied for at the below mentioned address, or for 00 hr 00 min of the UAH amount transfer date (if the invoice was not issued).

The issued invoice is valid during 5 (five) banking days.

The payment expenses are incurred by the fee sender.

For Payment in EUR and UAH:	
Recipient:	SE "NNEGC "ENERGOATOM"
Code of the Recipient:	24584661
Address of the Recipient:	3, Nazarovskaya Str., Kyiv, 01032, Ukraine
Account No.:	26002230019275 (currency code: 978-EUR, 980- UAH)
Bank:	THE JOINT STOCK COMPANY «THE STATE EXPORT-IMPORT BANK OF UKRAINE»
MFO (Bank ID Code)	322313
Bank's address:	127 Antonovych Str., Kyiv, Ukraine, 03150
S.W.I.F.T.:	EXBSUAUX http://eximb.com
For payments in EUR:	
56: Correspondent Bank:	DEUT DEFF DEUTSCHE BANK AG FRANKFURT AM MAIN, GERMANY
57: Receiving Bank:	EXBSUAUX «THE STATE EXPORT-IMPORT BANK OF UKRAINE» THE JOINT STOCK COMPANY Kiev, Ukraine CORRESPONDENT ACCOUNT NUMBER: 949876710
59: Beneficiary:	Account, Name and Address of Beneficiary

Note: You are kindly asked to verify the details of correspondent bank prior to payment for tender documents in EURO using the web-site of JSC "THE STATE EXPORT-IMPORT BANK OF UKRAINE", Section "List of Correspondent banks" (<https://www.eximb.com/ukr/corporate/list/>)

Purpose of the payment:

Please specify "**Payment for Tender Document RFP-14101-16201-135-GOODS-1**".

Without evidence of the above mentioned amount payment, the Tender Document will not be dispatched.

Upon receiving an appropriate evidence of the non-refundable fee payment, the Tender Document will be promptly dispatched by a courier service; however, no liability can be accepted by the sender for their loss or late delivery. If requested the Tender Document can also be dispatched electronically after the presentation by the prospective tenderer of appropriate evidence of payment of the non-refundable fee. In the event of discrepancy between electronic and hard copies of the documents, the hard copy shall prevail.

All tenders should be supported with a Tender Security in the below amount in EUR or its equivalent in UAH.

Description	Tender Security, in EUR
For Lot 1: Supply of the Accident and Post-Accident Monitoring System for monitoring the reactor facility parameters (PAMS) for South-Ukrainian NPP, power unit 3 of SE "NNEGC "Energoatom	48 000.00
For Lot 2: Supply of Hydrogen Concentration Monitoring System (HCCS) in the Containment for Beyond-design Basis Accidents for South-Ukrainian NPP, power unit 3 of SE "NNEGC "Energoatom	16 000.00
For Lot 1 and Lot 2: In case Tender is submitted for both lots	64 000.00

The tenders shall be delivered to the office at the below address on **28th of March 2018, 02.00 p.m. (Kyiv local time)** latest. Immediately after this, they will be opened in the presence of those tenderers' representatives who choose to attend.

Please note that tenders shall be submitted in the English and Russian language. If either Russian or English version is missing, such Tender may be rejected.

A register of potential tenderers who have purchased the Tender Document may be checked at the address below.

Prospective tenderers may obtain further information, as well as get acquainted with and acquire the Tender Document at the following address:

To the attention of **Mr. Gennadii Sazonov**, CCSUP PMU Manager
Office 410, 6 Gaidara Street, Kyiv 01033, Ukraine
Tel: +380 (44) 277 79 87, +380 (44) 206 97 97
E-mail: pmu@direkcy.atom.gov.ua

Please specify the following reference in all correspondence:
"RFP-14101-16201-135-GOODS-1"