

Poland – Radiation monitors – Development and Assembly of Radiation Monitoring System (Commodity Codes JS07, JS21, JS22, JS23, JS24) for Poland AP 1000® Project - Unit 1, 2, 3 OJ S 170/2025 05/09/2025

**Contract or concession notice – standard regime
Supplies**

1. Buyer

1.1. Buyer

Official name: Westinghouse Electric Poland Sp.z.o.o

Email: schwarcw@westinghouse.com

Activity of the contracting entity: Electricity-related activities

2. Procedure

2.1. Procedure

Title: Development and Assembly of Radiation Monitoring System (Commodity Codes JS07, JS21, JS22, JS23, JS24) for Poland AP 1000® Project - Unit 1, 2, 3

Description: The JS07 Radiation Monitoring System is a standalone plant support system monitoring process, effluent, airborne, and area monitor radiation conditions through the use of radiation detectors and dedicated local radiation processors. JS07 is classified as Safety Related, Seismic Category I, and Westinghouse Safety Class C with some safety-related functions and some non-safety related functions. The JS07 scope is one of the largest and most complex instrumentation and control systems for procurement. JS07 is a completely distributed plant system, with 38 distinct radiation monitors, 6 of which being safety related, with the control software being fully integrated into the overall AP1000 I&C architecture. Consideration of potential suppliers includes the following system/project criteria and capabilities: - Experienced manufacturers/assemblers capable of fabricating and furnishing AP1000® radiation monitoring compatible equipment (described below), must (i) contact (email and/or phone call) the Westinghouse Contact Person identified in section 1 to express interest and request an AP1000 supplier qualification questionnaire, and (ii) upon receipt, complete the AP1000 supplier qualification questionnaire with sufficient detail for Westinghouse evaluation and return it via email to the Westinghouse contact person. If there are any questions or clarifications needed, please reach out to the contact person listed above. - The qualification criteria shall be included in the AP1000 supplier qualification questionnaire, examples thereof include demonstration of: - The Supplier shall provide, as part of the system supply, engineering consultation to assist the Purchaser with system design finalization and provide engineering support to assist with the installation interface design. - The Supplier shall be responsible for furnishing the safety-related (Class 1E) and non-safety related (Non-Class 1E) process, effluent, airborne and area monitors radiation monitoring equipment as identified in the RMS System Specification Document (provided upon completion of questionnaire and NDA [see below]). - The Supplier shall furnish the communication, power, and signal cables internal to the radiation monitoring system within the Supplier's scope of supply. - The Supplier shall furnish the inside containment cables for the containment high range systems. These are qualified Class 1E for harsh environment. - The Supplier's scope of supply includes design, manufacturing, documentation, test plans, test procedures, project management, Quality Assurance, equipment qualification, cleaning, packaging, and shipment of the equipment. - The Supplier shall be responsible for performing

project management and generating project status reports/meetings for each unit. - The Supplier shall provide time and material rates for site startup and acceptance testing support. - The Supplier shall provide sample line deposition analysis for the first unit. All subsequent units will be of identical design. - The Supplier shall provide sample nozzle design for plant vent and duct monitors for the first unit. All subsequent units will be of identical design. - The Supplier shall outline and perform the scope of recommended work for meeting ANSI N13.1 (ANSI/HPS N13.1, "Guide to Sampling Airborne Radioactive Materials in Nuclear Facilities"), including the development of a scale flow model to validate that the airborne monitors comply with the sample extraction criteria per ANSI N13.1. This is to confirm sample extraction location results in representative sampling. This applies to the plant vent and process ducts. This activity is for the first unit. The plant vent design will be identical for all subsequent units. - The Supplier shall provide main steamline sensitivity analysis for the N-16 monitors (gallons per day [gpd] to $\mu\text{Ci/cc}$ conversion) for the first unit. All subsequent units will be of identical design. - The Supplier shall provide requested input to finalize the plant interface design first unit. All subsequent units will be of identical design. - The Supplier shall provide Non-Recurring Engineering services for finalizing the design for the first unit, which includes: o Providing design information and consultation to support the design of the plant structures and equipment o Licensing Support - The Supplier shall be capable of meeting the quality requirements for such equipment in a nuclear power plant, including having a nuclear quality program complying with NQA-1 and 10CFR50 Appendix B. - The Supplier shall provide certification of compliance with all applicable governmental policies, requirements, laws and regulations, applicable international treaties or agreements, and other regulatory requirements. - The Supplier shall be of sufficient financial standing (solvency). - The Supplier selection is subject to a verification of capabilities against these and other project related criteria. - The supplier shall quote an RMS system with components with a design objective life of 60 years. For items where a 60-year life is not an achievable goal, a maintenance/surveillance /replacement schedule shall be provided. - The Supplier is responsible for the design, material procurement, manufacturing, inspection, testing, qualification, cleaning, packaging, and shipping of all equipment and accessories identified in the proposal. - Upon evaluation of your response to the AP1000 supplier qualification questionnaire, Westinghouse will determine if your company meets or does not meet the qualification requirements and will provide feedback. Submission of the AP1000 supplier qualification questionnaire does not automatically qualify your company to be supplier for the project. - Each qualified Supplier will be required to execute a Proprietary Information Agreement (PIA) / (Non-Disclosure Agreement (NDA)).

Procedure identifier: a8578dc9-7aa8-4492-be34-b929682cb152

Type of procedure: Open

The procedure is accelerated: no

2.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38341600 Radiation monitors

2.1.2. Place of performance

Country subdivision (NUTS): Gdański (PL634)

Country: Poland

Additional information: Continuation of ' Description' section - Companies meeting the qualification criteria and who have executed the PIA will be invited to submit a proposal. - The Request for Proposal (RFP) shall include applicable information about award criteria, scope of work, specifications, drawings, datasheets, terms and condition, and schedule data (see

specific documentation requirements below). - The Request for Proposal (RFP) document will be for unit one (1) of the three (3) unit projects. - The RFP document will require furnishing of a Parent Company Guarantee if the pre-qualified Supplier is an affiliate of Parent Company. - Proposal may be requested in EURO, PLN (Polish Zloty), and/or USD. Furthermore, the proposals may be requested in a combination of Fixed Price (not subject to any price adjustment) and Firm Price (subject to adjustment per mutually agreed upon indices). - The final supplier evaluation and selection criteria will include price, compliance with technical, quality, and commercial requirements, experience in furnishing similar equipment, past performance, and compliance with the terms and conditions of purchase. - Any companies that do not meet mandatory compliance requirements in section 3 will be excluded. - The procedure for companies to gain access to proprietary information, if required, will be subject to compliance with the executed PIA /NDA, Applicable Export Laws, Applicable Laws, and Applicable Safeguards Laws which will be included in the RFP document. - All documentation shall be submitted in English. - The scope of work for the subject RFP will include:

- o Overall project management, planning, scheduling, and reporting.
- o Procurement of material.
- o Material receipt.
- o Preparation of necessary fabrication drawings and procedures (welding, coating, etc.), work packages (travelers), manufacturing and assembly plans, quality and inspection plan(s), shop lifting and handling plan (including lifting lug design, drawings, calculations, and testing), transportation plan, testing plan, weld documentation, personnel and process qualifications, and schedule.
- o Preparation of the necessary documentation to support site lifting, handling, and movement plans, including any special instructions or requirements for unloading, hauling, and storage.
- o Preparation and execution of a requirements traceability program.
- o Preparation of the necessary documentation to support site assembly.
- o Process qualification procedure and demonstration plans for critical processes including stud welding, automatic welding, long-seam butt welding, dimensional control, weld repairs, etc.
- o Fabrication based on the existing Westinghouse fleet design (not based on specific fabricator preferences).
- o Cleaning, marking, painting, packaging, and operating/maintenance procedures.
- o Non-Destructive Examination (NDE) and other Testing requirements as required by Fabrication Specification.
- o On-site installation and complete I&C system integration plan.

- The Following documents shall be submitted with final proposal:

- o Preliminary Dimensioned Outline Drawings (including overall dimensions weights, center of gravity and mounting /interface details)
- o Preliminary Characteristics (Electrical and Physical) Documentation
- o Preliminary Supplier Bill of Materials/Bill of Materials
- o Preliminary Process Piping and Instrument Tubing Connection Drawings
- o Standard Catalog Pages
- o Estimated Life of Radiation Monitors (to include calculation method)
- o Preventive Maintenance Schedule
- o Reliability Data: Mean time between failure (MTBF) Mean time to repair (MTTR)
- o List of Spare Parts
- o Specification Compliance Matrix
- o Difference between the Supplier's Recognized Local and National Regulations, Codes and Standards with those in this Specification
- o Comparison and Justification for use of equivalent Regulations, Codes and Standards
- o Detailed description of the Supplier's support of Site Acceptance Testing and Supplier's support of operations and maintenance training
- o Typical list of parts that have a shelf life and a typical shelf-life statement
- o Typical Operations & Maintenance Manual for a process monitor (skid type) and area monitor
- o Typical Primary Calibration Report for a process and area monitor
- o Typical Transfer Calibration Report
- o Typical Factory Acceptance Test Report for a process and area monitor

Additional supplier procurement requirements will be made available upon completion of questionnaire and NDA through a request for proposal.

Owner Name: POLSKIE ELEKTROWNIE JĄDROWE SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ, a limited liability company with offices at Ul. Aleje Jerozolimskie 132 /136, 02-305 Warsaw, Poland. Project Description: Nuclear Power Plant, utilizing AP1000® reactor technology, composed of three (3) specified reactor units and all other nuclear and non-

nuclear facilities, with installed total capacity up to 3,750 MW. Project Location: Municipality of Choczewo (Lubiatowo-Kopalino), in the Republic of Poland. Notice Type: Advanced RFP Qualification Notice Bidding Type: Competitive bidding Notice No.: Poland AP1000 JS07, JS21, JS22, JS23, JS24 – Radiation Monitoring System Deadline (Qualification self-assessment Submittal): 15 business days from issuance of this notification RFP Document Issuance: 3rd Quarter 2025 Supplier Proposals Due: Approximately three (3) months from Issuance of RFP document. Order Award Date: January 2027 Updates: Not applicable Soft Copy: PDF copy of the Advanced RFP Qualification Notice included About Contracting Authority: Westinghouse Electric Company LLC is engaged in the business of design and development of commercial nuclear power facilities, including the AP1000® passive-safety pressurized water reactor.

2.1.4. General information

Additional information: Sanctions : The company shall certify that (i) is not subject to sanctions, and (ii) does not present a threat to the security interests of Poland, in particular that they are not (a) a Russian national, or a natural or legal person, entity or body established in Russia or (b) a legal person, entity or body whose proprietary rights are directly or indirectly owned for more than fifty percent (50%) by an entity referred to in point (a) of this section or (c) a natural or legal person, entity or body acting on behalf or at the direction of an entity referred to in point (a) or (b) of this Section. “Sanctions” shall mean measures aimed at maintaining or restoring international peace and security enacted by the United Nations and/or the European Union and/or the Poland and/or the US, or any such sanctions law applicable to the company or undertaking's such as sectoral measures, economic and financial measures, or measures introduced against countries (embargoes), natural or legal persons or groups or non-state entities (blocking measures). Delivery Restrictions: The following delivery restrictions are applicable for items to be provided for the Project: Any manufacturing or supply by an individual, entity or from a country of origin on which sanctions or embargoes are imposed by competent authorities in accordance with the law. No equipment (or parts thereof) and no materials can be manufactured in or imported from the Russian Federation or from parts of Ukraine which are not under factual control of the Ukrainian government in Kiev (currently: Crimea, Donetsk Province (Donetsk Oblast) and Luhansk Province (Luhansk Oblast)). No equipment or parts thereof can be manufactured or supplied by Russian companies, individuals, suppliers or companies from parts of Ukraine which are not under factual control of the Ukrainian government in Kiev (currently: Crimea, Donetsk Province (Donetsk Oblast) and Luhansk Province (Luhansk Oblast)). Any other individual, entity or country of origin deemed by the Republic of Poland as restricted or constituting a threat to the national security or security interests of the Republic of Poland.

Legal basis:

Directive 2014/25/EU

2.1.6. Grounds for exclusion

Sources of grounds for exclusion: Procurement Document

5. Lot

5.1. Lot: LOT-0001

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the use of radiation detectors and dedicated local radiation processors. JS07 is classified as Safety Related, Seismic Category I, and Westinghouse Safety Class C with some safety-related functions and some non-safety related functions. The JS07 scope is one of the largest and most complex instrumentation and control systems for procurement. JS07 is a completely distributed plant system, with 38 distinct radiation monitors, 6 of which being safety related, with the control software being fully integrated into the overall AP1000 I&C architecture. Consideration of potential suppliers includes the following system/project criteria and capabilities: - Experienced manufacturers/assemblers capable of fabricating and furnishing AP1000® radiation monitoring compatible equipment (described below), must (i) contact (email and/or phone call) the Westinghouse Contact Person identified in section 1 to express interest and request an AP1000 supplier qualification questionnaire, and (ii) upon receipt, complete the AP1000 supplier qualification questionnaire with sufficient detail for Westinghouse evaluation and return it via email to the Westinghouse contact person. If there are any questions or clarifications needed, please reach out to the contact person listed above. - The qualification criteria shall be included in the AP1000 supplier qualification questionnaire, examples thereof include demonstration of: - The Supplier shall provide, as part of the system supply, engineering consultation to assist the Purchaser with system design finalization and provide engineering support to assist with the installation interface design. - The Supplier shall be responsible for furnishing the safety-related (Class 1E) and non-safety related (Non-Class 1E) process, effluent, airborne and area monitors radiation monitoring equipment as identified in the RMS System Specification Document (provided upon completion of questionnaire and NDA [see below]). - The Supplier shall furnish the communication, power, and signal cables internal to the radiation monitoring system within the Supplier's scope of supply. - The Supplier shall furnish the inside containment cables for the containment high range systems. These are qualified Class 1E for harsh environment. - The Supplier's scope of supply includes design, manufacturing, documentation, test plans, test procedures, project management, Quality Assurance, equipment qualification, cleaning, packaging, and shipment of the equipment. - The Supplier shall be responsible for performing project management and generating project status reports/meetings for each unit. - The Supplier shall provide time and material rates for site startup and acceptance testing support. - The Supplier shall provide sample line deposition analysis for the first unit. All subsequent units will be of identical design. - The Supplier shall provide sample nozzle design for plant vent and duct monitors for the first unit. All subsequent units will be of identical design. - The Supplier shall outline and perform the scope of recommended work for meeting ANSI N13.1 (ANSI/HPS N13.1, "Guide to Sampling Airborne Radioactive Materials in Nuclear Facilities"), including the development of a scale flow model to validate that the airborne monitors comply with the sample extraction criteria per ANSI N13.1. This is to confirm sample extraction location results in representative sampling. This applies to the plant vent and process ducts. This activity is for the first unit. The plant vent design will be identical for all subsequent units. - The Supplier shall provide main steamline sensitivity analysis for the N-16 monitors (gallons per day [gpd] to $\mu\text{Ci/cc}$ conversion) for the first unit. All subsequent units will be of identical design. - The Supplier shall provide requested input to finalize the plant interface design first unit. All subsequent units will be of identical design. - The Supplier shall provide Non-Recurring Engineering services for finalizing the design for the first unit, which includes: o Providing design information and consultation to support the design of the plant structures and equipment o Licensing Support - The Supplier shall be capable of meeting the quality requirements for such equipment in a nuclear power plant, including having a nuclear quality program complying with NQA-1 and 10CFR50 Appendix B. - The Supplier shall provide certification of compliance with all applicable governmental policies, requirements, laws and regulations, applicable international treaties or agreements, and other regulatory requirements.

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5.1.1. Purpose

Main nature of the contract: Supplies

Main classification (cpv): 38341000 Apparatus for measuring radiation

5.1.2. Place of performance

Country subdivision (NUTS): Gdański (PL634)

Country: Poland

Additional information: Continuation of ' Description' section - Companies meeting the qualification criteria and who have executed the PIA will be invited to submit a proposal. - The Request for Proposal (RFP) shall include applicable information about award criteria, scope of work, specifications, drawings, datasheets, terms and condition, and schedule data (see specific documentation requirements below). - The Request for Proposal (RFP) document will be for unit one (1) of the three (3) unit projects. - The RFP document will require furnishing of a Parent Company Guarantee if the pre-qualified Supplier is an affiliate of Parent Company. - Proposal may be requested in EURO, PLN (Polish Zloty), and/or USD. Furthermore, the proposals may be requested in a combination of Fixed Price (not subject to any price adjustment) and Firm Price (subject to adjustment per mutually agreed upon indices). - The final supplier evaluation and selection criteria will include price, compliance with technical, quality, and commercial requirements, experience in furnishing similar equipment, past performance, and compliance with the terms and conditions of purchase. - Any companies that do not meet mandatory compliance requirements in section 3 will be excluded. - The procedure for companies to gain access to proprietary information, if required, will be subject to compliance with the executed PIA /NDA, Applicable Export Laws, Applicable Laws, and Applicable Safeguards Laws which will be included in the RFP document. - All documentation shall be submitted in English. - The scope of work for the subject RFP will include: o Overall project management, planning, scheduling, and reporting. o Procurement of material. o Material receipt. o Preparation of necessary fabrication drawings and procedures (welding, coating, etc.), work packages (travelers), manufacturing and assembly plans, quality and inspection plan(s), shop lifting and handling plan (including lifting lug design, drawings, calculations, and testing), transportation plan, testing plan, weld documentation, personnel and process qualifications, and schedule. o Preparation of the necessary documentation to support site lifting, handling, and movement plans, including any special instructions or requirements for unloading, hauling, and storage. o Preparation and execution of a requirements traceability program. o Preparation of the necessary documentation to support site assembly. o Process qualification procedure and demonstration plans for critical processes including stud welding, automatic welding, long-seam butt welding, dimensional control, weld repairs, etc. o

Fabrication based on the existing Westinghouse fleet design (not based on specific fabricator preferences).
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o On-site installation and complete I&C system integration plan. -
The Following documents shall be submitted with final proposal:
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o Preliminary Supplier Bill of Materials/Bill of Materials
o Preliminary Process Piping and Instrument Tubing Connection Drawings
o Standard Catalog Pages
o Estimated Life of Radiation Monitors (to include calculation method)
o Preventive Maintenance Schedule
o Reliability Data: Mean time between failure (MTBF) Mean time to repair (MTTR)
o List of Spare Parts
o Specification Compliance Matrix
o Difference between the Supplier's Recognized Local and National Regulations, Codes and Standards with those in this Specification
o Comparison and Justification for use of equivalent Regulations, Codes and Standards
o Detailed description of the Supplier's support of Site Acceptance Testing and Supplier's support of operations and maintenance training
o Typical list of parts that have a shelf life and a typical shelf-life statement
o Typical Operations & Maintenance Manual for a process monitor (skid type) and area monitor
o Typical Primary Calibration Report for a process and area monitor
o Typical Transfer Calibration Report
o Typical Factory Acceptance Test Report for a process and area monitor
Additional supplier procurement requirements will be made available upon completion of questionnaire and NDA through a request for proposal.

5.1.3. Estimated duration

Other duration: Unknown

5.1.4. Renewal

Maximum renewals: 0

5.1.6. General information

Reserved participation: Participation is not reserved.

The procurement is covered by the Government Procurement Agreement (GPA): no

5.1.9. Selection criteria

Sources of selection criteria: Procurement Document

5.1.11. Procurement documents

Access to certain procurement documents is restricted

Information about restricted documents is available at: <https://westinghousenuclear.com/>

5.1.12. Terms of procurement

Terms of submission:

Electronic submission: Allowed

Address for submission: <https://westinghousenuclear.com/>

Description: tomonrl@westinghouse.com

Languages in which tenders or requests to participate may be submitted: English

Electronic catalogue: Not allowed

Description of the financial guarantee: As per agreement

Deadline for receipt of tenders: 29/09/2025 23:59:00 (UTC-5) Eastern Time, Lima

Deadline until which the tender must remain valid: 3 Months

Terms of contract:

The execution of the contract must be performed within the framework of sheltered employment programmes: No

Conditions relating to the performance of the contract: Terms&cConditions to be provided after NDA/PIA

Financial arrangement: as per agreement

5.1.15. Techniques

Framework agreement:

No framework agreement

Information about the dynamic purchasing system:

No dynamic purchase system

Electronic auction: no

5.1.16. Further information, mediation and review

Review organisation: Westinghouse Electric Poland Sp.z.o.o

Information about review deadlines: n/a

Organisation providing additional information about the procurement procedure: Westinghouse Electric Poland Sp.z.o.o

8. Organisations

8.1. ORG-0001

Official name: Westinghouse Electric Poland Sp.z.o.o

Registration number: 6793214904

Town: Kraków

Postcode: 30-701

Country subdivision (NUTS): Miasto Kraków (PL213)

Country: Poland

Email: schwarcw@westinghouse.com

Telephone: (1) 412-860-0985

Roles of this organisation:

Buyer

Organisation providing additional information about the procurement procedure

Review organisation

8.1. ORG-0000

Official name: Publications Office of the European Union

Registration number: PUBL

Town: Luxembourg

Postcode: 2417

Country subdivision (NUTS): Luxembourg (LU000)

Country: Luxembourg

Email: ted@publications.europa.eu

Telephone: +352 29291

Internet address: <https://op.europa.eu>

Roles of this organisation:

TED eSender

Notice information

Notice identifier/version: ec3c22b8-6ad5-47f5-bdf4-014880202609 - 01

Form type: Competition

Notice type: Contract or concession notice – standard regime

Notice subtype: 17

Notice dispatch date: 04/09/2025 12:49:24 (UTC)

Languages in which this notice is officially available: English

Notice publication number: 581793-2025

OJ S issue number: 170/2025

Publication date: 05/09/2025